

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018947.D
 Acq On : 08 Aug 2024 23:40
 Operator : SY/MD
 Sample : P3518-03
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-02-080724

Quant Time: Aug 09 05:13:58 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)

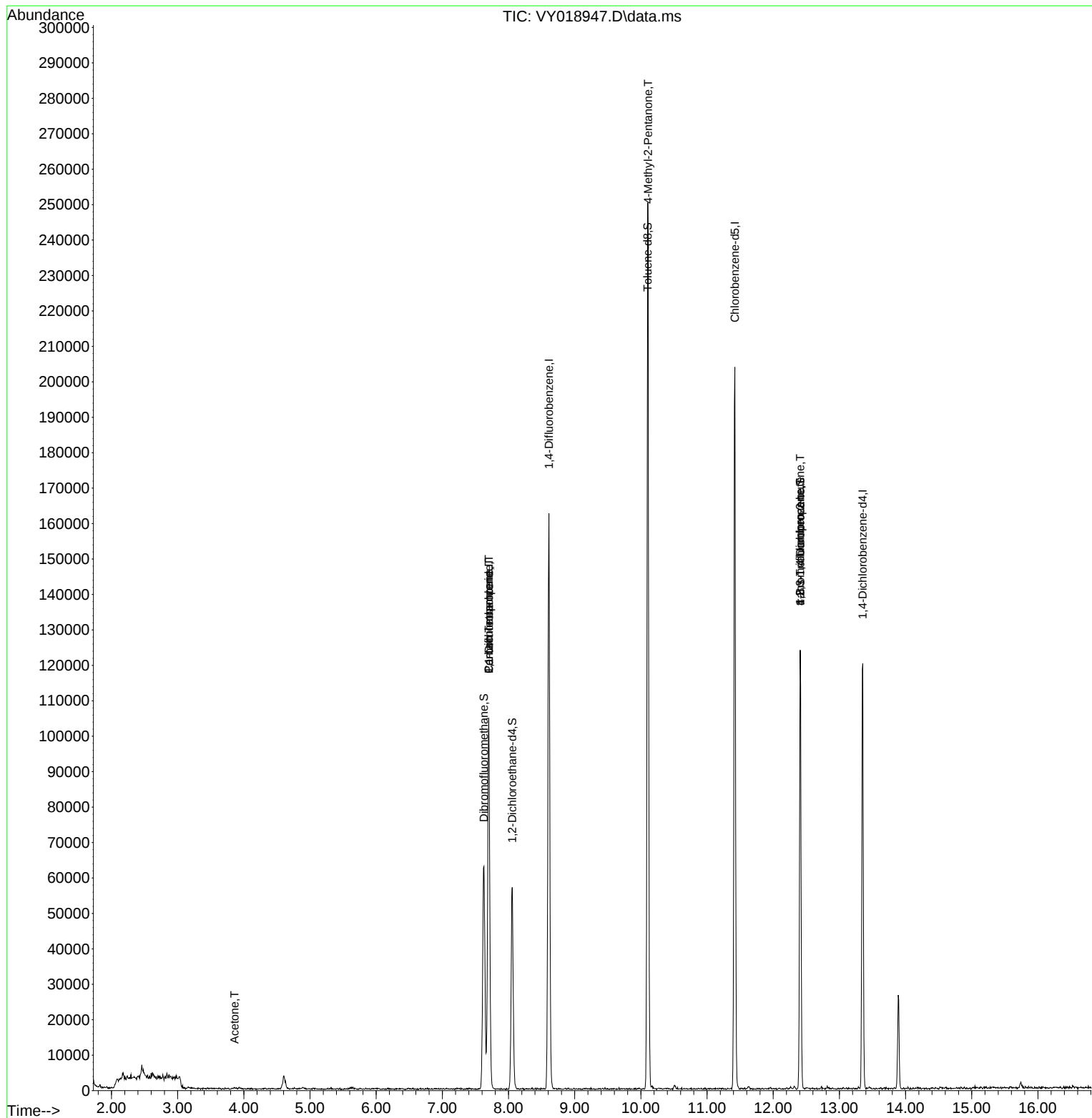
Internal Standards						
1) Pentafluorobenzene	7.701	168	85804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	137111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	98602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	28547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	35832	47.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.120%
35) Dibromofluoromethane	7.628	113	41187	47.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.060%
50) Toluene-d8	10.103	98	153914	45.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.520%
62) 4-Bromofluorobenzene	12.408	95	31079	31.144	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	62.280%
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	107	Below Cal	#	43
16) Acetone	3.860	43	417	14.559	ug/l	99
20) Methylene Chloride	4.598	84	2355	Below Cal	#	78
31) Cyclohexane	7.701	56	2160	Below Cal	#	66
36) 1,1-Dichloropropene	7.701	75	6241	5.309	ug/l	# 49
38) Carbon Tetrachloride	7.701	117	7796	5.784	ug/l	# 16
41) Methacrylonitrile	7.195	41	42	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.109	43	964	1.711	ug/l	# 1
76) 1,2,3-Trichloropropane	12.408	75	18965	89.175	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	18965	183.754	ug/l	# 16

