

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018976.D
 Acq On : 09 Aug 2024 18:55
 Operator : SY/MD
 Sample : P3518-29
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-15-080724

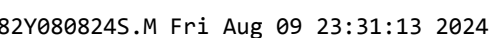
Quant Time: Aug 09 23:31:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	105682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	167228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	122848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	36212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	49339	53.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.340%	
35) Dibromofluoromethane	7.622	113	54724	51.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.480%	
50) Toluene-d8	10.103	98	204221	49.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.560%	
62) 4-Bromofluorobenzene	12.408	95	40295	33.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 66.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.056	50	19	Below Cal	#	1
13) Acrolein	3.757	56	21	Below Cal	#	15
16) Acetone	3.848	43	1379	17.987	ug/l	89
20) Methylene Chloride	4.604	84	1198	Below Cal	#	74
25) 2-Butanone	6.878	43	371	1.235	ug/l	98
31) Cyclohexane	7.695	56	2346	Below Cal	#	46
36) 1,1-Dichloropropene	7.701	75	7578	5.286	ug/l #	49
38) Carbon Tetrachloride	7.695	117	9801	5.962	ug/l #	16
41) Methacrylonitrile	7.067	41	20	Below Cal	#	15
49) 1,4-Dioxane	9.365	88	26	3.571	ug/l #	20
51) 4-Methyl-2-Pentanone	10.103	43	1047	1.523	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	23157	85.839	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	23157	176.878	ug/l #	16

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

Quant Time: Aug 09 23:31:03 2024
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Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

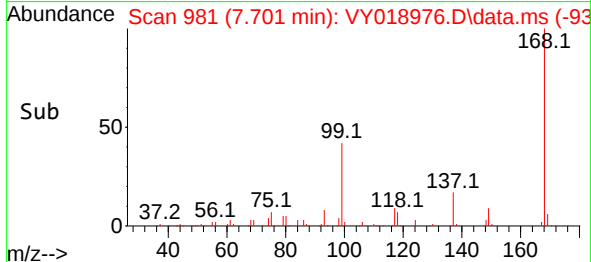
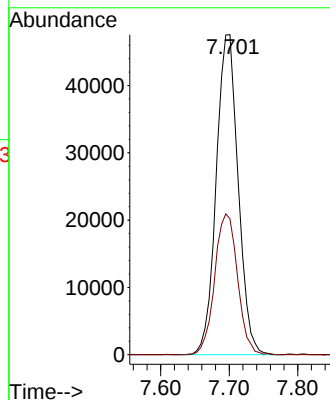
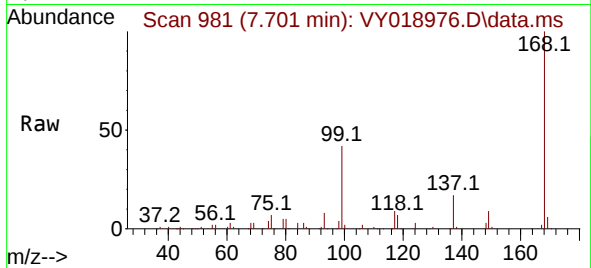




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

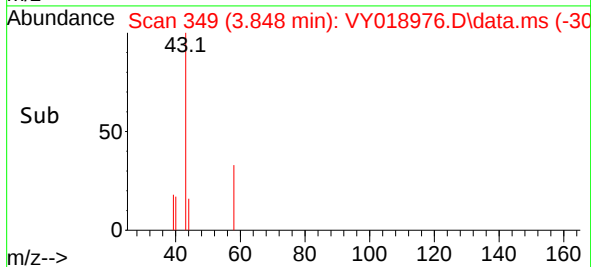
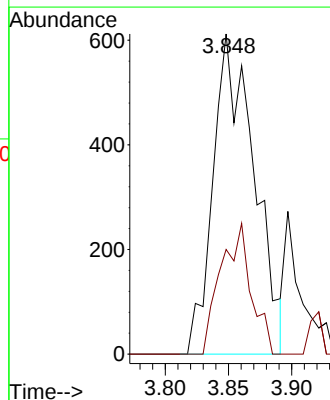
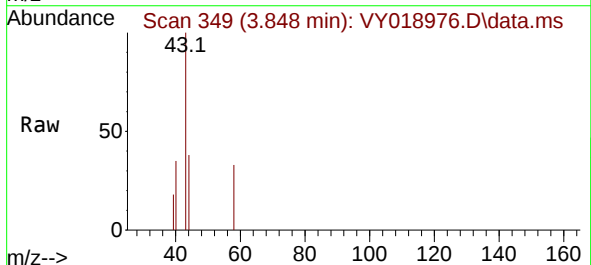
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-15-080724

