

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018943.D
 Acq On : 08 Aug 2024 22:04
 Operator : SY/MD
 Sample : P3520-11
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-13-080624

Quant Time: Aug 09 05:12:32 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)

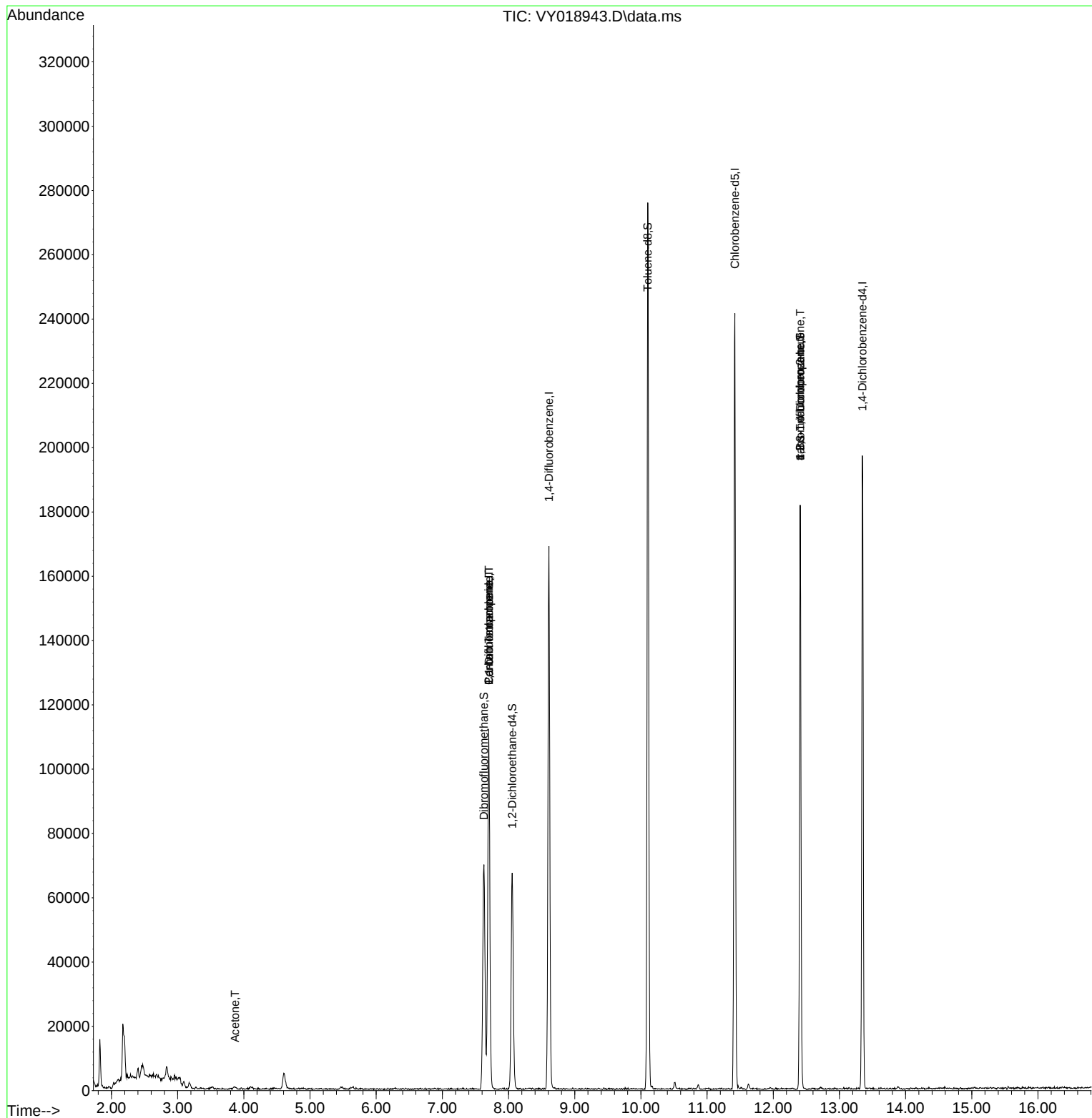
Internal Standards						
1) Pentafluorobenzene	7.701	168	87004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	143321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	121167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	46850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	42415	55.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.060%	
35) Dibromofluoromethane	7.628	113	45881	50.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.240%	
50) Toluene-d8	10.103	98	168696	47.980	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.960%	
62) 4-Bromofluorobenzene	12.407	95	43601	41.799	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.080	50	63	Below Cal	#	43
11) Tert butyl alcohol	4.866	59	129	Below Cal	#	88
13) Acrolein	3.793	56	44	Below Cal	#	68
16) Acetone	3.866	43	1071	17.678	ug/l #	78
20) Methylene Chloride	4.604	84	3131	Below Cal		87
31) Cyclohexane	7.701	56	2221	Below Cal	#	40
36) 1,1-Dichloropropene	7.701	75	6465	5.261	ug/l #	50
38) Carbon Tetrachloride	7.701	117	8157	5.790	ug/l #	16
41) Methacrylonitrile	7.256	41	149	Below Cal	#	22
76) 1,2,3-Trichloropropane	12.407	75	26778	76.722	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	26778	158.093	ug/l #	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
Data File : VY018943.D
Acq On : 08 Aug 2024 22:04
Operator : SY/MD
Sample : P3520-11
Misc : 6.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-13-080624