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

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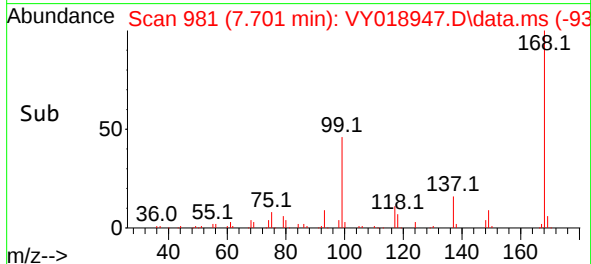
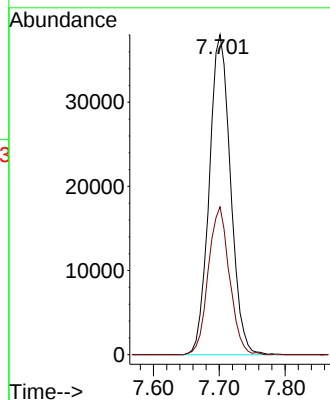
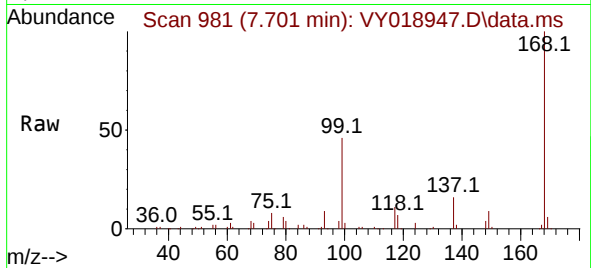




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

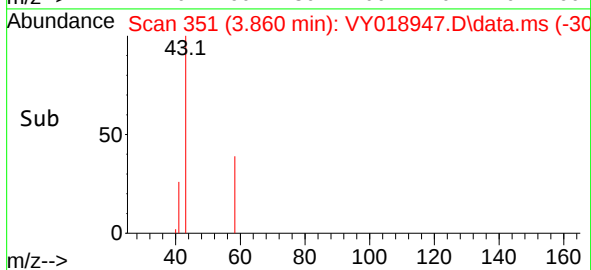
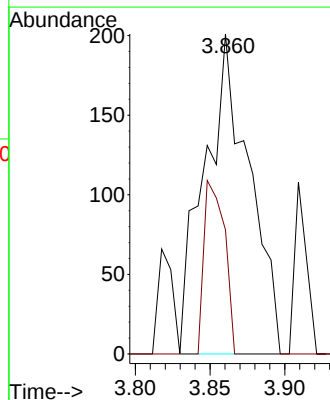
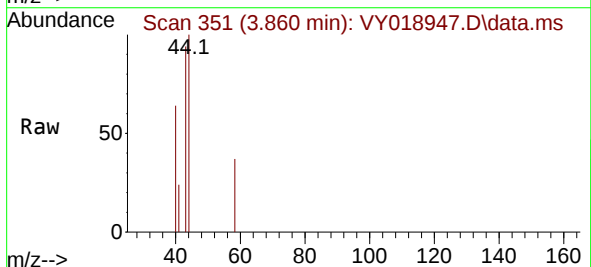
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-02-080724

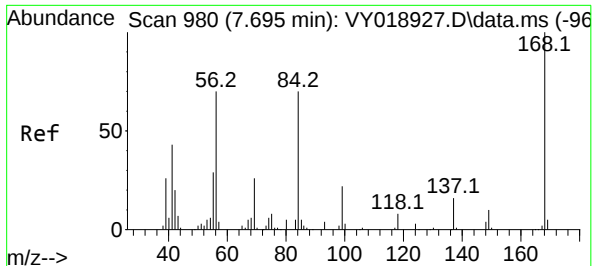
Tgt Ion:168 Resp: 85804
Ion Ratio Lower Upper
168 100
99 46.2 39.1 58.7



#16
Acetone
Concen: 14.559 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
58 38.8 31.7 47.5