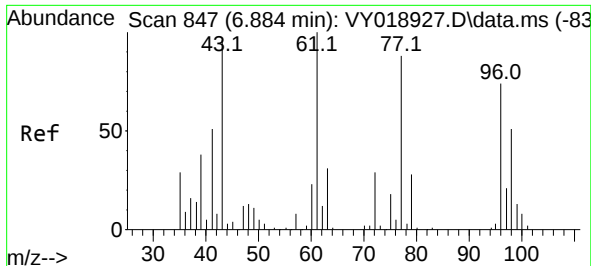
Tgt Ion:168 Resp: 105682
Ion Ratio Lower Upper
168 100
99 42.5 39.1 58.7



#16
Acetone
Concen: 17.987 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 32.7 31.7 47.5





#25

2-Butanone

Concen: 1.235 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY018976.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_Y

ClientSampleId :

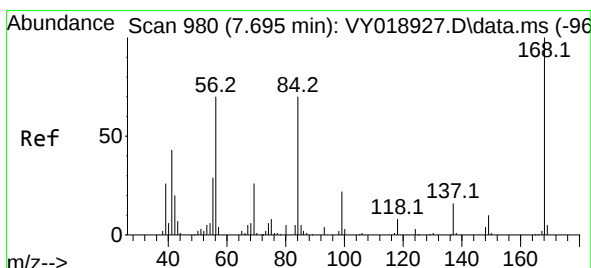
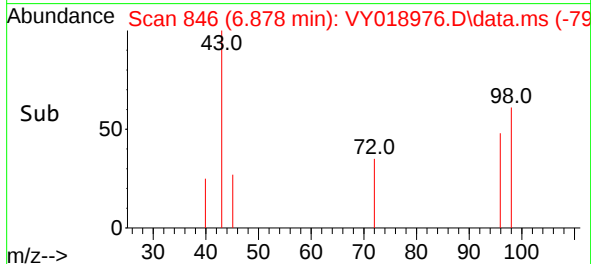
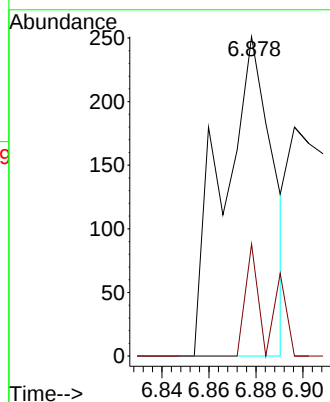
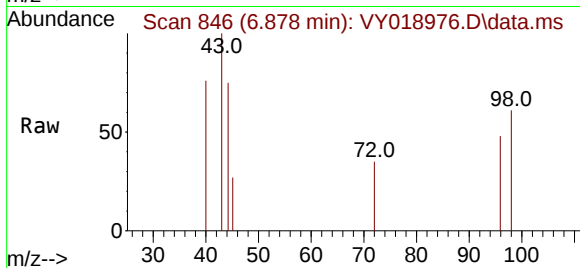
OU4-TS-15-080724

Tgt Ion: 43 Resp: 371

Ion Ratio Lower Upper

43 100

72 35.1 27.3 40.9



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY018976.D

Acq: 09 Aug 2024 18:55

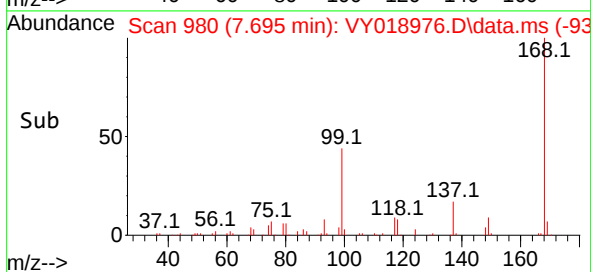
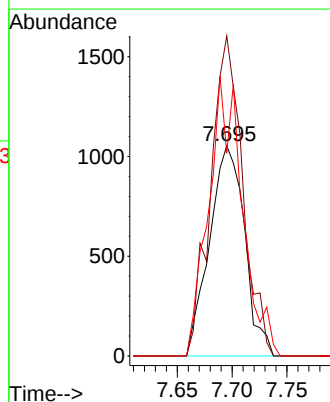
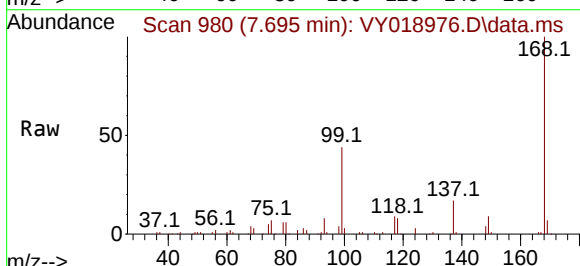
Tgt Ion: 56 Resp: 2346