Quant Time: Aug 09 05:12:32 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

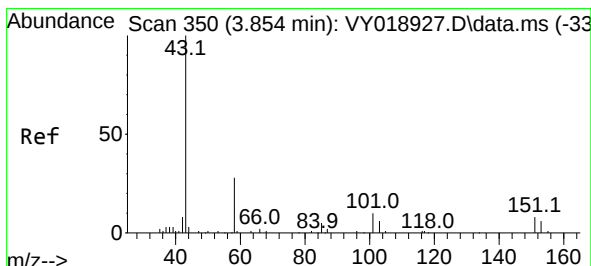
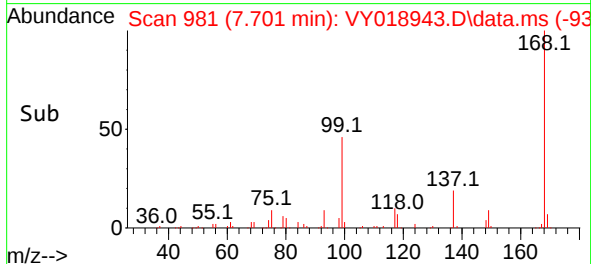
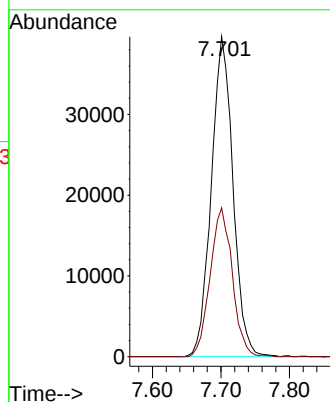
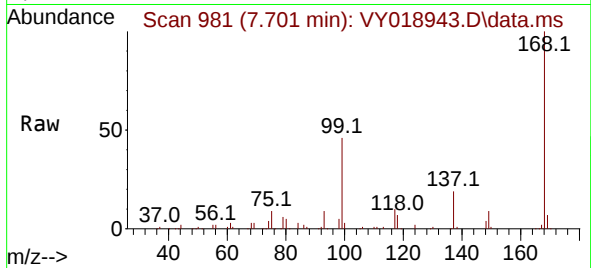




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

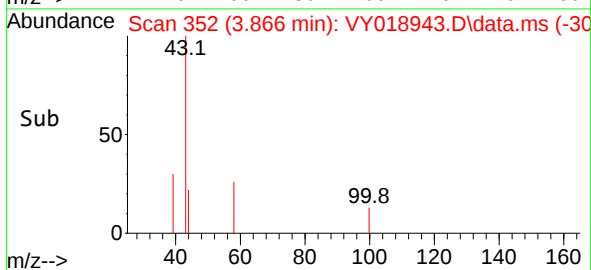
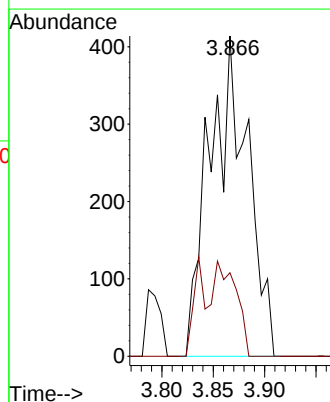
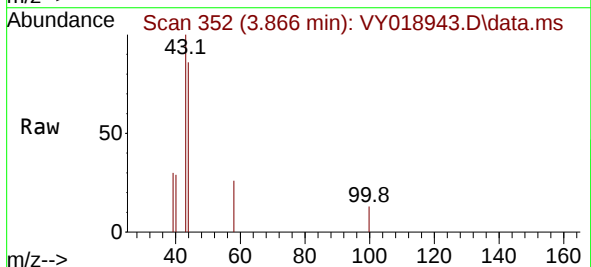
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-13-080624

