

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019030.D
 Acq On : 13 Aug 2024 15:30
 Operator : SY/MD
 Sample : P3519-13
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-22-080724RE

Quant Time: Aug 14 01:38:13 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)

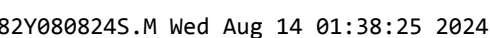
Internal Standards						
1) Pentafluorobenzene	7.695	168	50374	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	84265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	68396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	23025	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	23280	52.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.280%
35) Dibromofluoromethane	7.622	113	26776	49.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.103	98	96569	46.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.420%
62) 4-Bromofluorobenzene	12.407	95	22655	36.940	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.880%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.165	50	42	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	19	Below Cal	#	88
16) Acetone	3.854	43	210	14.270	ug/l #	36
20) Methylene Chloride	4.604	84	824	Below Cal	#	52
31) Cyclohexane	7.689	56	1290	Below Cal	#	47
36) 1,1-Dichloropropene	7.701	75	3693	5.112	ug/l #	45
38) Carbon Tetrachloride	7.695	117	4543	5.484	ug/l #	17
51) 4-Methyl-2-Pentanone	10.097	43	548	1.582	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	12720	74.155	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	12720	152.803	ug/l #	16

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

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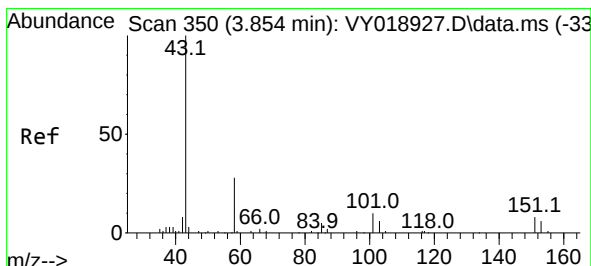
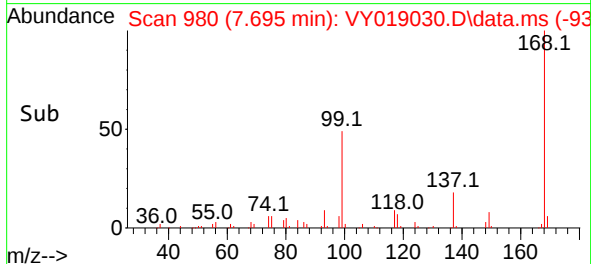
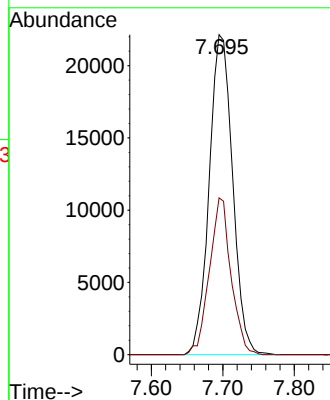
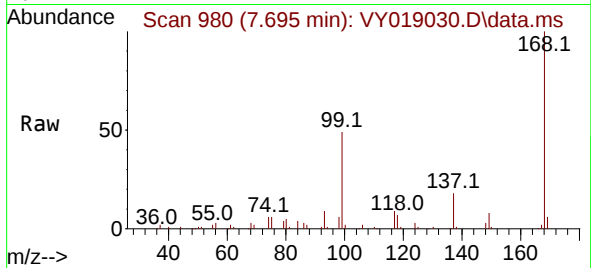




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019030.D
Acq: 13 Aug 2024 15:30