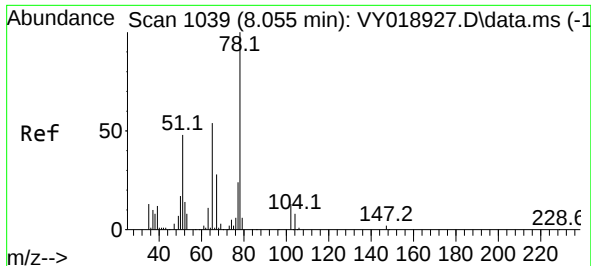
Ion Ratio Lower Upper

56 100

69 152.2 28.7 43.1#

84 96.4 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 53.174 ug/l

RT: 8.049 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY018976.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_Y

ClientSampleId :

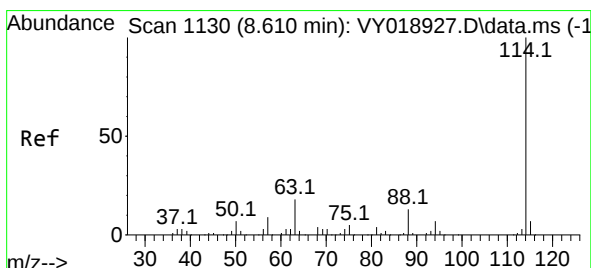
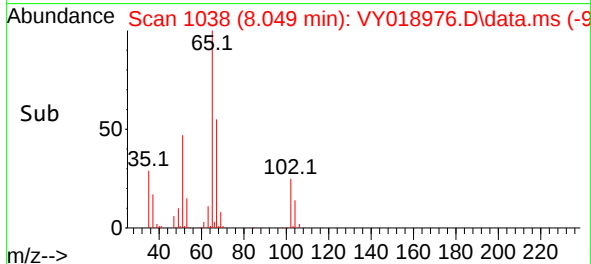
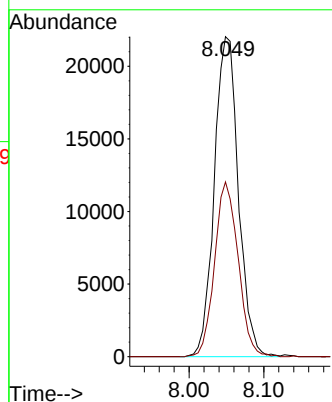
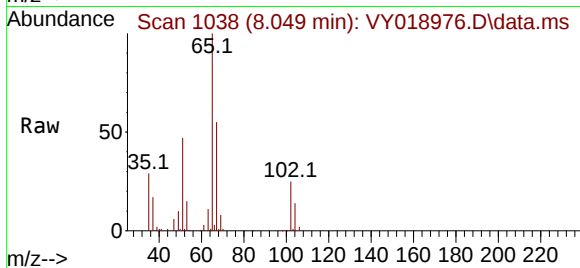
OU4-TS-15-080724

Tgt Ion: 65 Resp: 49339

Ion Ratio Lower Upper

65 100

67 53.4 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: VY018976.D

Acq: 09 Aug 2024 18:55

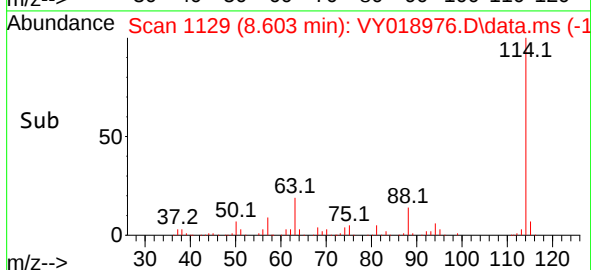
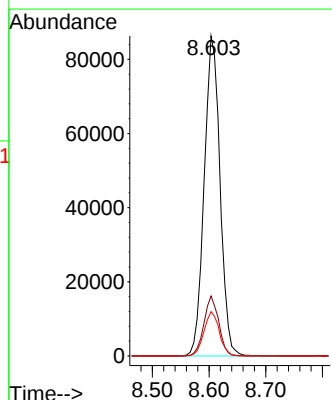
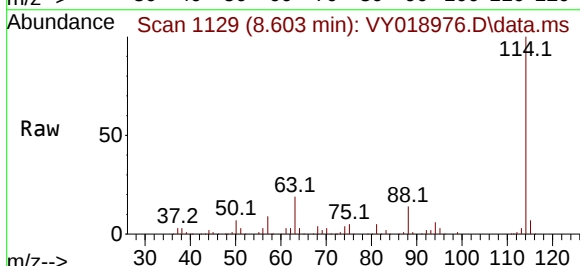
Tgt Ion: 114 Resp: 167228