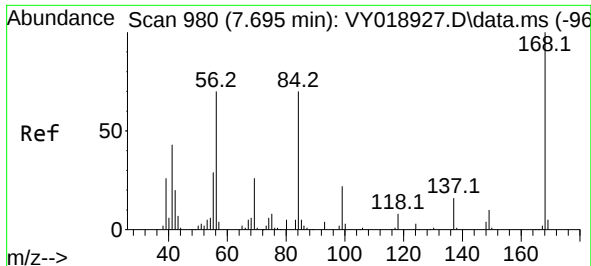
Tgt Ion:168 Resp: 87004
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#16
Acetone
Concen: 17.678 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

Tgt Ion: 43 Resp: 1071
Ion Ratio Lower Upper
43 100
58 26.1 31.7 47.5#

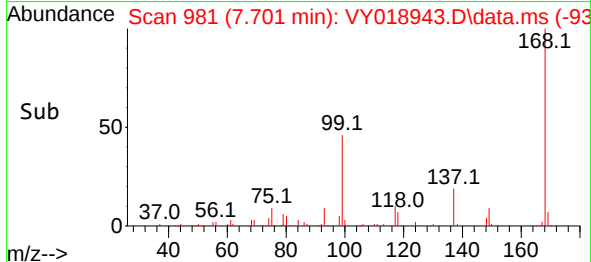
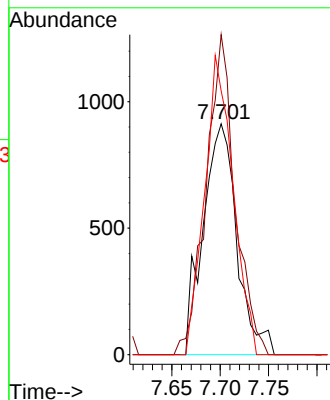
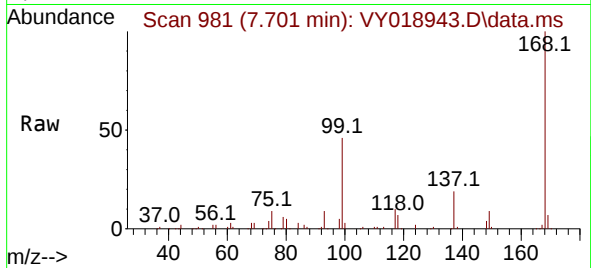




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

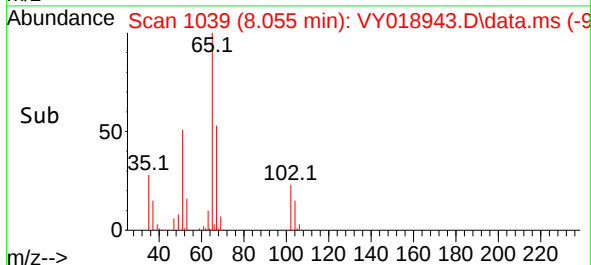
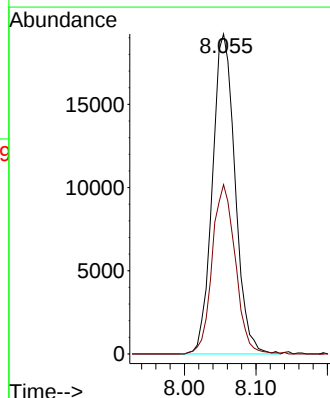
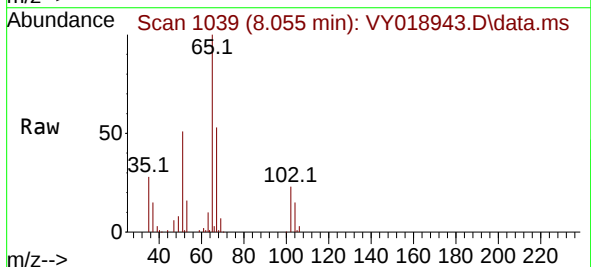
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-13-080624