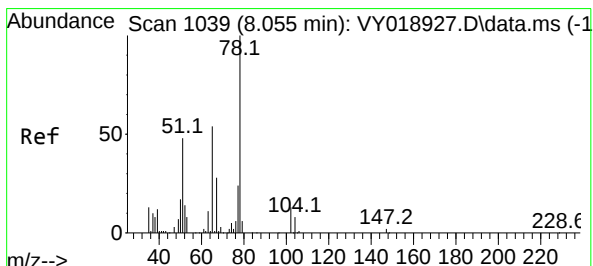
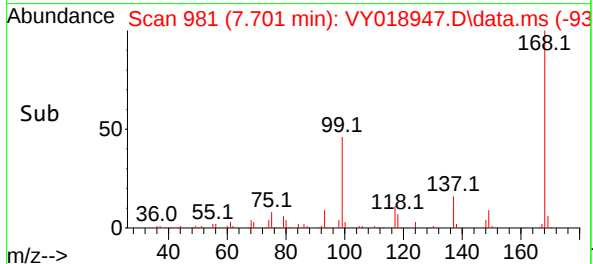
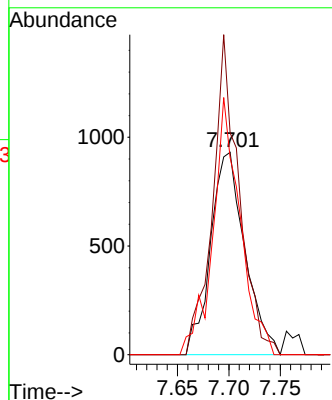
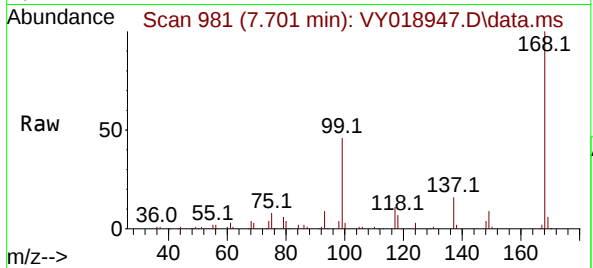




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

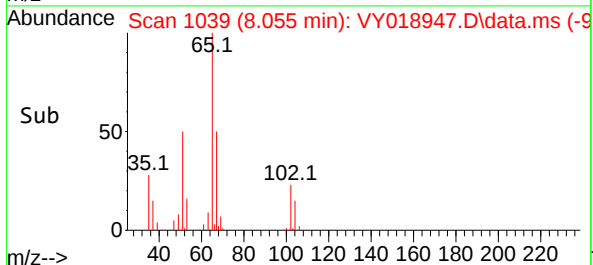
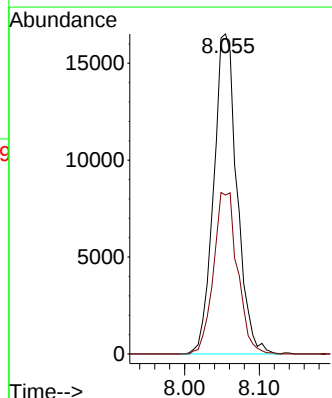
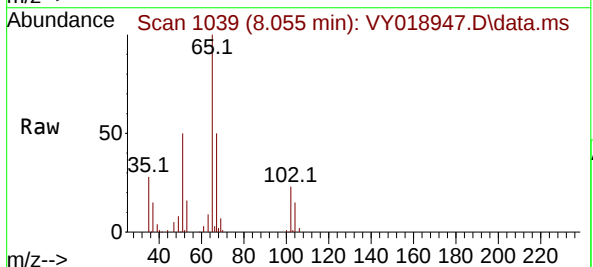
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-02-080724

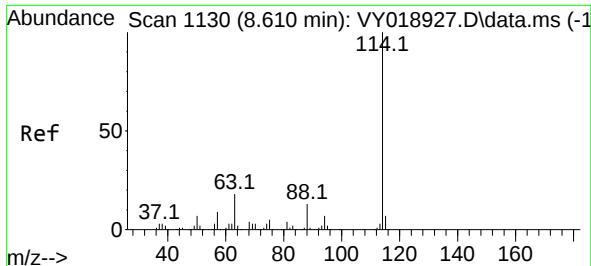
Tgt Ion: 56 Resp: 2160
Ion Ratio Lower Upper
56 100
69 109.6 28.7 43.1#
84 97.3 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 47.563 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

Tgt Ion: 65 Resp: 35832
Ion Ratio Lower Upper
65 100
67 52.0 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: VY018947.D