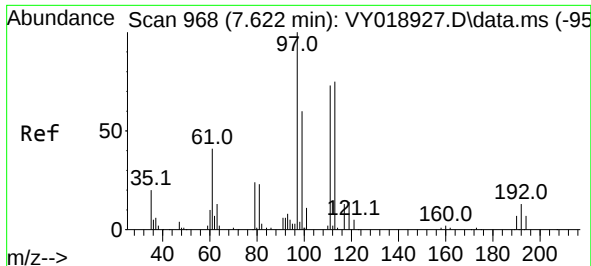
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

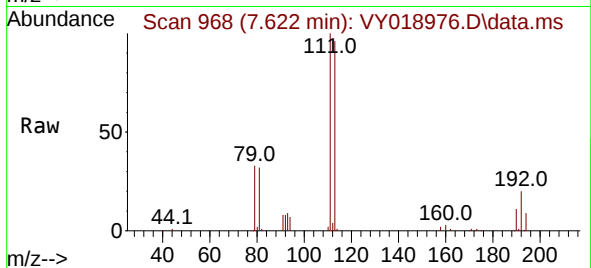
88 13.9 0.0 27.2



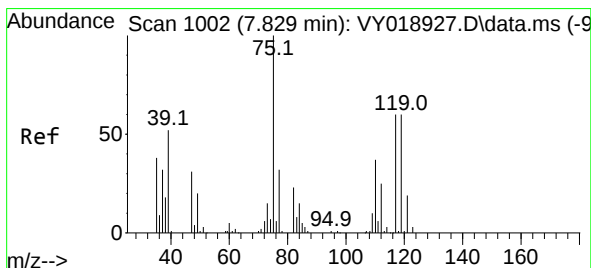
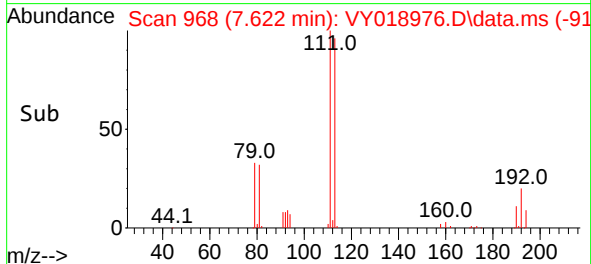
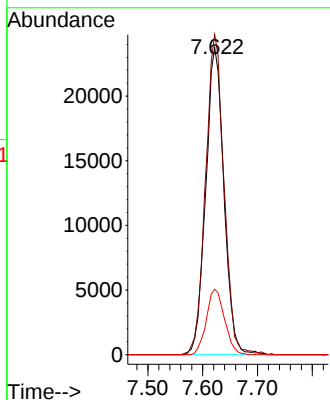


#35
Dibromofluoromethane
Concen: 51.237 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-15-080724

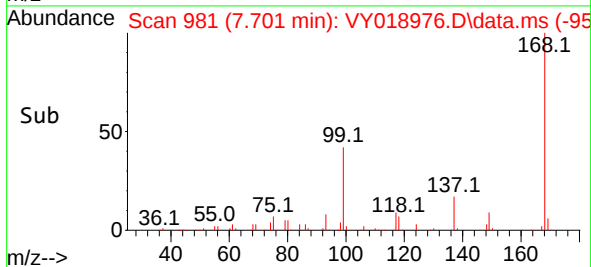
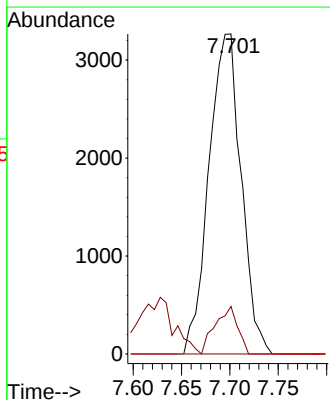
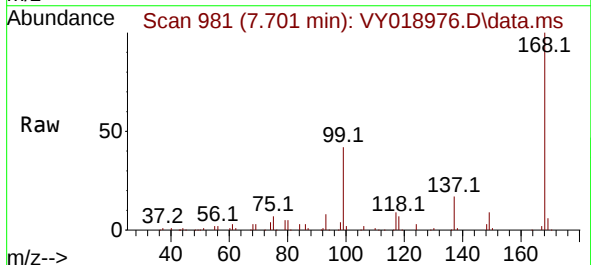


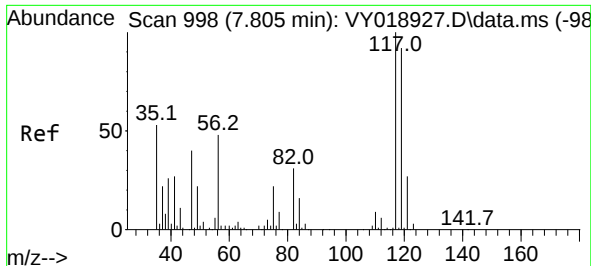
Tgt Ion:113 Resp: 54724
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 21.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.286 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