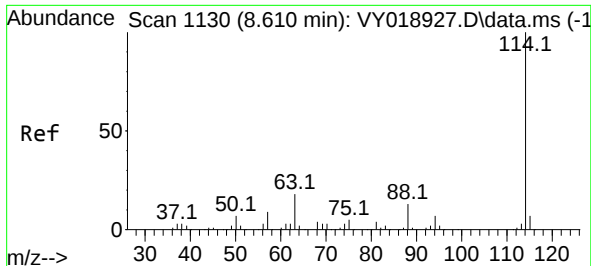
Tgt Ion: 56 Resp: 2221
Ion Ratio Lower Upper
56 100
69 138.6 28.7 43.1#
84 114.2 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.525 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

Tgt Ion: 65 Resp: 42415
Ion Ratio Lower Upper
65 100
67 54.1 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: VY018943.D

Acq: 08 Aug 2024 22:04

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-13-080624

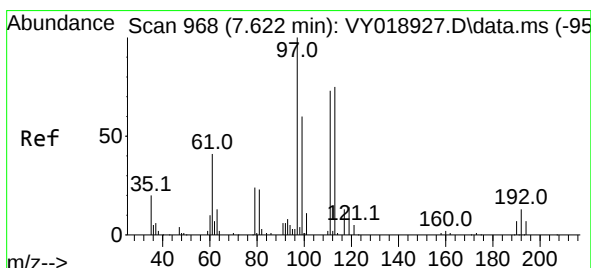
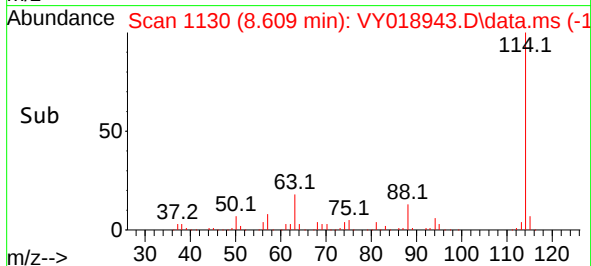
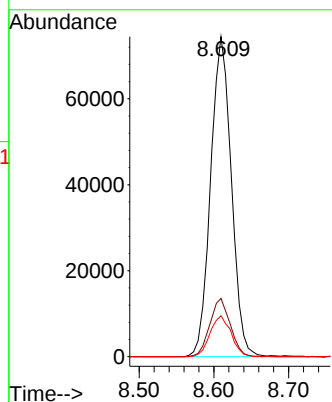
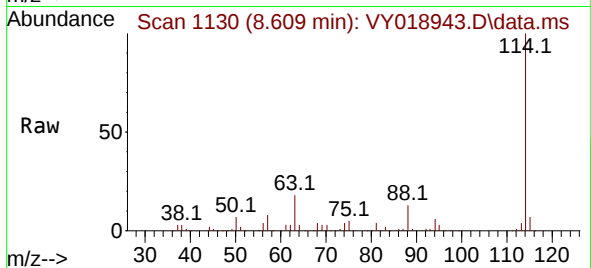
Tgt Ion:114 Resp: 143321

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 12.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.123 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY018943.D

