

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018972.D
 Acq On : 09 Aug 2024 17:16
 Operator : SY/MD
 Sample : P3518-21
 Misc : 4.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-11-080724

Quant Time: Aug 09 23:29:36 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)

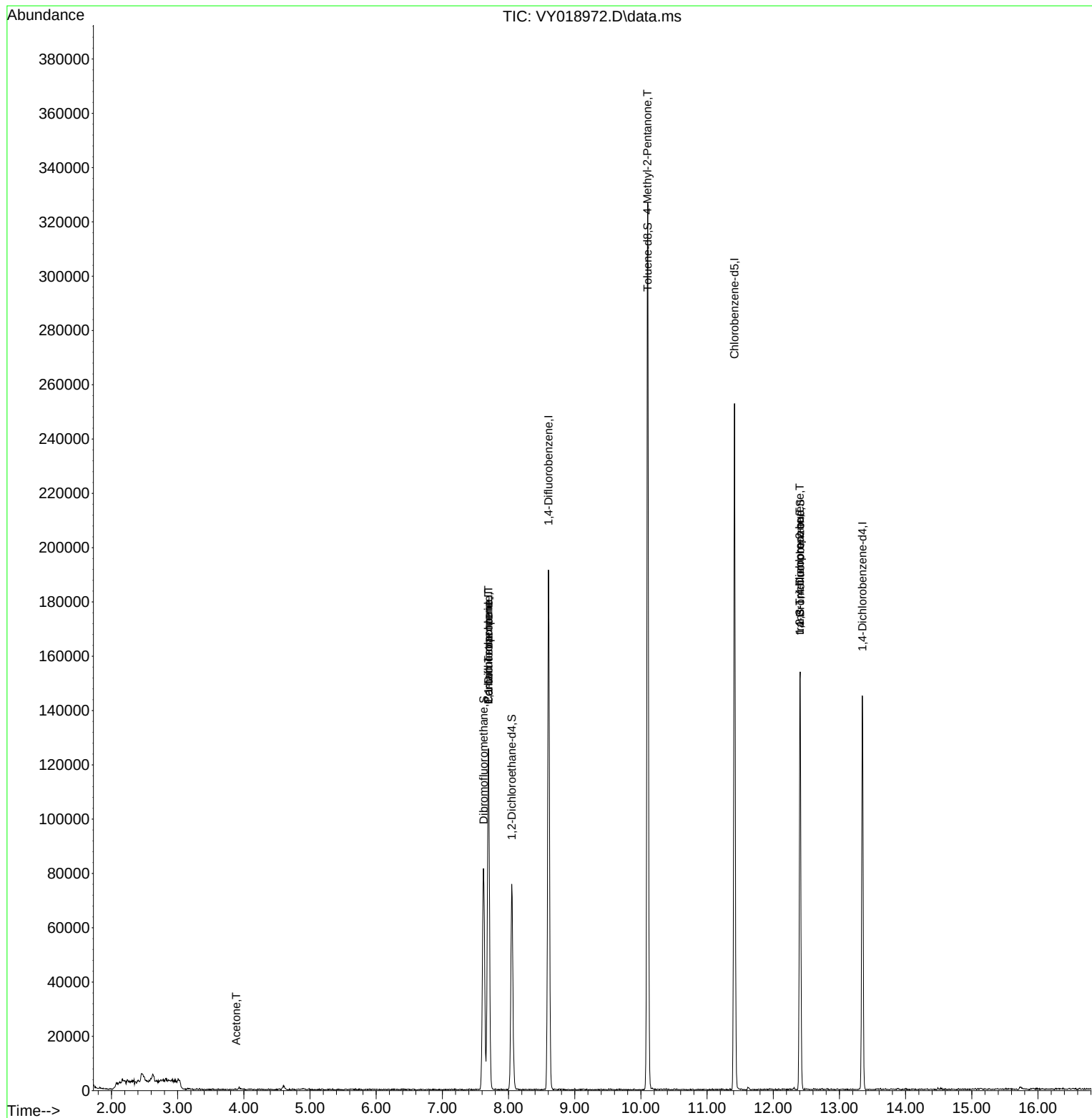
Internal Standards						
1) Pentafluorobenzene	7.695	168	99711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	159359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	119227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	33427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	47453	54.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.400%	
35) Dibromofluoromethane	7.622	113	53395	52.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.103	98	193970	49.616	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.240%	
62) 4-Bromofluorobenzene	12.408	95	39885	34.388	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 68.780%	
Target Compounds						Qvalue
3) Chloromethane	2.074	50	80	Below Cal	#	43
13) Acrolein	3.653	56	27	Below Cal	#	15
16) Acetone	3.885	43	245	13.554	ug/l #	36
20) Methylene Chloride	4.598	84	706	Below Cal	#	90
31) Cyclohexane	7.695	56	2322	Below Cal	#	54
36) 1,1-Dichloropropene	7.695	75	7491	5.483	ug/l #	46
38) Carbon Tetrachloride	7.695	117	9135	5.831	ug/l #	17
41) Methacrylonitrile	7.183	41	21	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.097	43	992	1.515	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	23089	92.717	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	23089	191.052	ug/l #	16