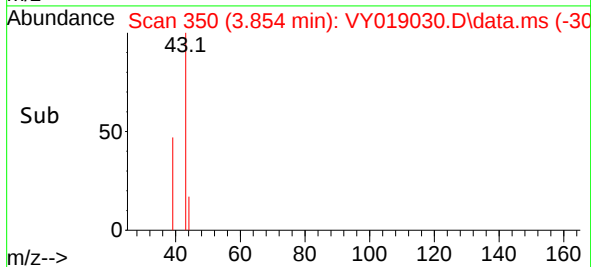
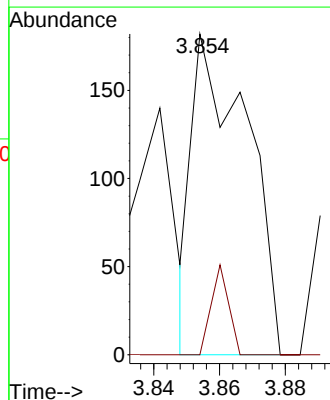
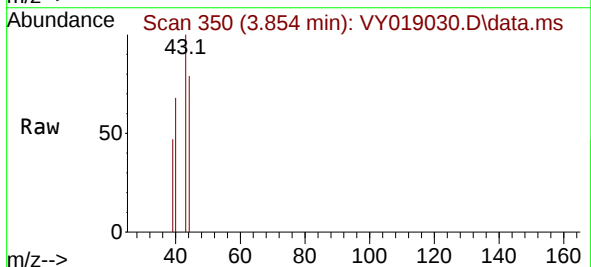
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-22-080724RE

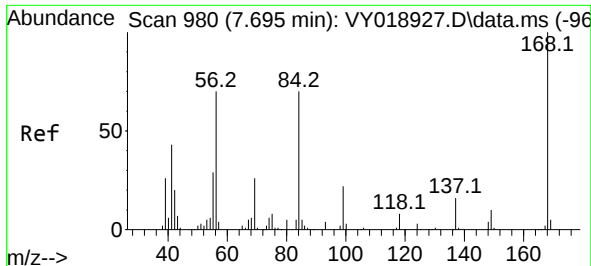
Tgt Ion:168 Resp: 50374
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#16
Acetone
Concen: 14.270 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY019030.D
Acq: 13 Aug 2024 15:30

Tgt Ion: 43 Resp: 210
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

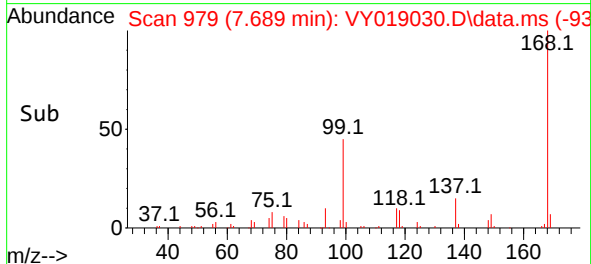
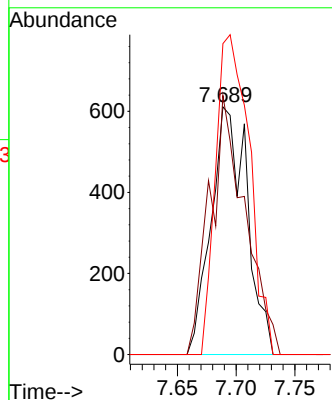
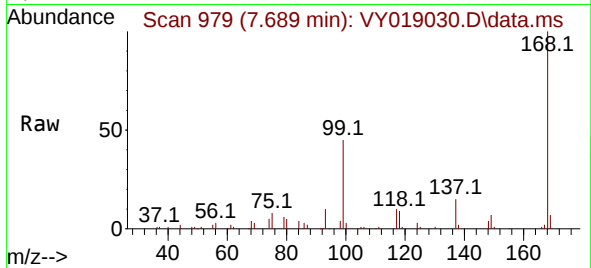




#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019030.D
Acq: 13 Aug 2024 15:30

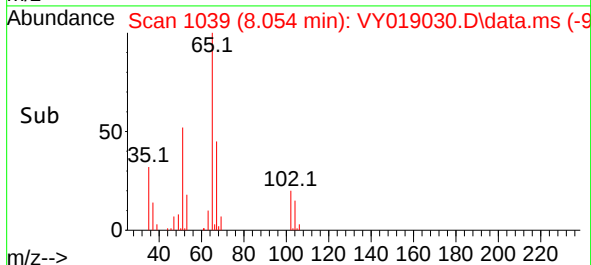
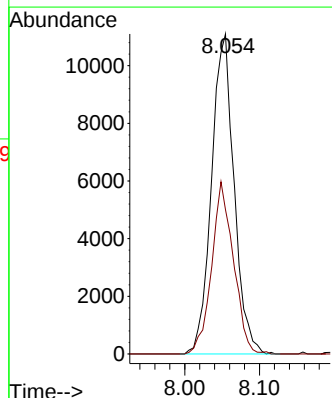
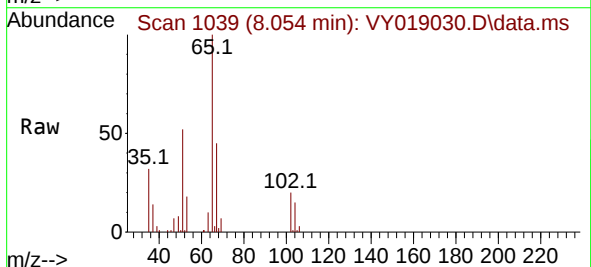
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-22-080724RE