Acq: 08 Aug 2024 23:40

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-02-080724

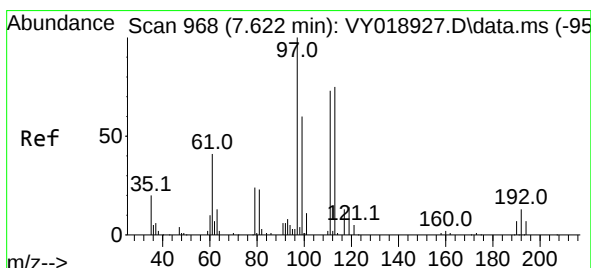
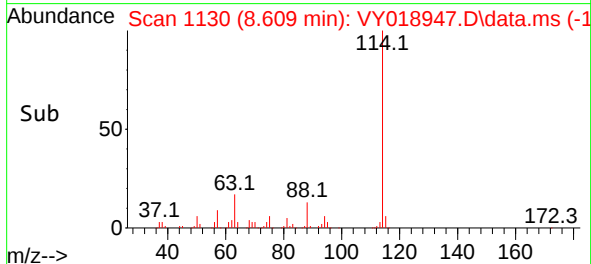
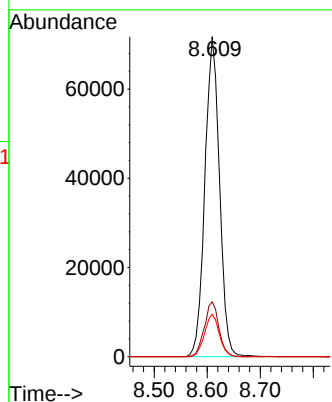
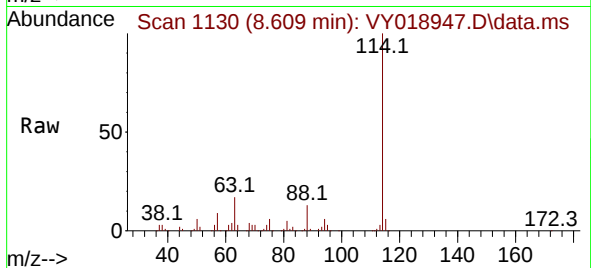
Tgt Ion:114 Resp: 137111

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.033 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY018947.D

Acq: 08 Aug 2024 23:40

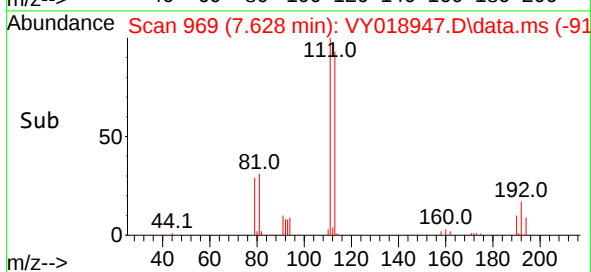
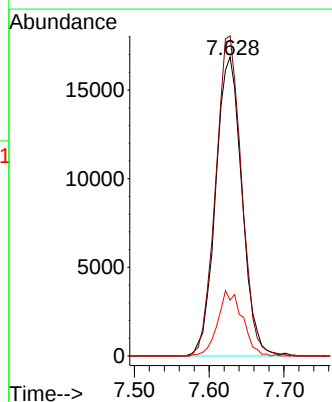
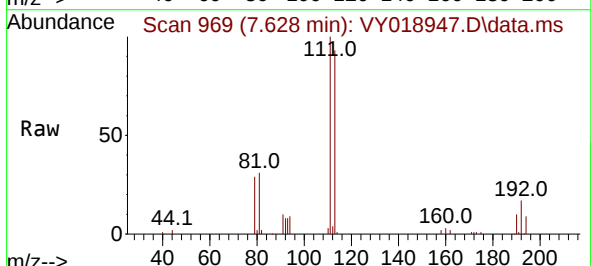
Tgt Ion:113 Resp: 41187