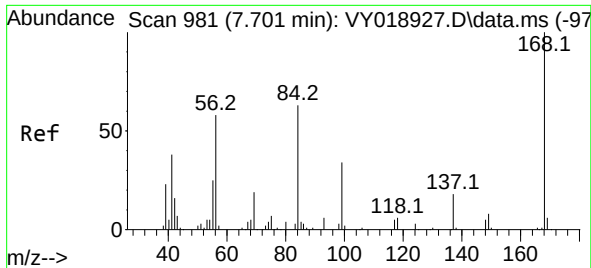
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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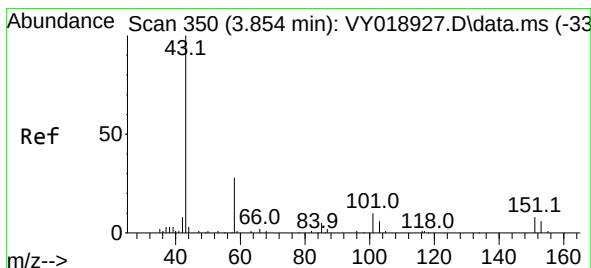
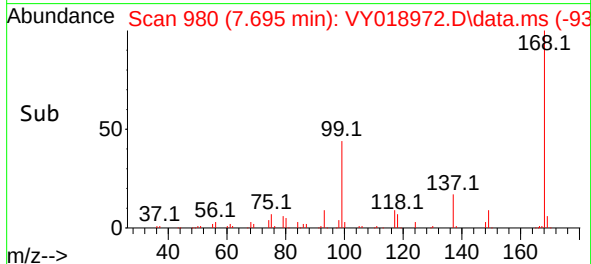
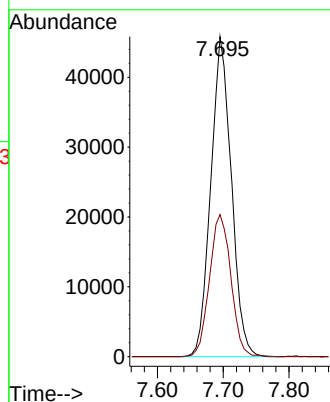
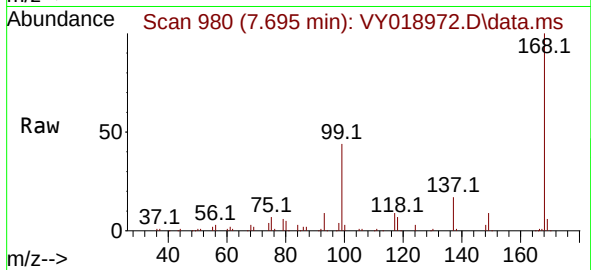




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY018972.D
Acq: 09 Aug 2024 17:16

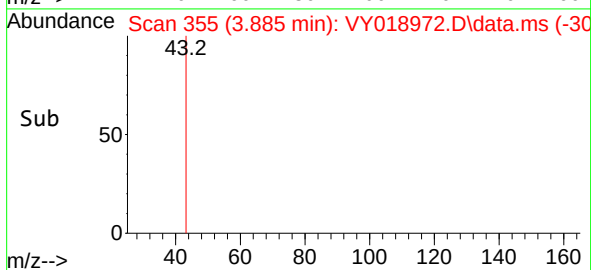
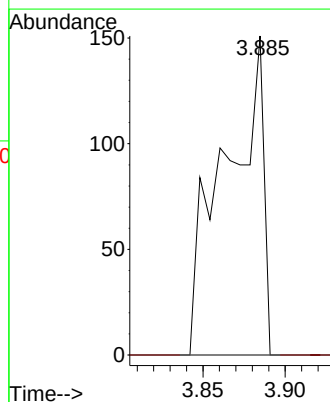
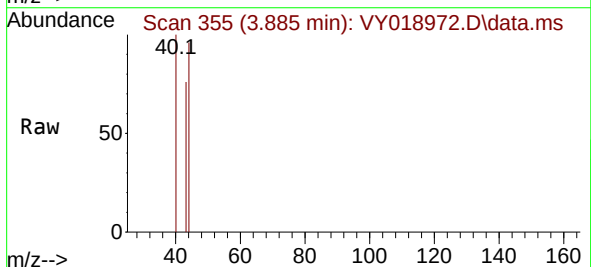
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-11-080724