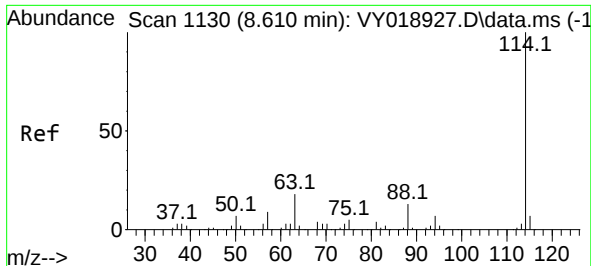
Tgt Ion: 56 Resp: 1290
Ion Ratio Lower Upper
56 100
69 104.6 28.7 43.1#
84 125.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.636 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019030.D
Acq: 13 Aug 2024 15:30

Tgt Ion: 65 Resp: 23280
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6

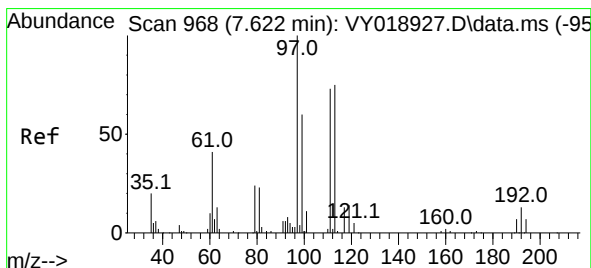
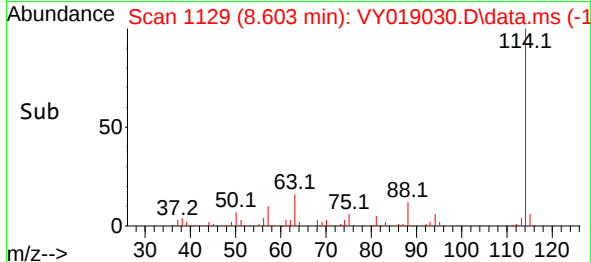
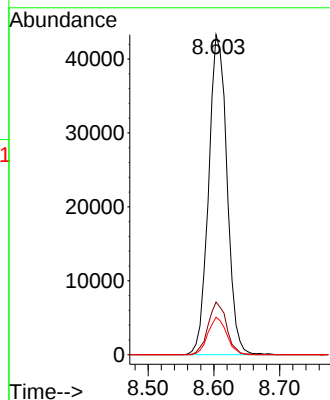
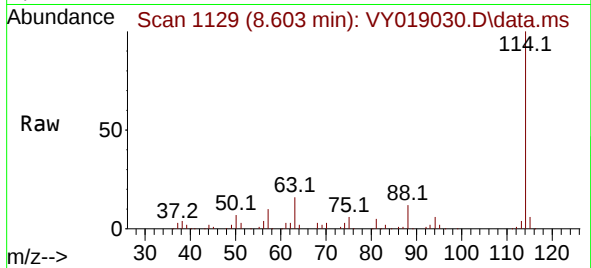




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY019030.D
Acq: 13 Aug 2024 15:30