Acq: 08 Aug 2024 22:04

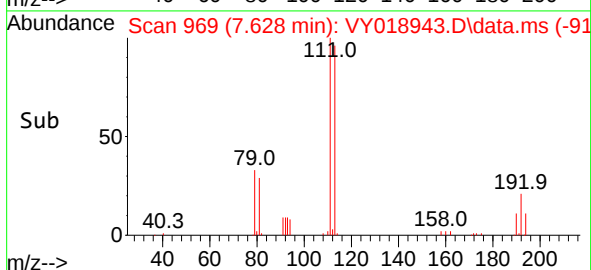
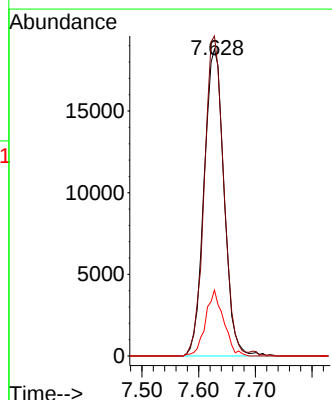
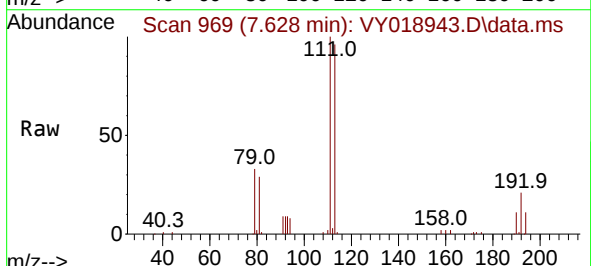
Tgt Ion:113 Resp: 45881

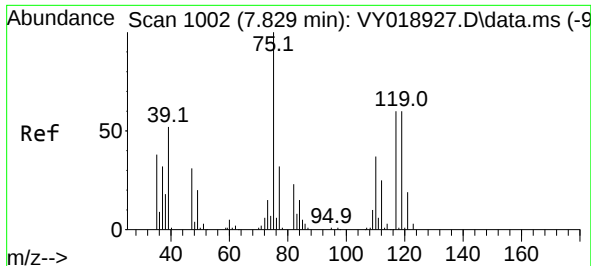
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

192 19.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.261 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY018943.D

Acq: 08 Aug 2024 22:04

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-13-080624

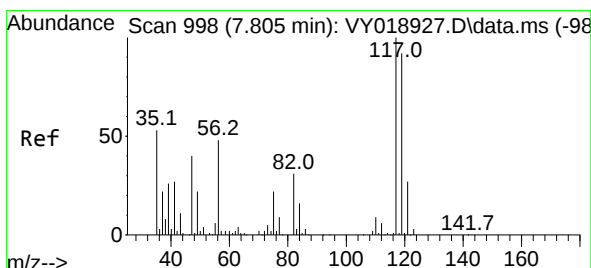
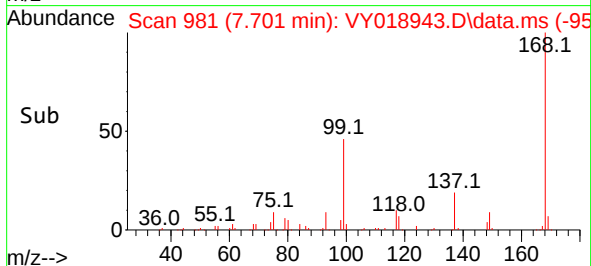
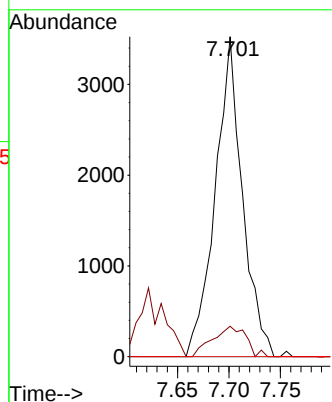
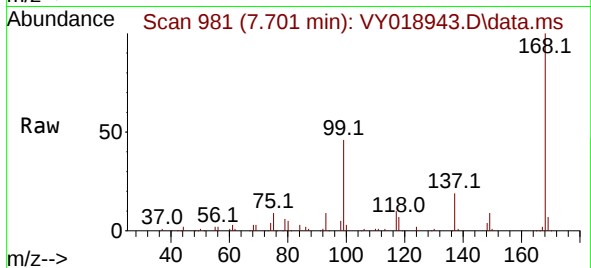
Tgt Ion: 75 Resp: 6465

Ion Ratio Lower Upper

75 100

110 11.8 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.790 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY018943.D