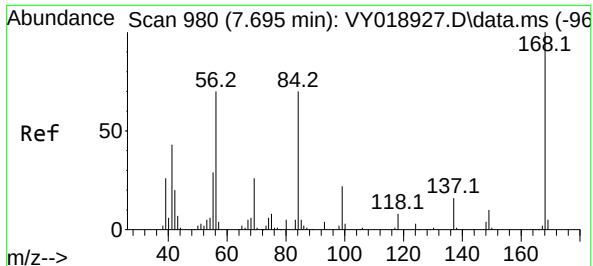
Tgt Ion:168 Resp: 99711
Ion Ratio Lower Upper
168 100
99 44.4 39.1 58.7



#16
Acetone
Concen: 13.554 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.030 min
Lab File: VY018972.D
Acq: 09 Aug 2024 17:16

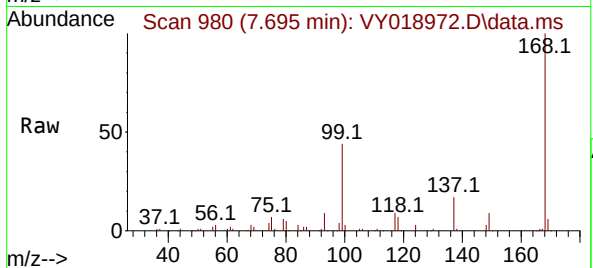
Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



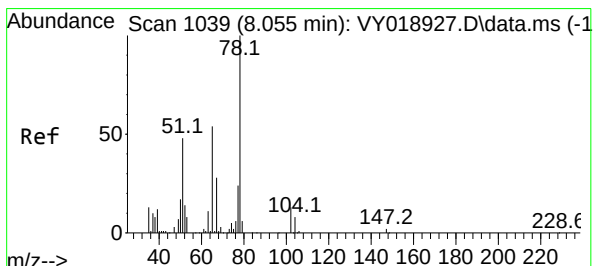
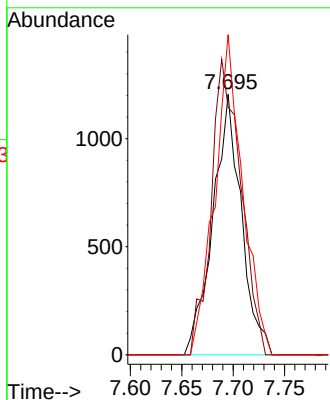
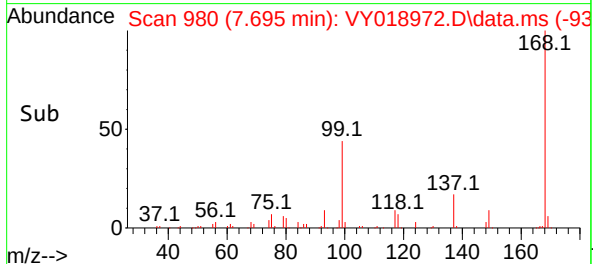


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018972.D
Acq: 09 Aug 2024 17:16

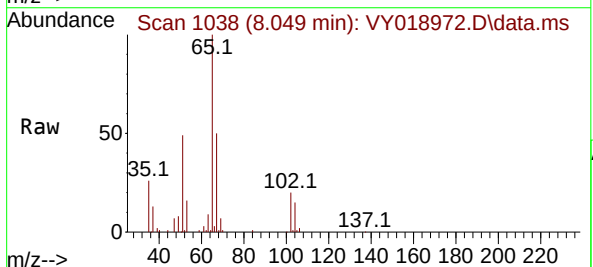
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-11-080724



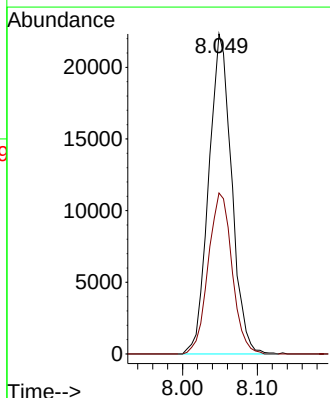
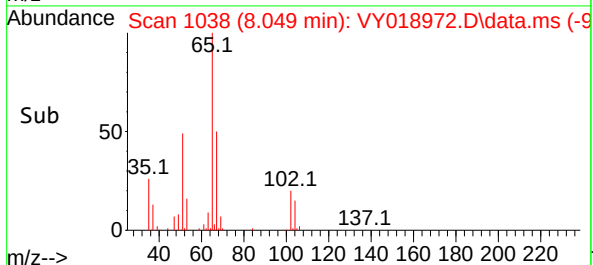
Tgt Ion: 56 Resp: 2322
Ion Ratio Lower Upper
56 100
69 95.0 28.7 43.1#
84 122.9 77.7 116.5#