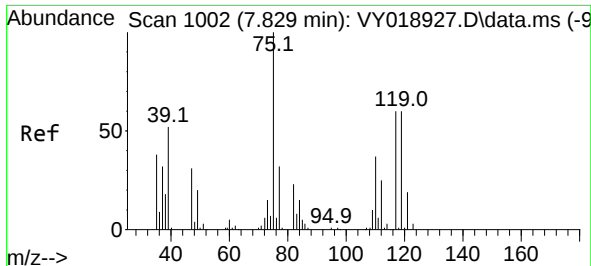
Ion Ratio Lower Upper

113 100

111 105.2 82.2 123.4

192 20.6 15.9 23.9

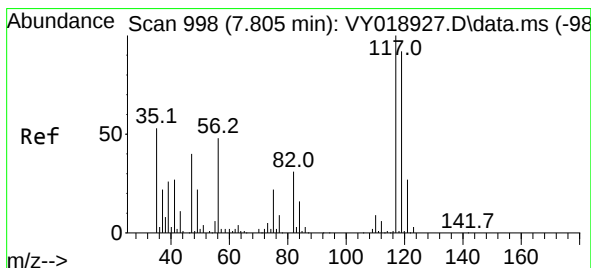
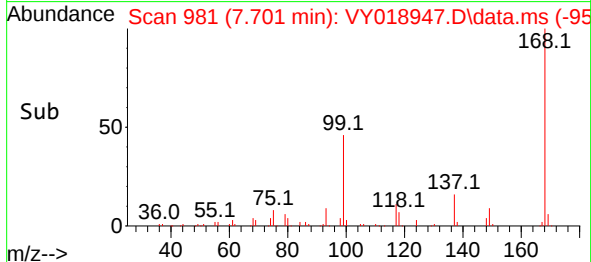
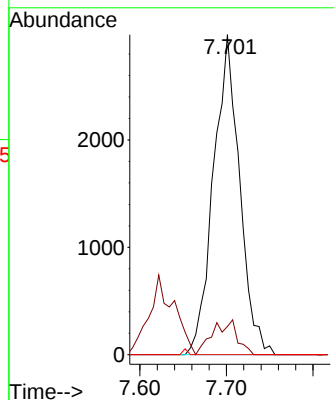
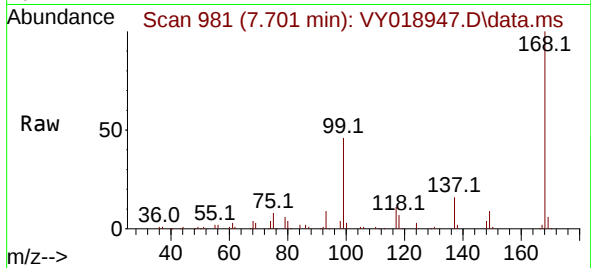




#36
1,1-Dichloropropene
Concen: 5.309 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

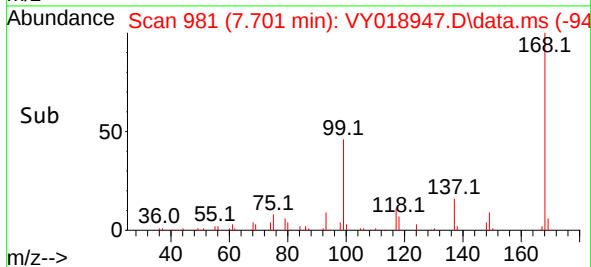
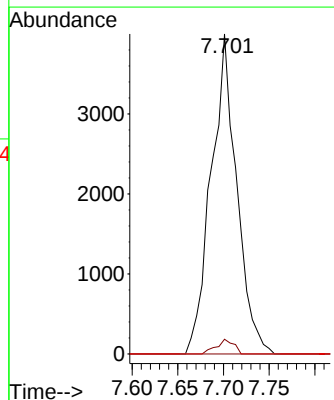
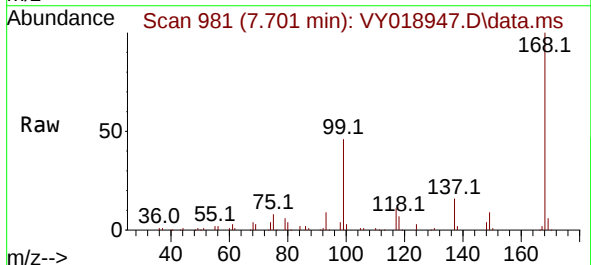
Instrument :
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ClientSampleId :
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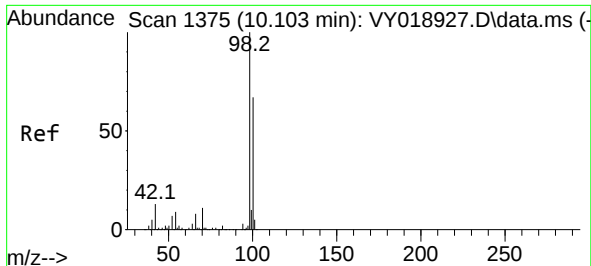
Tgt Ion: 75 Resp: 6241
Ion Ratio Lower Upper
75 100
110 10.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

Tgt Ion: 117 Resp: 7796
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.0 36.0#