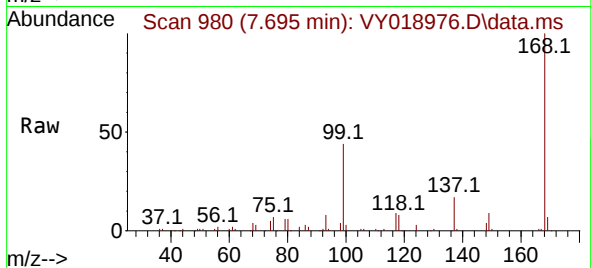
Tgt Ion: 75 Resp: 7578
Ion Ratio Lower Upper
75 100
110 10.4 19.0 57.0#
77 0.0 25.3 37.9#



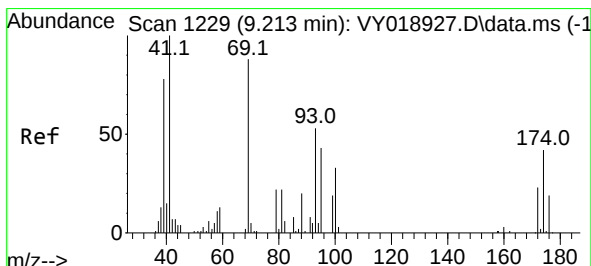
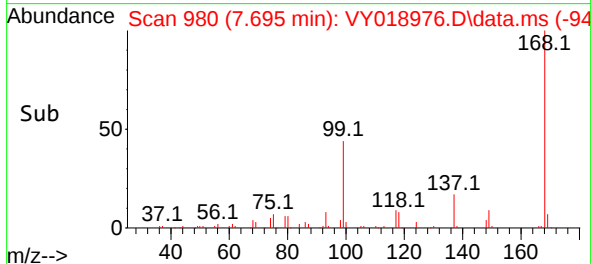
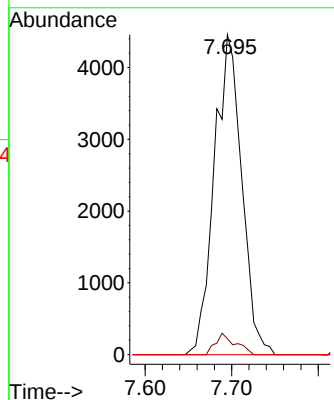


#38
Carbon Tetrachloride
Concen: 5.962 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-15-080724

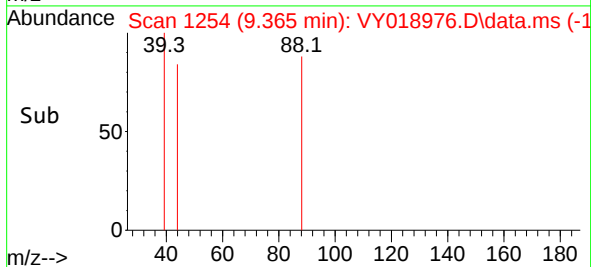
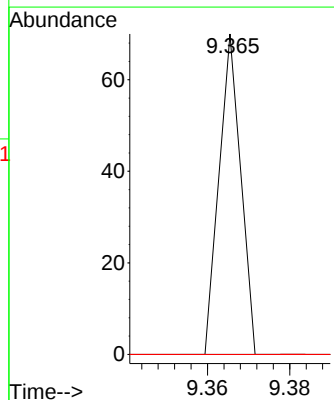
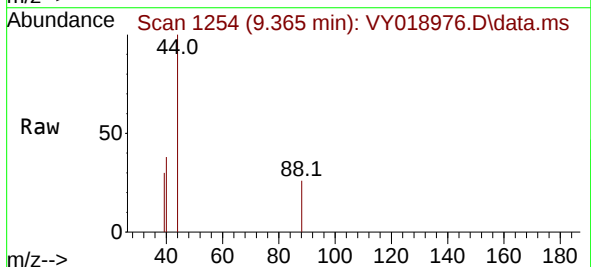


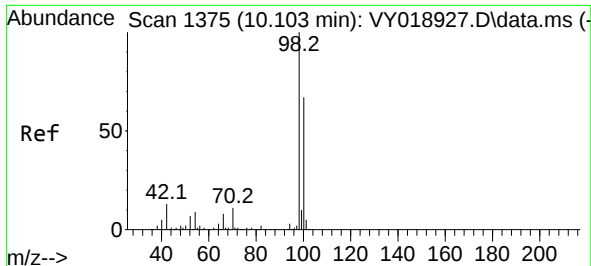
Tgt Ion:117 Resp: 9801
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.571 ug/l
RT: 9.365 min Scan# 1254
Delta R.T. 0.152 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