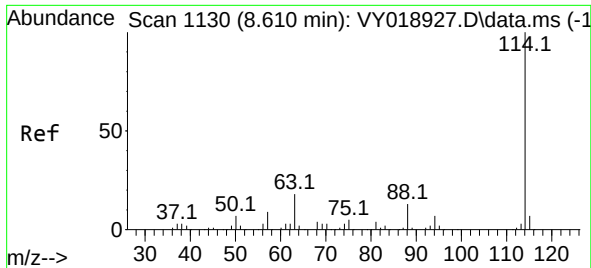


#33
1,2-Dichloroethane-d4
Concen: 54.204 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018972.D
Acq: 09 Aug 2024 17:16



Tgt Ion: 65 Resp: 47453
Ion Ratio Lower Upper
65 100
67 52.4 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: VY018972.D

Acq: 09 Aug 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-11-080724

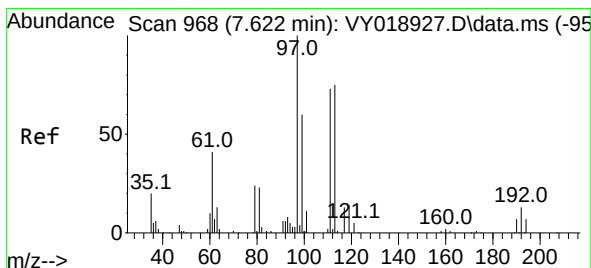
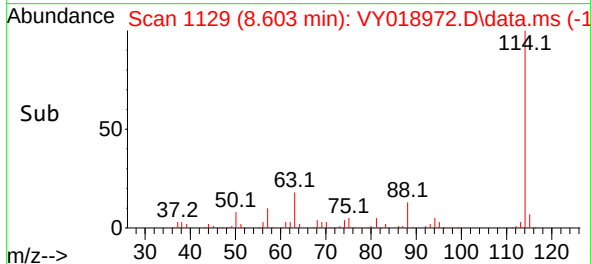
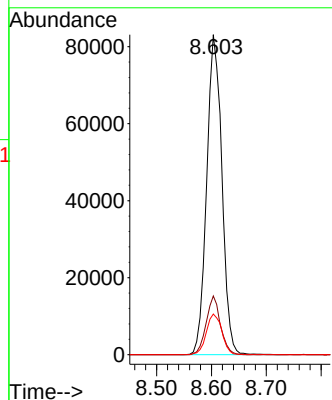
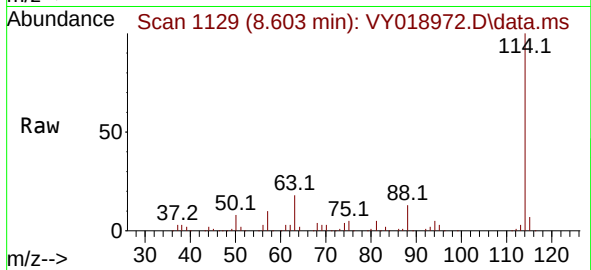
Tgt Ion:114 Resp: 159359

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 12.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.461 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018972.D

Acq: 09 Aug 2024 17:16

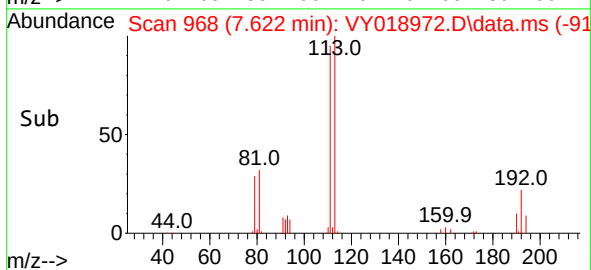
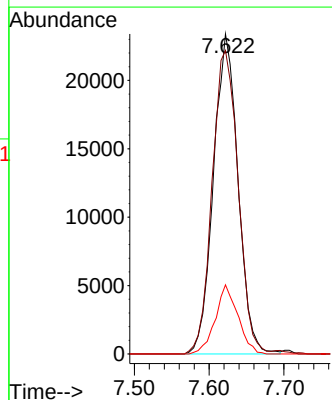
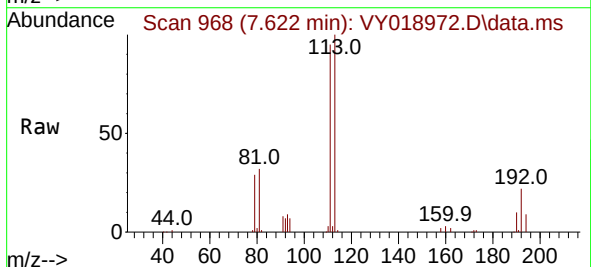
Tgt Ion:113 Resp: 53395

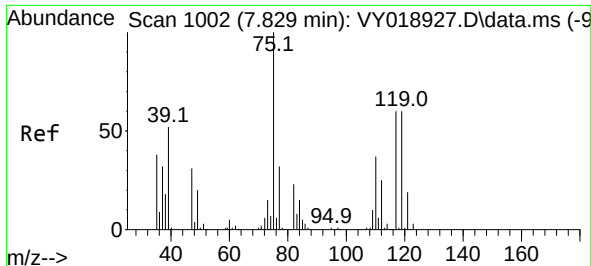
Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.4