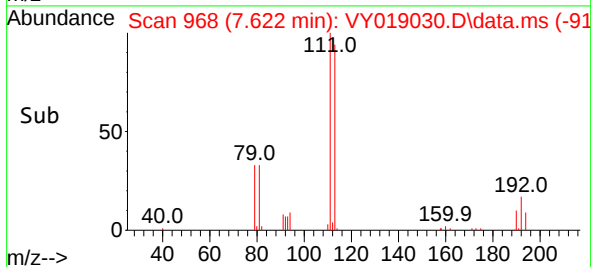
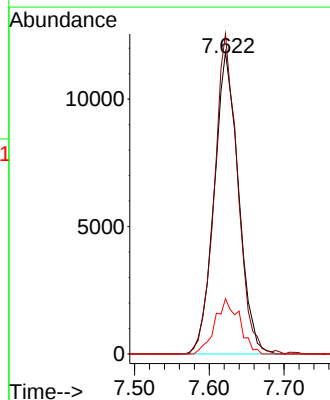
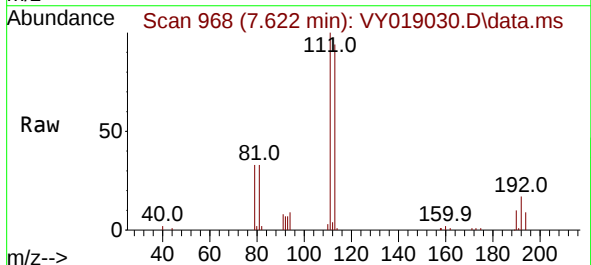
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-22-080724RE

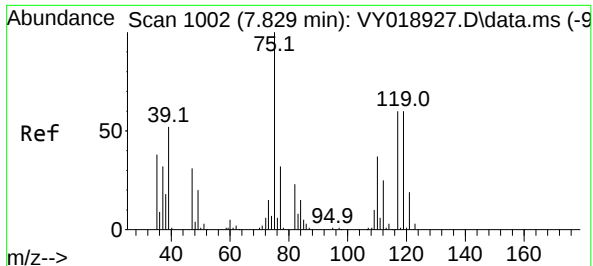
Tgt Ion:114 Resp: 84265
Ion Ratio Lower Upper
114 100
63 16.4 0.0 35.0
88 11.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.752 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY019030.D
Acq: 13 Aug 2024 15:30

Tgt Ion:113 Resp: 26776
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 18.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.112 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY019030.D

Acq: 13 Aug 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-22-080724RE

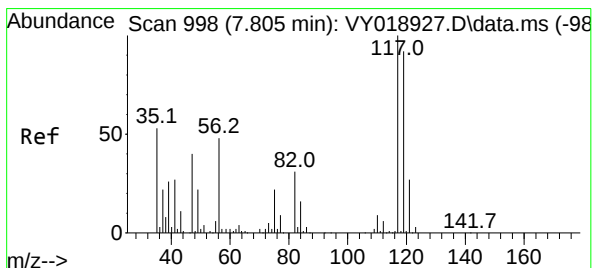
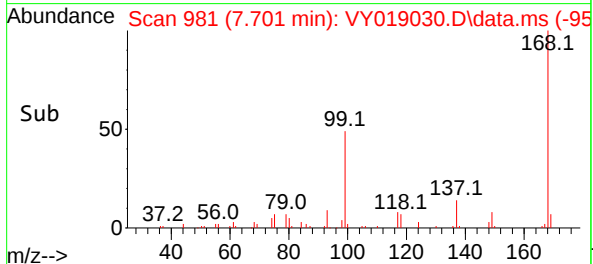
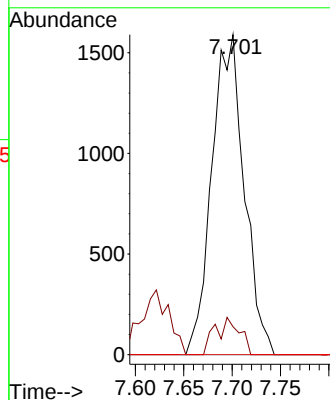
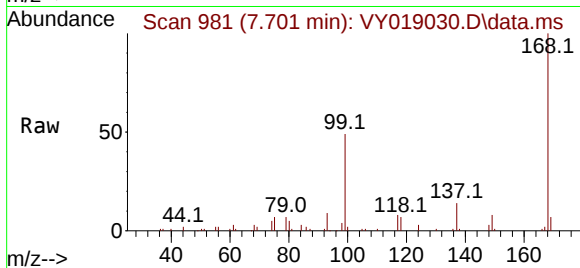
Tgt Ion: 75 Resp: 3693