Acq: 08 Aug 2024 22:04

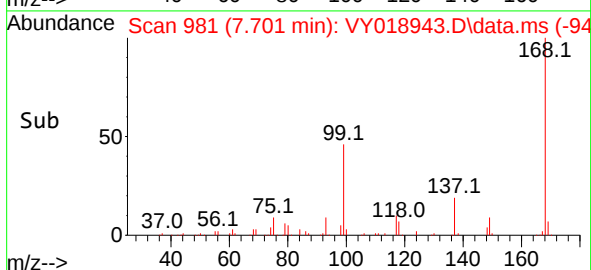
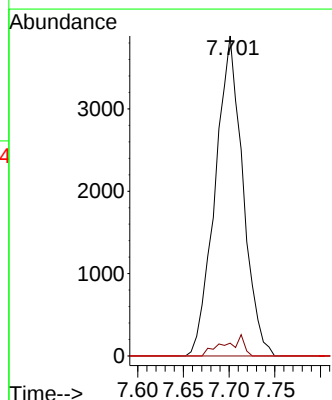
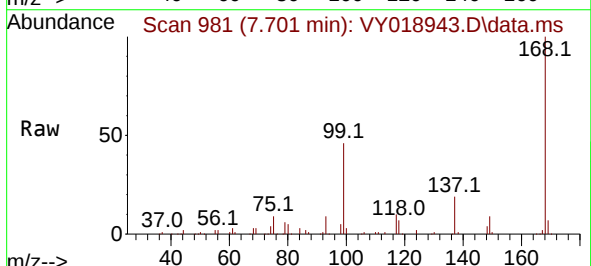
Tgt Ion: 117 Resp: 8157

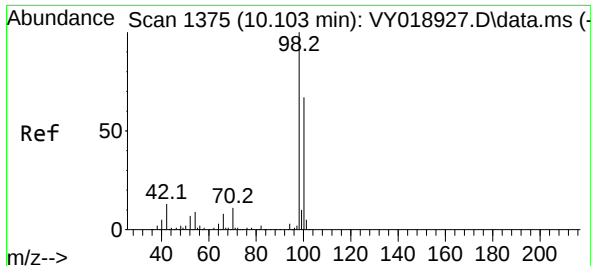
Ion Ratio Lower Upper

117 100

119 4.0 75.8 113.6#

121 0.0 24.0 36.0#

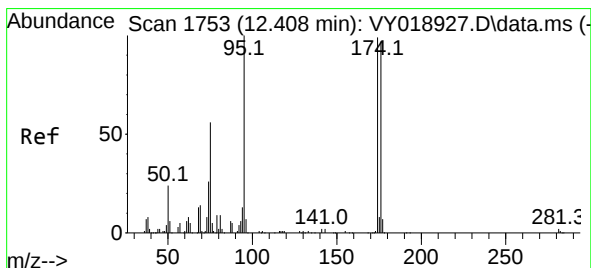
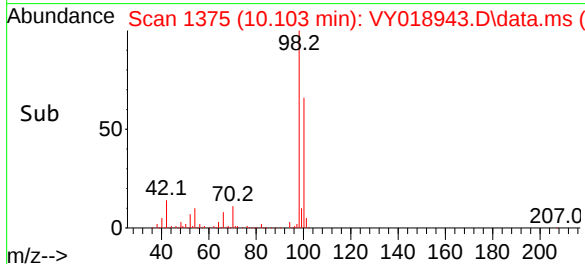
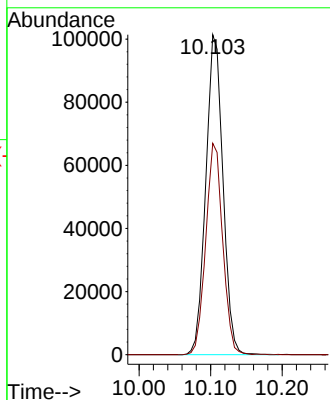
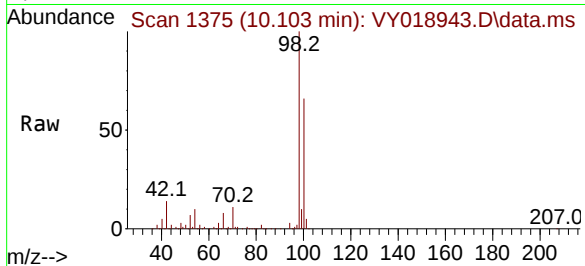




#50
Toluene-d8
Concen: 47.980 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