192 19.9 15.9 23.9

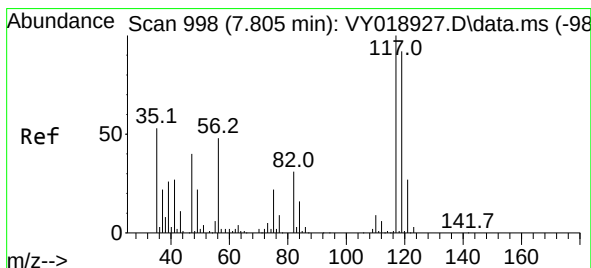
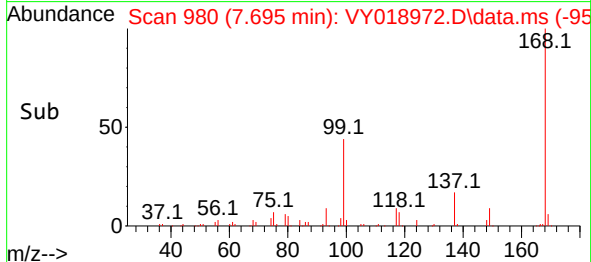
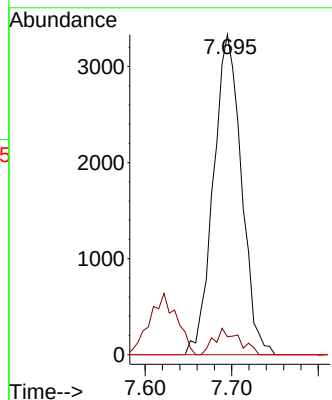
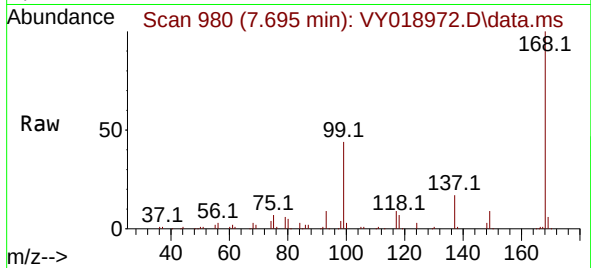




#36
1,1-Dichloropropene
Concen: 5.483 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018972.D
Acq: 09 Aug 2024 17:16

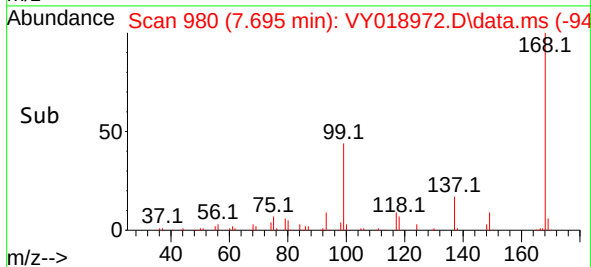
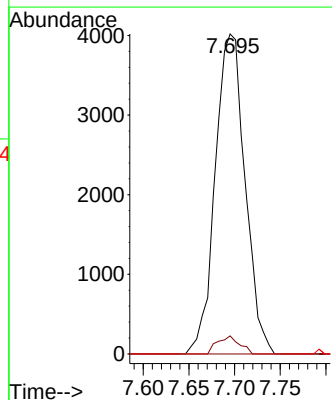
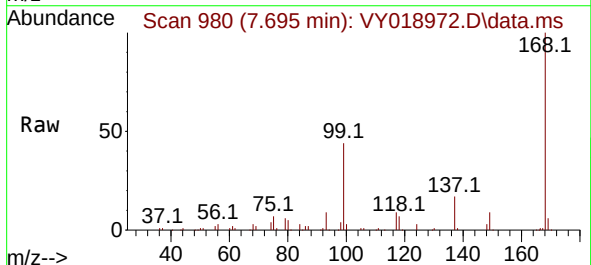
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-11-080724

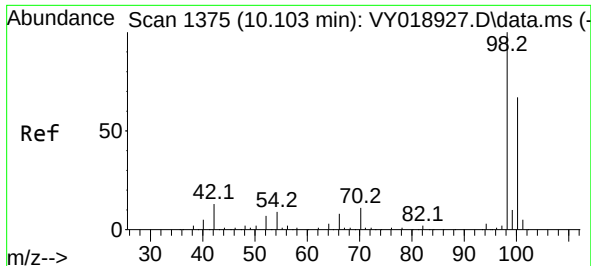
Tgt Ion: 75 Resp: 7491
Ion Ratio Lower Upper
75 100
110 7.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.831 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY018972.D
Acq: 09 Aug 2024 17:16