Ion Ratio Lower Upper

75 100

110 5.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.484 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY019030.D

Acq: 13 Aug 2024 15:30

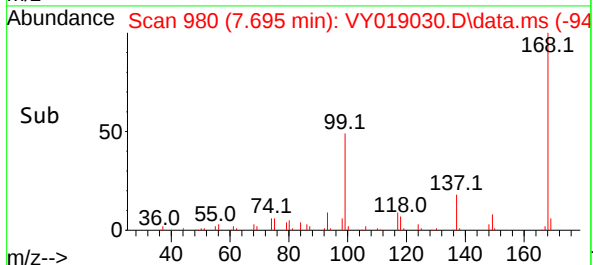
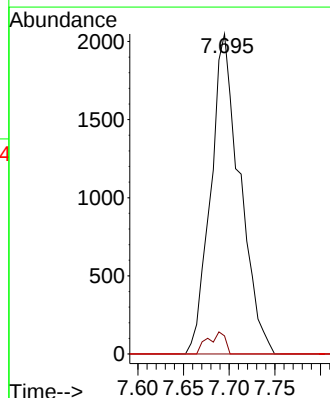
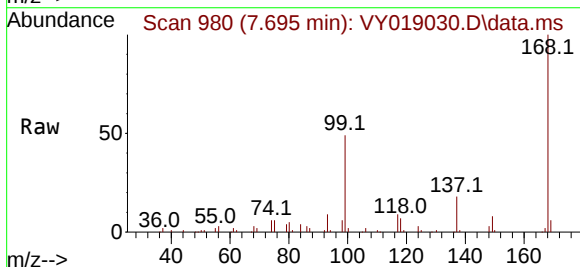
Tgt Ion: 117 Resp: 4543

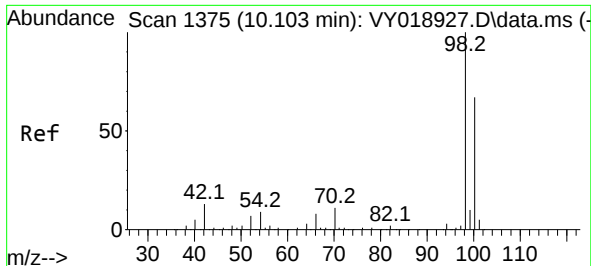
Ion Ratio Lower Upper

117 100

119 5.7 75.8 113.6#

121 0.0 24.0 36.0#

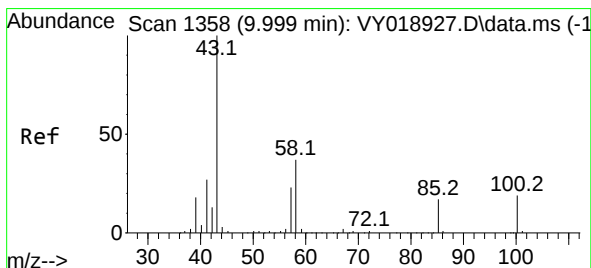
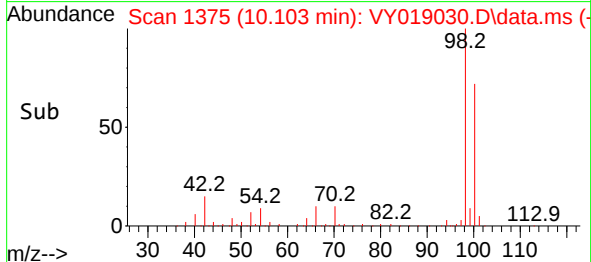
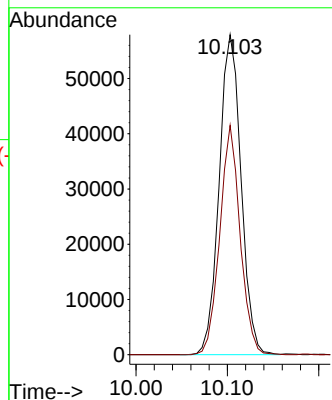
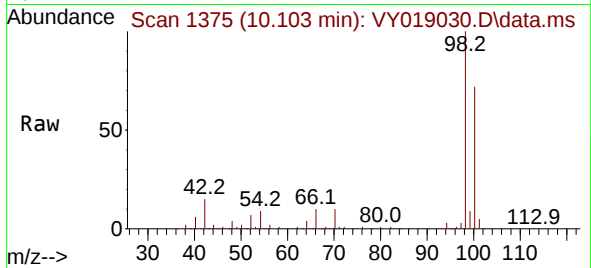