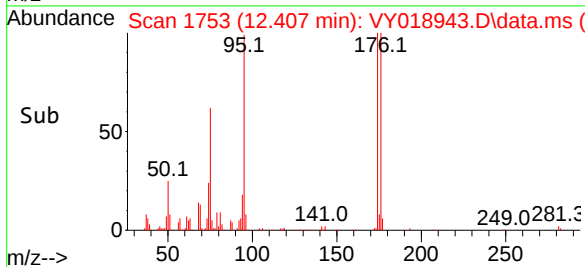
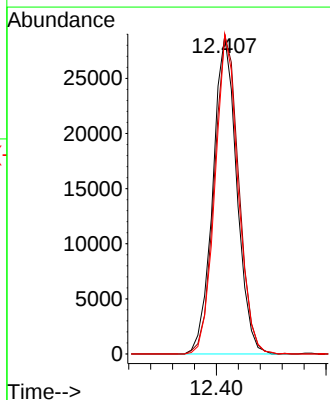
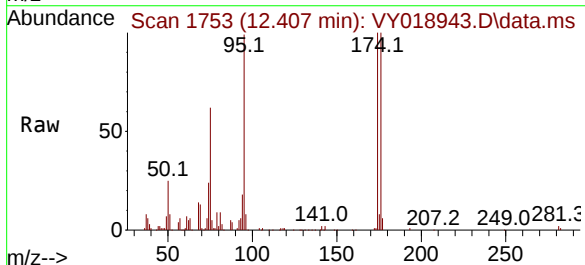
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-13-080624

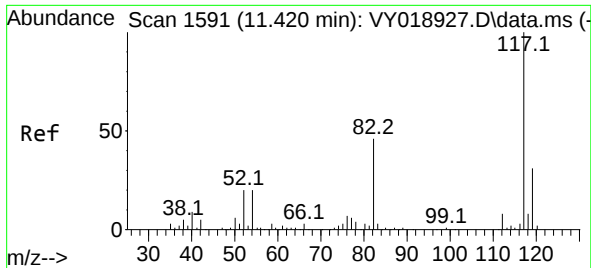
Tgt Ion: 98 Resp: 168696
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.799 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

Tgt Ion: 95 Resp: 43601
Ion Ratio Lower Upper
95 100
174 102.0 0.0 175.6
176 97.2 0.0 171.4

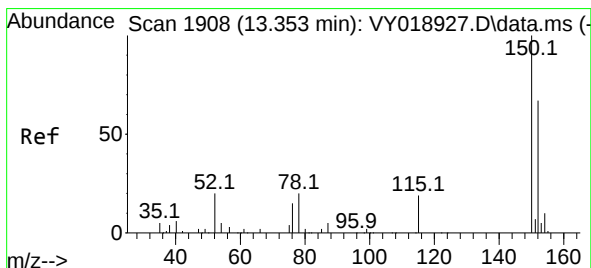
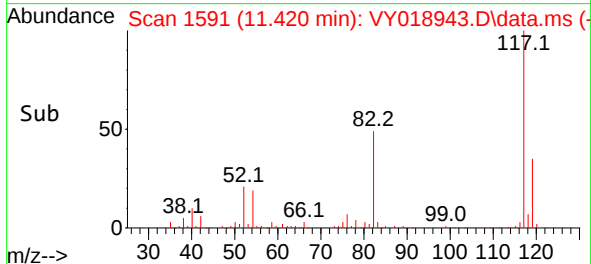
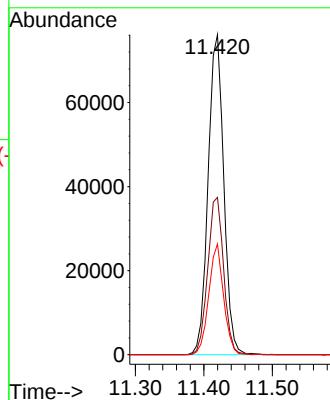
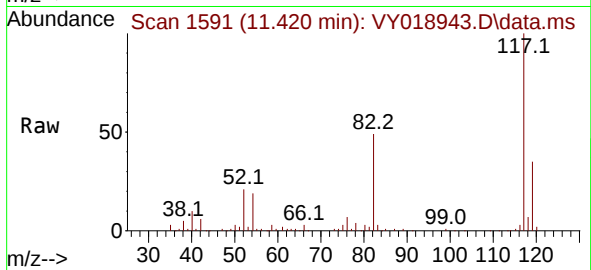