Tgt Ion: 117 Resp: 9135
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#

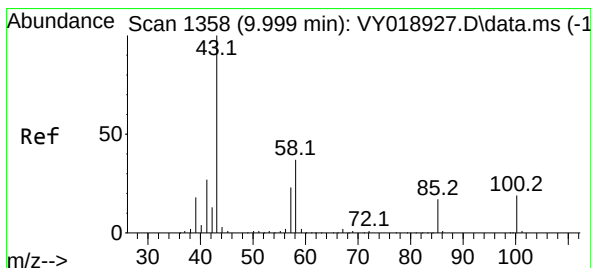
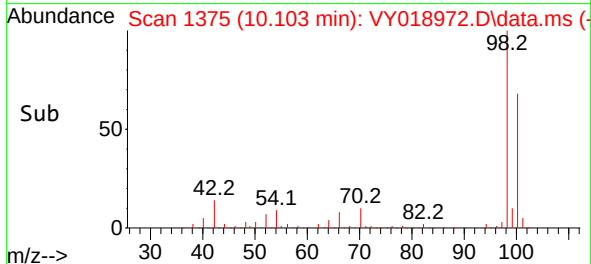
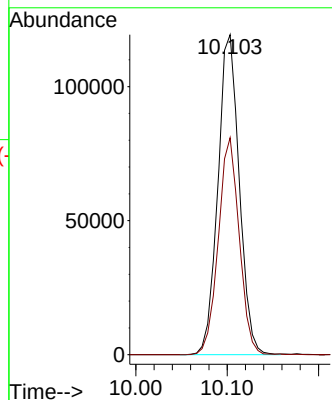
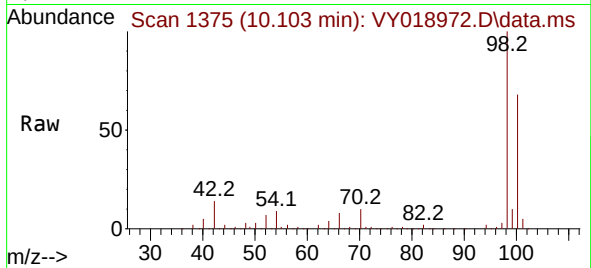




#50
Toluene-d8
Concen: 49.616 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY018972.D
Acq: 09 Aug 2024 17:16

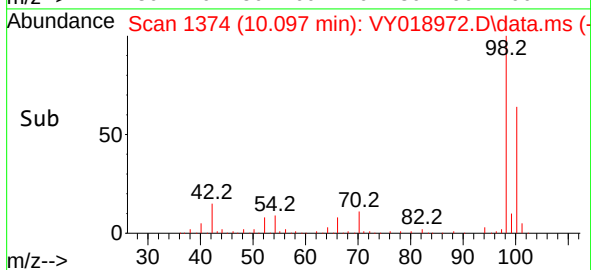
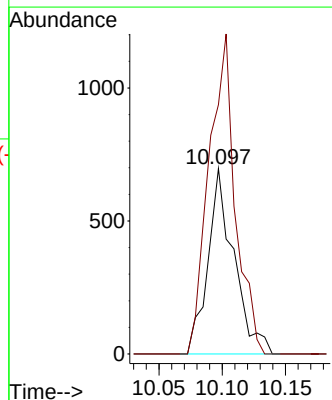
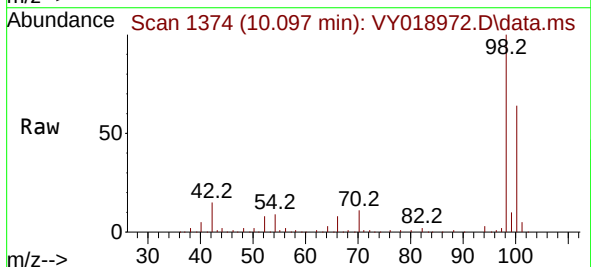
Instrument :
MSVOA_Y
ClientSampleId :
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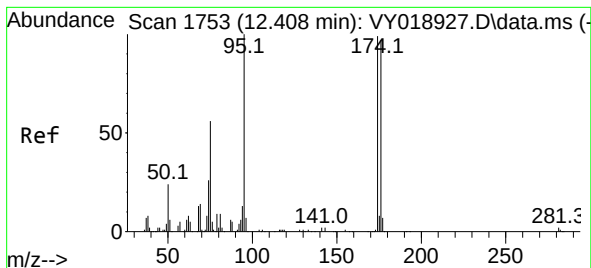
Tgt Ion: 98 Resp: 193970
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.515 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.098 min
Lab File: VY018972.D
Acq: 09 Aug 2024 17:16