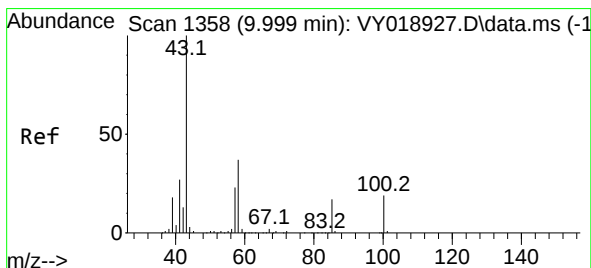
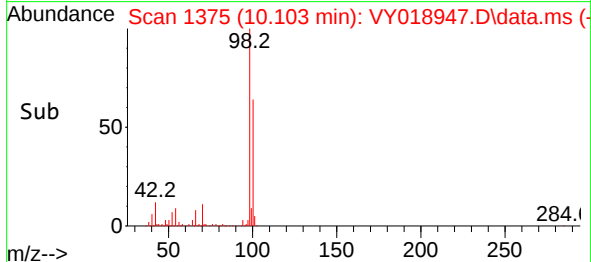
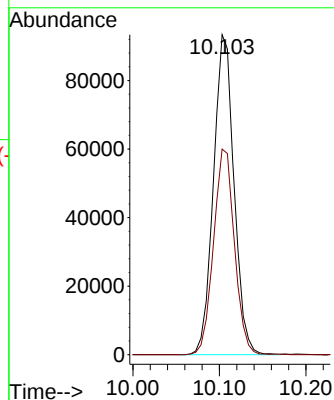
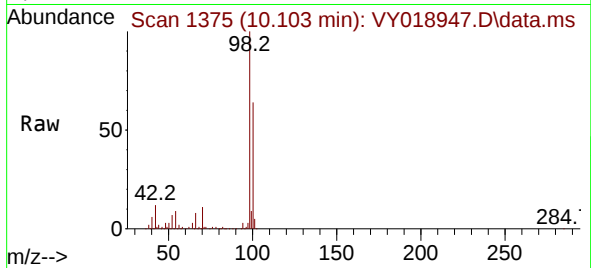




#50
Toluene-d8
Concen: 45.758 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

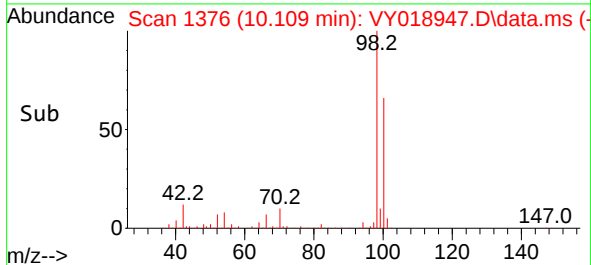
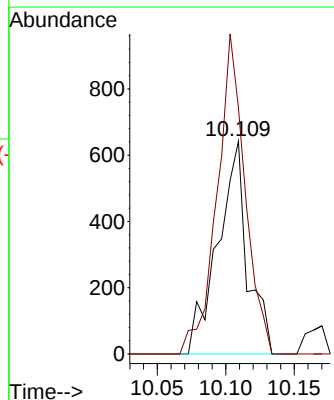
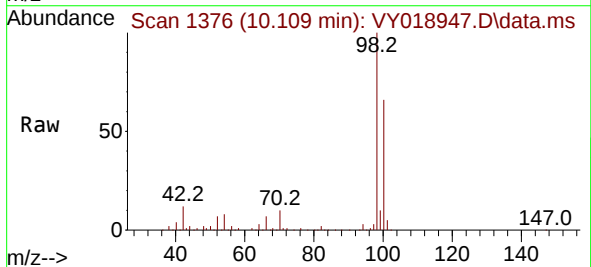
Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 153914
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.711 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.110 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