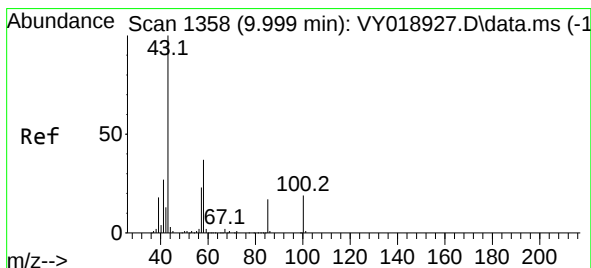
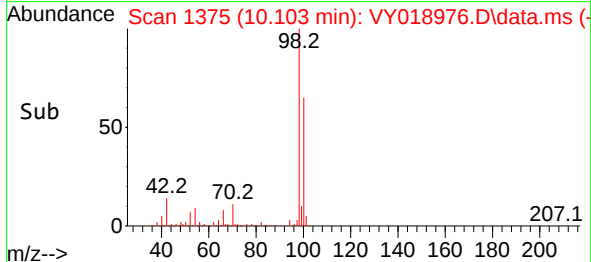
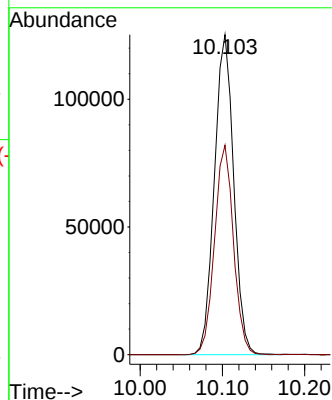
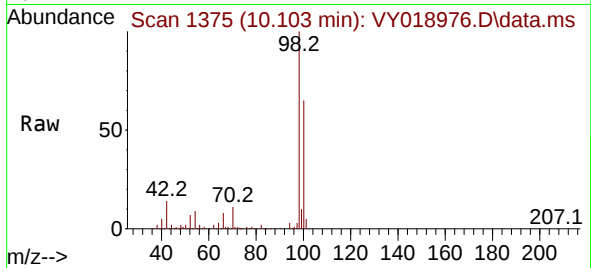




#50
Toluene-d8
Concen: 49.780 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

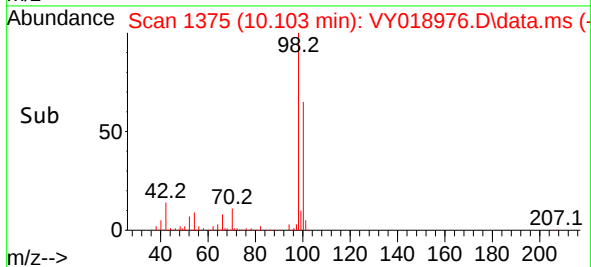
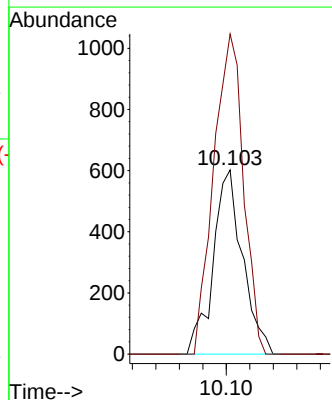
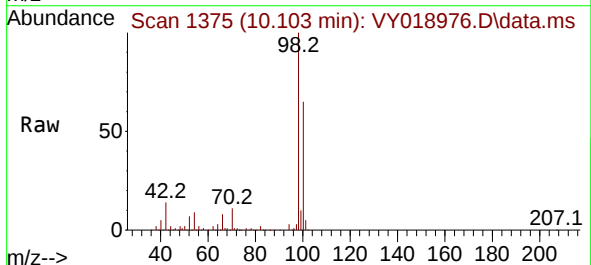
Instrument :
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OU4-TS-15-080724

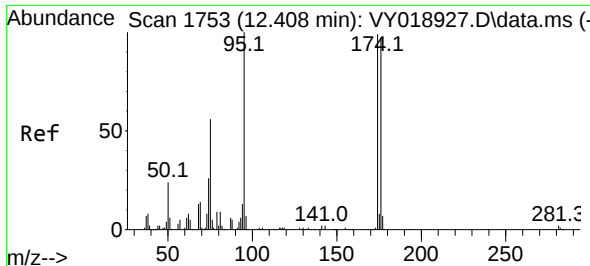
Tgt Ion: 98 Resp: 204221
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.523 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
58 176.1 35.7 53.5#