Tgt Ion: 43 Resp: 992
Ion Ratio Lower Upper
43 100
58 176.0 35.7 53.5#

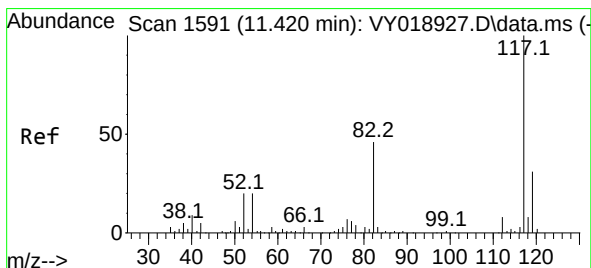
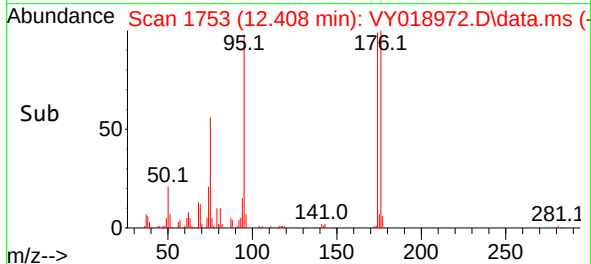
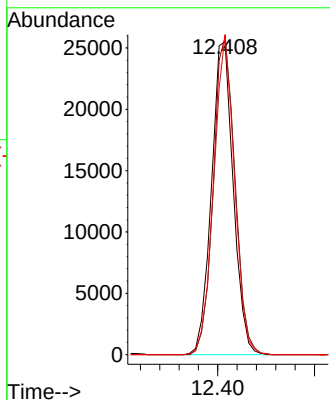
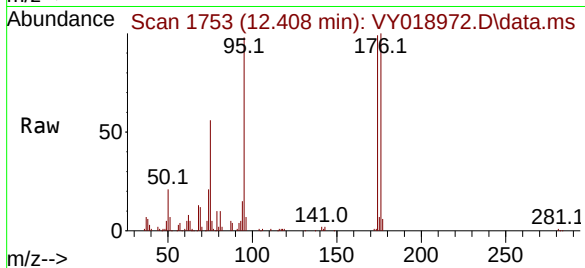




#62
4-Bromofluorobenzene
Concen: 34.388 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018972.D
Acq: 09 Aug 2024 17:16

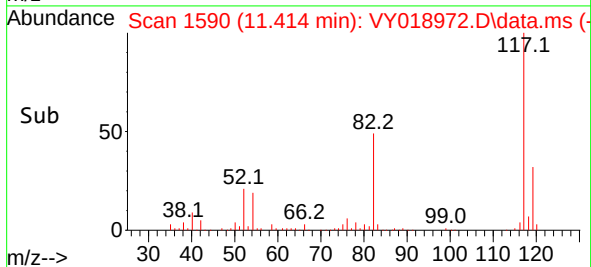
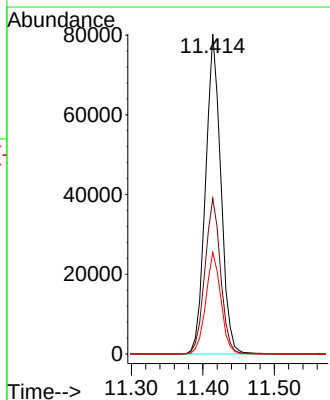
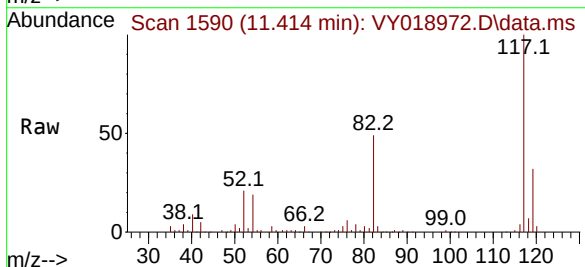
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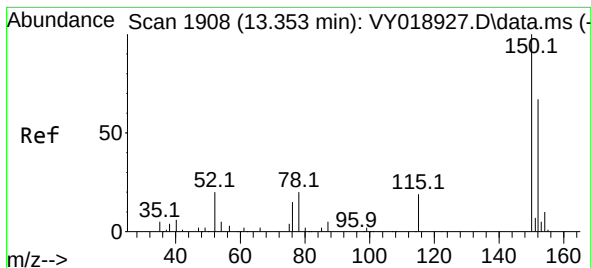
Tgt Ion:	95	Resp:	39885
Ion Ratio	Lower	Upper	
95	100		
174	100.6	0.0	175.6
176	97.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY018972.D
Acq: 09 Aug 2024 17:16

Tgt Ion:	117	Resp:	119227
Ion Ratio	Lower	Upper	
117	100		
82	48.6	42.4	63.6
119	31.7	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: VY018972.D