Tgt Ion: 43 Resp: 964
Ion Ratio Lower Upper
43 100
58 142.1 35.7 53.5#

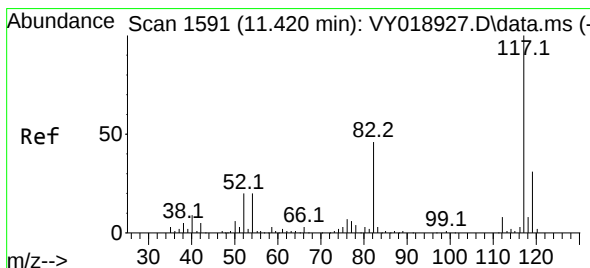
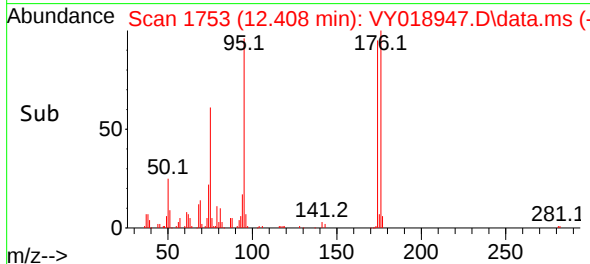
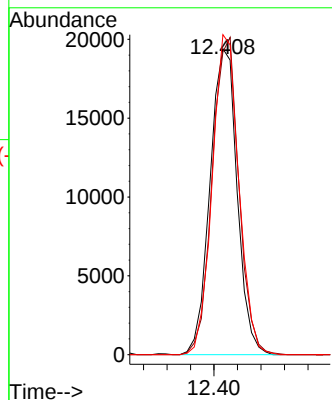
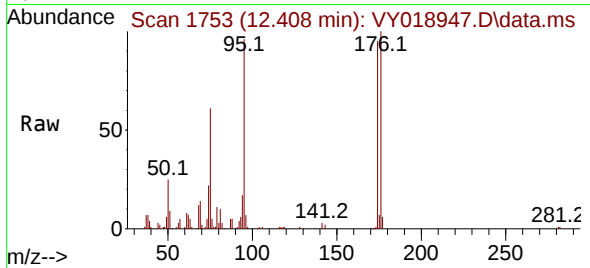




#62
4-Bromofluorobenzene
Concen: 31.144 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

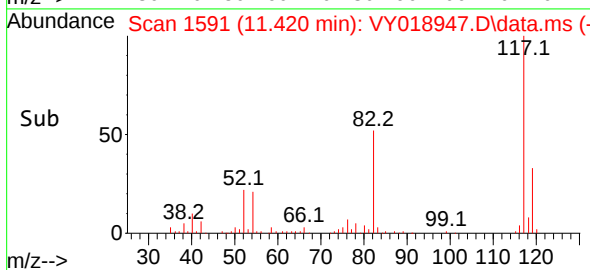
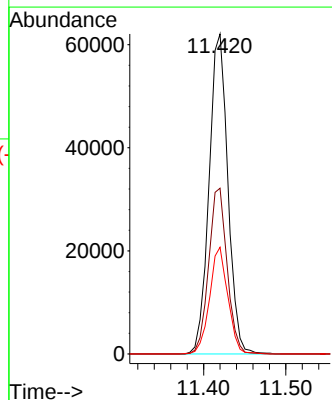
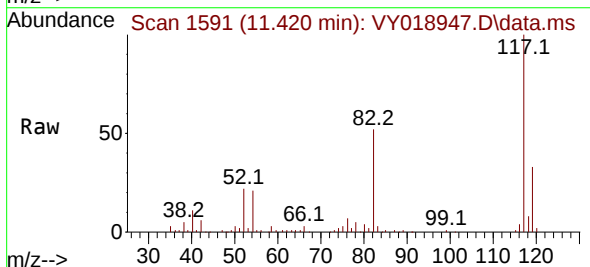
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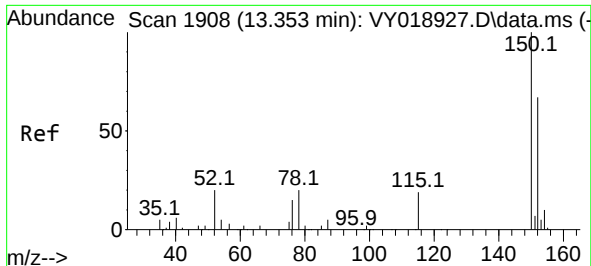
Tgt Ion:	95	Resp:	31079
Ion	Ratio	Lower	Upper
95	100		
174	101.9	0.0	175.6
176	102.1	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY018947.D
Acq: 08 Aug 2024 23:40

Tgt Ion:	117	Resp:	98602
Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.4	63.6
119	33.4	25.9	38.9