#50
Toluene-d8
Concen: 46.715 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019030.D
Acq: 13 Aug 2024 15:30

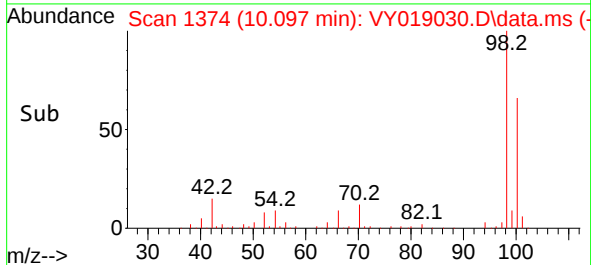
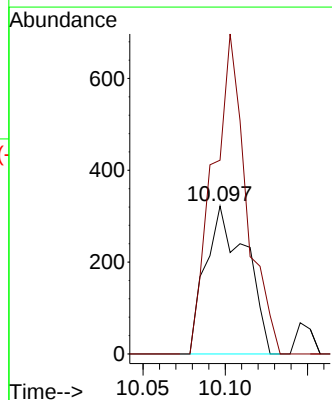
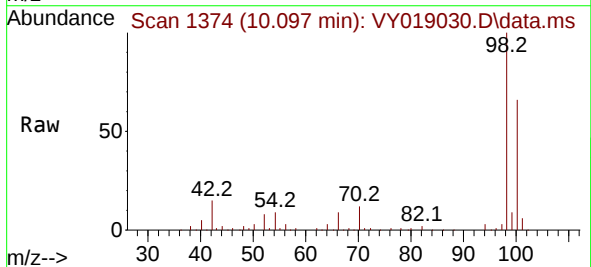
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-22-080724RE

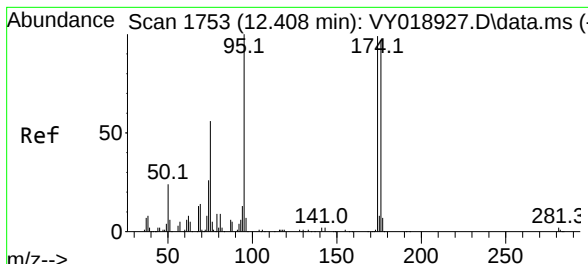
Tgt Ion: 98 Resp: 96569
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.582 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.097 min
Lab File: VY019030.D
Acq: 13 Aug 2024 15:30

Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
58 179.6 35.7 53.5#

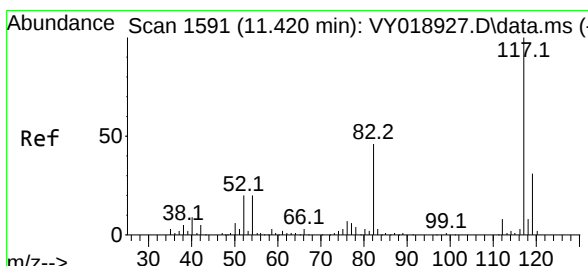
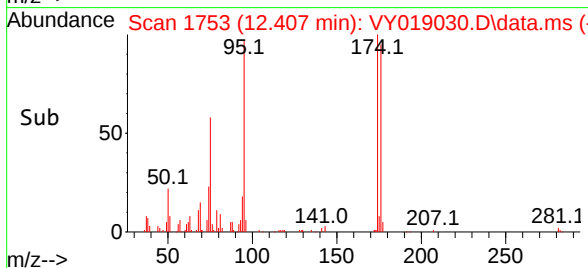
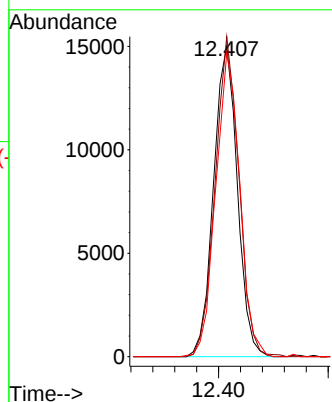
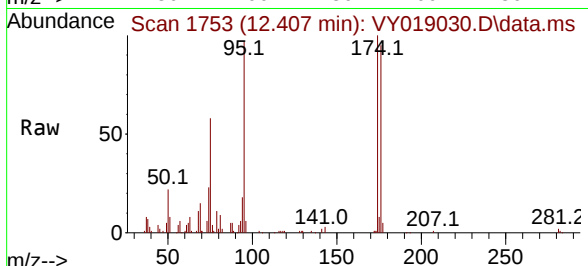