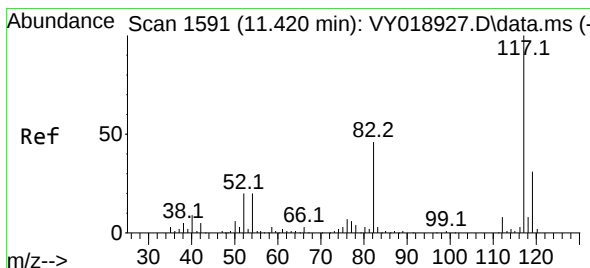
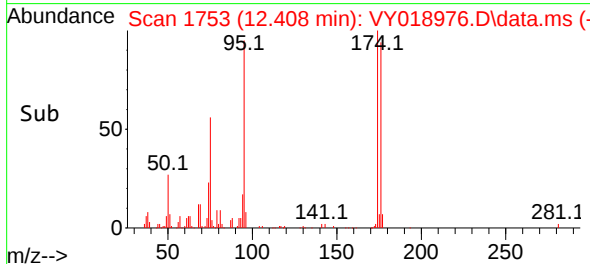
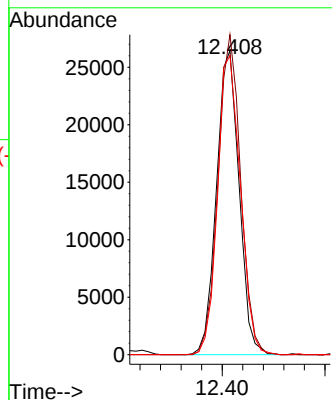
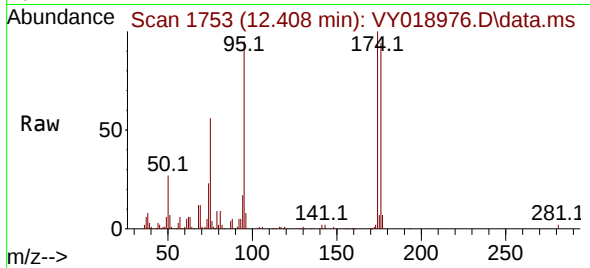




#62
4-Bromofluorobenzene
Concen: 33.107 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

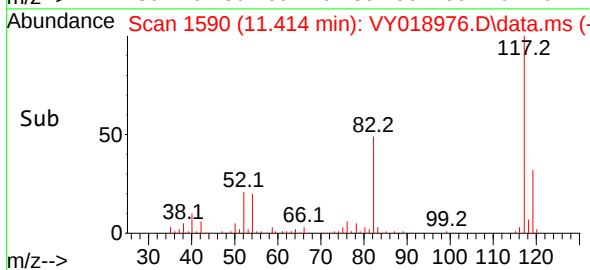
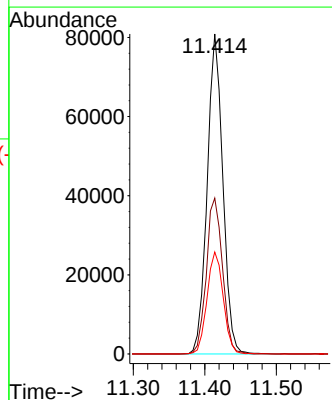
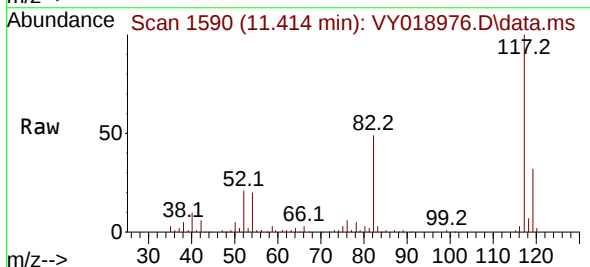
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-15-080724

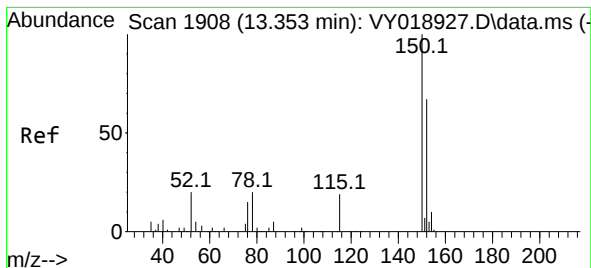
Tgt Ion:	95	Resp:	40295
Ion Ratio	Lower	Upper	
95	100		
174	105.4	0.0	175.6
176	99.9	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY018976.D
Acq: 09 Aug 2024 18:55

Tgt Ion:	117	Resp:	122848
Ion Ratio	Lower	Upper	
117	100		
82	48.7	42.4	63.6
119	31.8	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: VY018976.D