Acq: 09 Aug 2024 17:16

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-11-080724

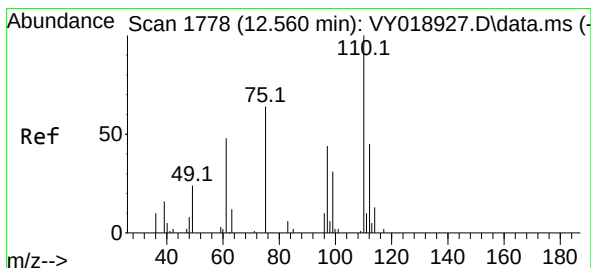
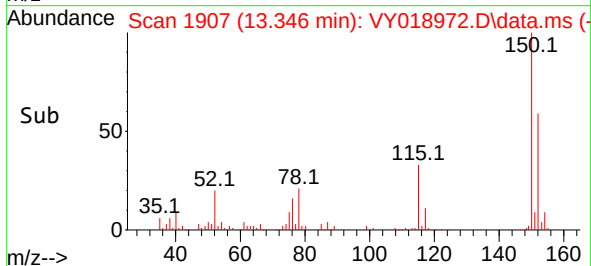
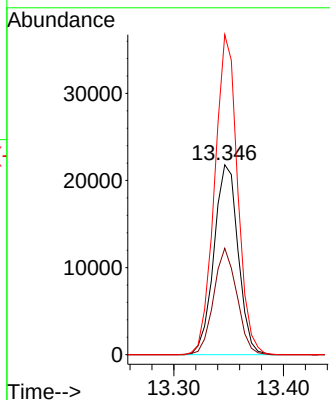
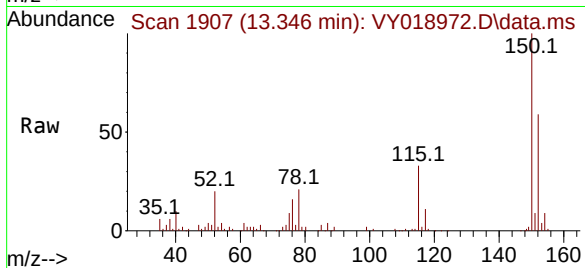
Tgt Ion:152 Resp: 33427

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 159.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 92.717 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.159 min

Lab File: VY018972.D

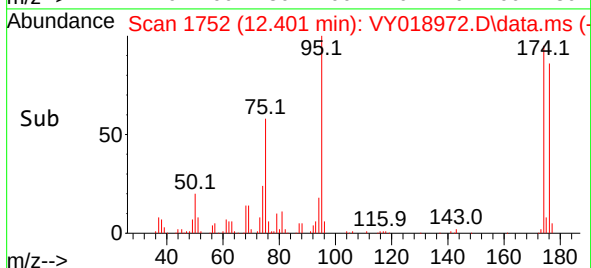
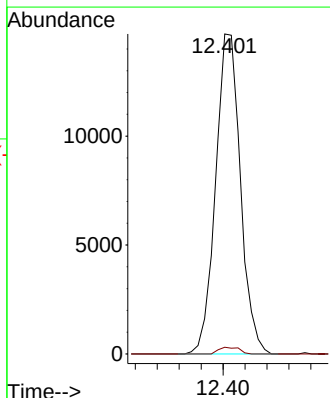
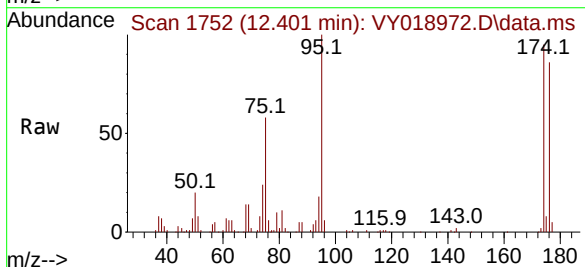
Acq: 09 Aug 2024 17:16

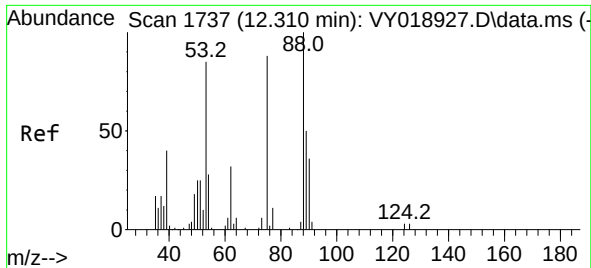
Tgt Ion: 75 Resp: 23089

Ion Ratio Lower Upper

75 100

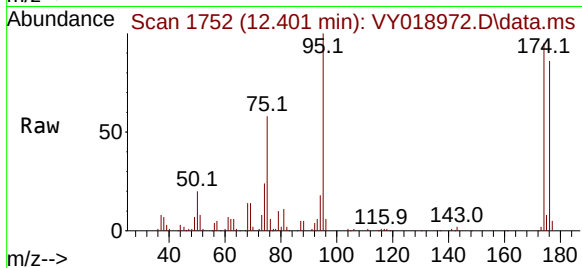
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 191.052 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.091 min
 Lab File: VY018972.D
 Acq: 09 Aug 2024 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-11-080724



Tgt Ion: 75 Resp: 23089
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