#62
 4-Bromofluorobenzene
 Concen: 36.940 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY019030.D
 Acq: 13 Aug 2024 15:30

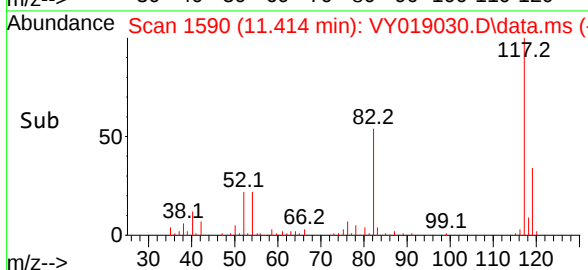
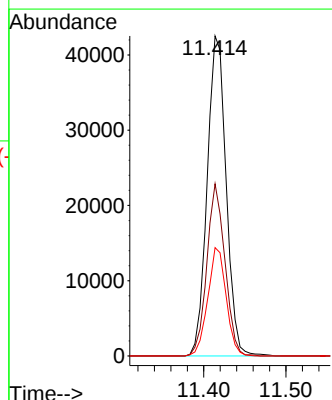
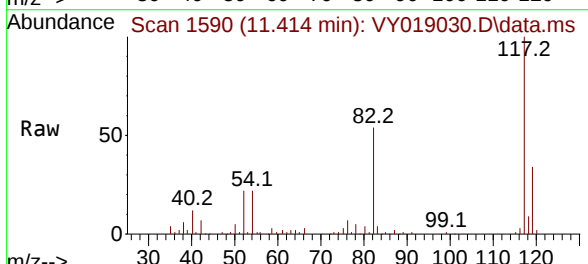
Instrument :
 MSVOA_Y
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 OU4-TS-22-080724RE

Tgt Ion:	95	Resp:	22655
Ion Ratio	Lower	Upper	
95	100		
174	102.7	0.0	175.6
176	98.7	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: VY019030.D
 Acq: 13 Aug 2024 15:30

Tgt Ion:	117	Resp:	68396
Ion Ratio	Lower	Upper	
117	100		
82	53.8	42.4	63.6
119	33.8	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: VY019030.D

Acq: 13 Aug 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-22-080724RE

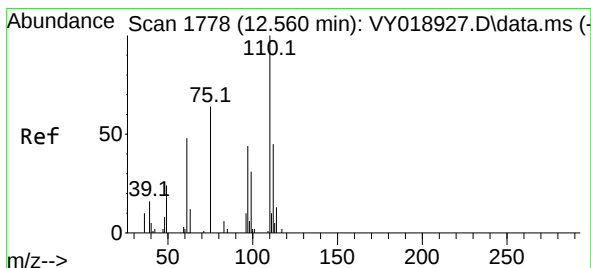
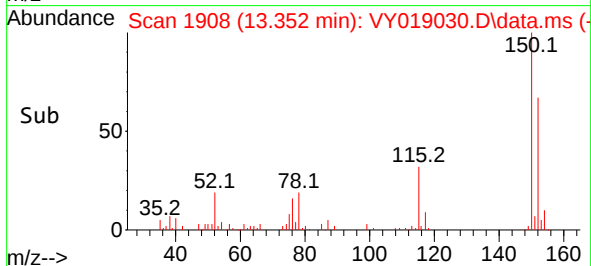
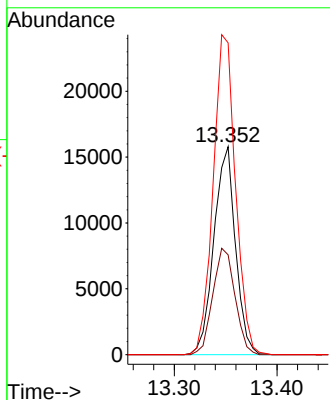
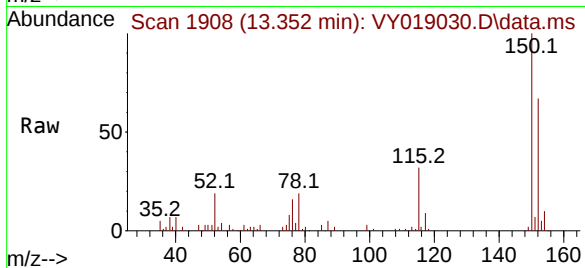
Tgt Ion:152 Resp: 23025