Acq: 09 Aug 2024 18:55

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-15-080724

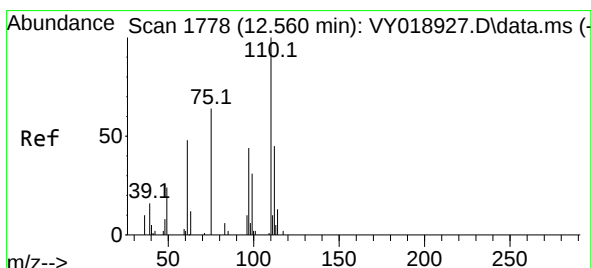
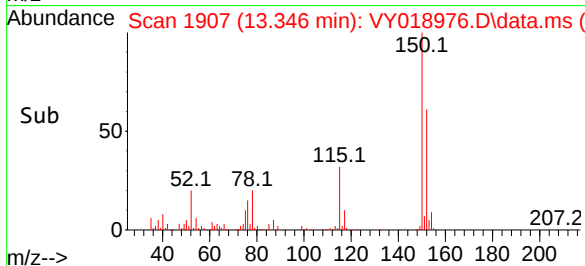
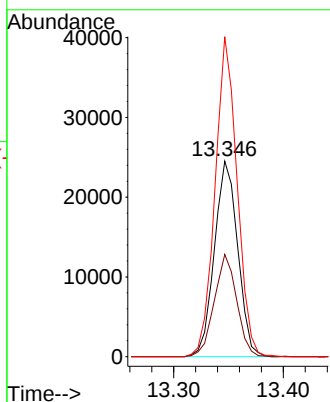
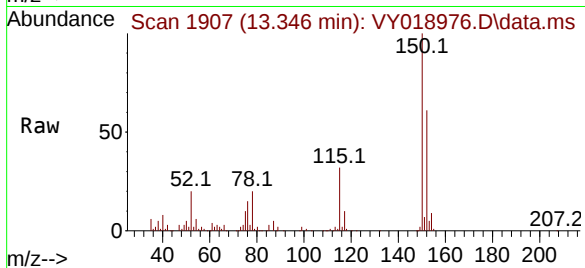
Tgt Ion:152 Resp: 36212

Ion Ratio Lower Upper

152 100

115 50.4 28.2 84.7

150 154.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 85.839 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY018976.D

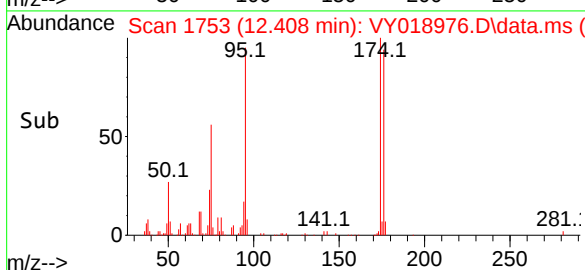
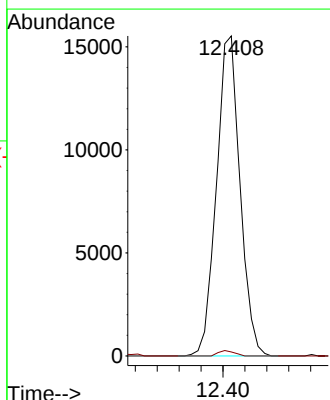
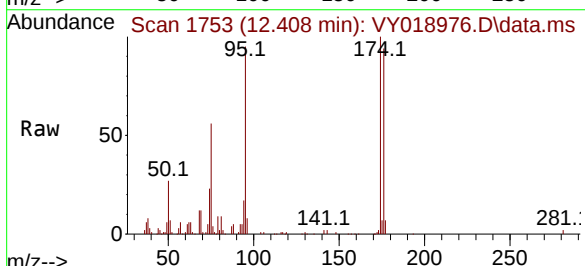
Acq: 09 Aug 2024 18:55

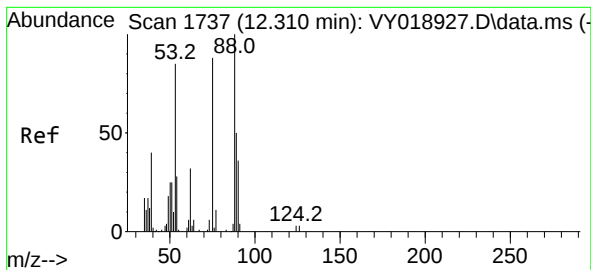
Tgt Ion: 75 Resp: 23157

Ion Ratio Lower Upper

75 100

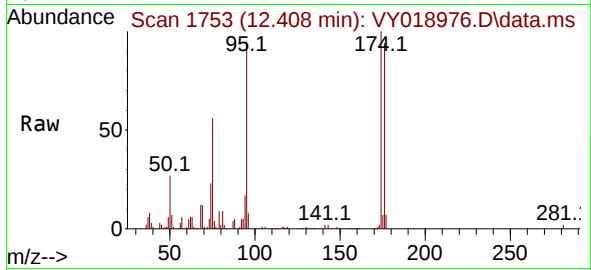
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 176.878 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018976.D
 Acq: 09 Aug 2024 18:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-15-080724



Tgt Ion: 75 Resp: 23157
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