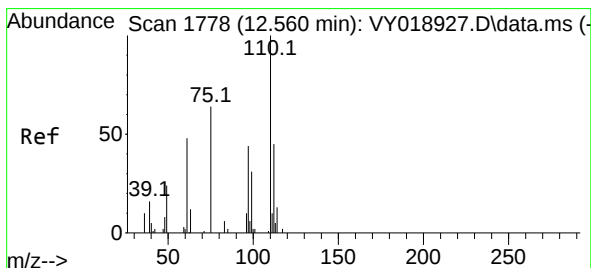
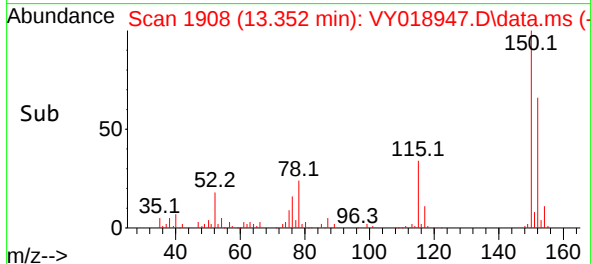
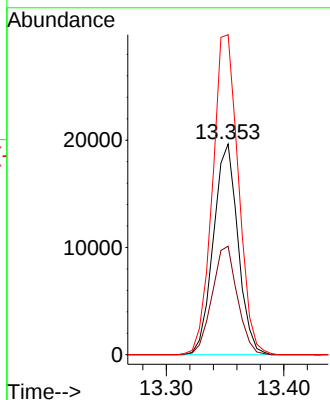
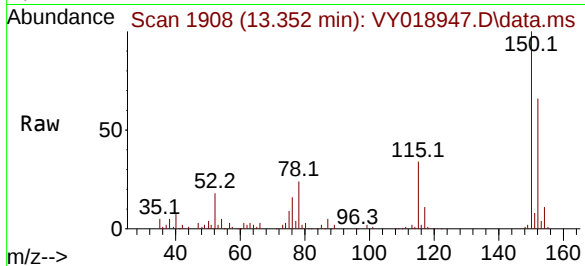




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY018947.D
 Acq: 08 Aug 2024 23:40

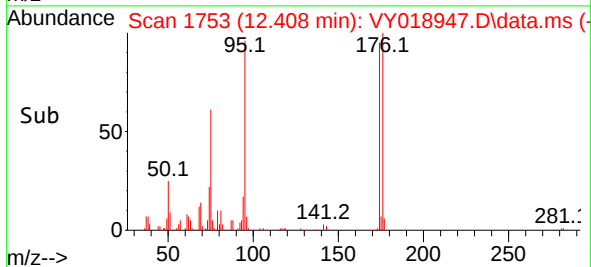
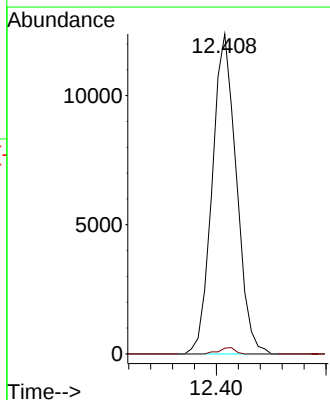
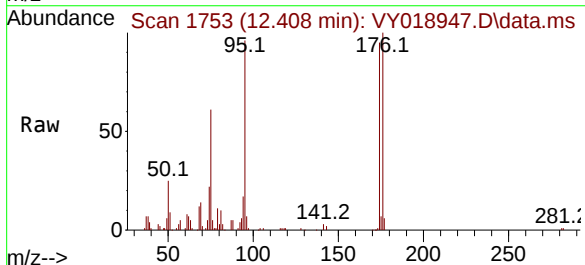
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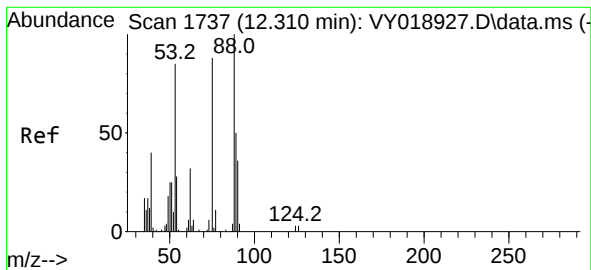
Tgt Ion:152 Resp: 28547
 Ion Ratio Lower Upper
 152 100
 115 53.2 28.2 84.7
 150 159.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 89.175 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY018947.D
 Acq: 08 Aug 2024 23:40

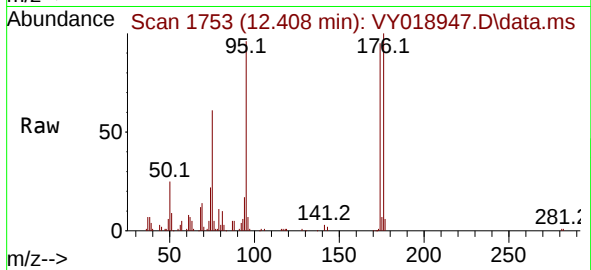
Tgt Ion: 75 Resp: 18965
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 183.754 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY018947.D
 Acq: 08 Aug 2024 23:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-02-080724



Tgt Ion: 75 Resp: 18965
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