Ion Ratio Lower Upper

152 100

115 52.6 28.2 84.7

150 159.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 74.155 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY019030.D

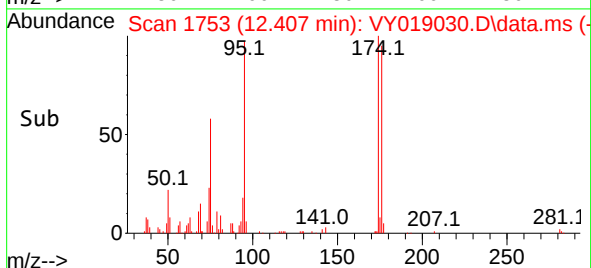
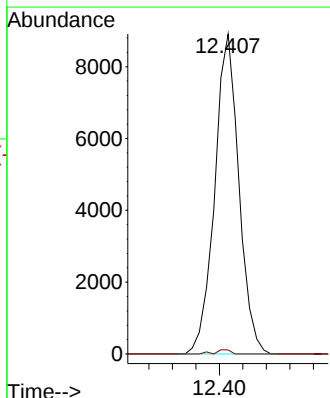
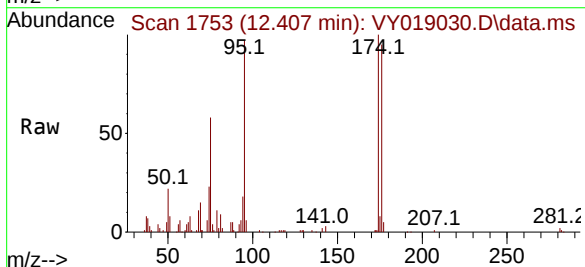
Acq: 13 Aug 2024 15:30

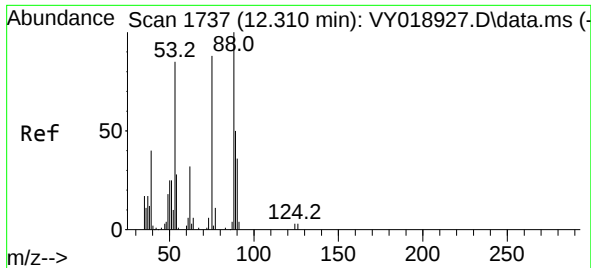
Tgt Ion: 75 Resp: 12720

Ion Ratio Lower Upper

75 100

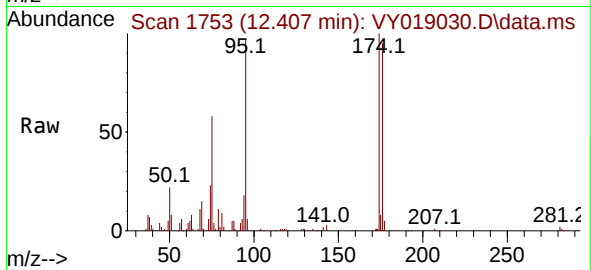
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.803 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY019030.D
 Acq: 13 Aug 2024 15:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-22-080724RE



Tgt Ion:	75	Resp:	12720
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.3	35.8	53.6#