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

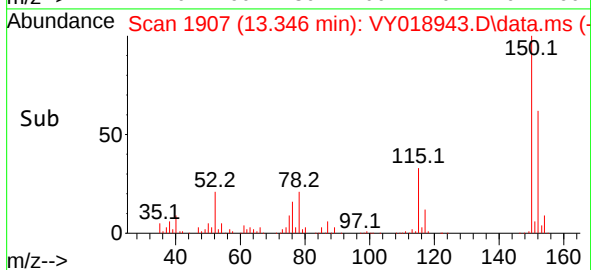
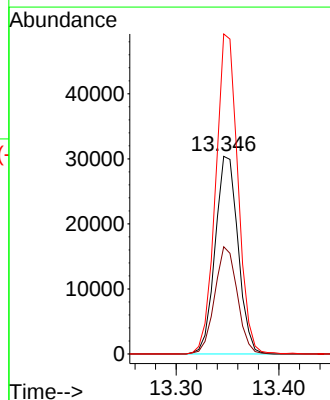
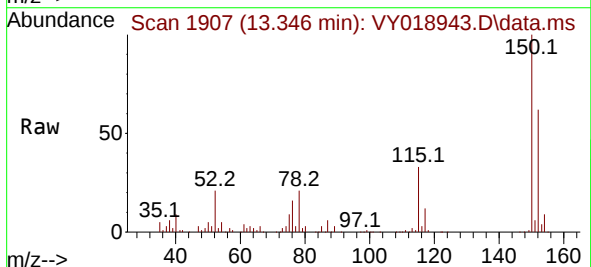
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-13-080624

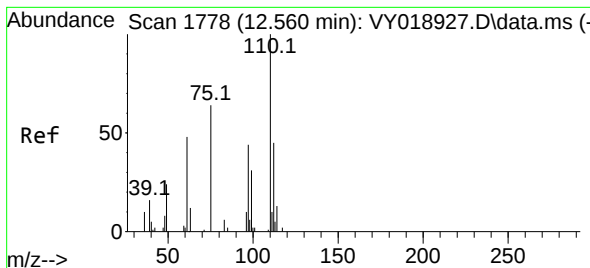
Tgt Ion:117 Resp: 121167
Ion Ratio Lower Upper
117 100
82 49.2 42.4 63.6
119 34.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY018943.D
Acq: 08 Aug 2024 22:04

Tgt Ion:152 Resp: 46850
Ion Ratio Lower Upper
152 100
115 53.5 28.2 84.7
150 157.7 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 76.722 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY018943.D

Acq: 08 Aug 2024 22:04

Instrument :

MSVOA_Y

ClientSampleId :

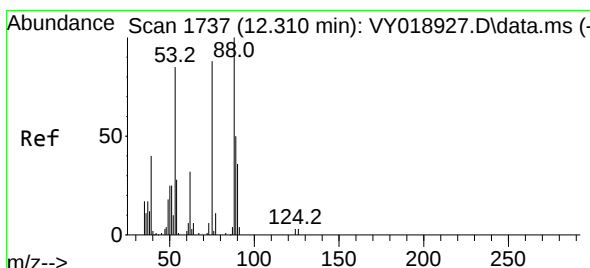
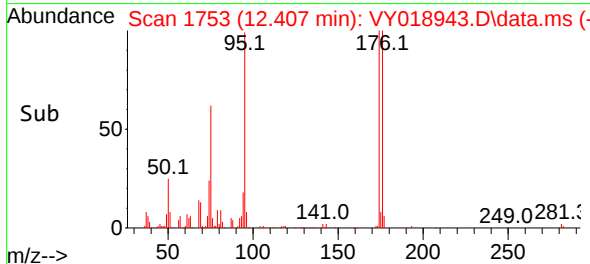
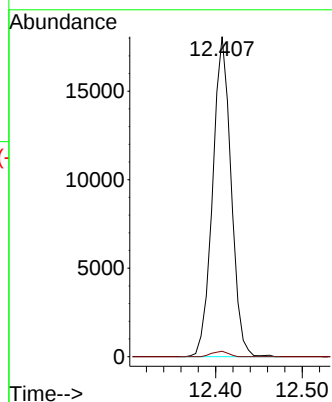
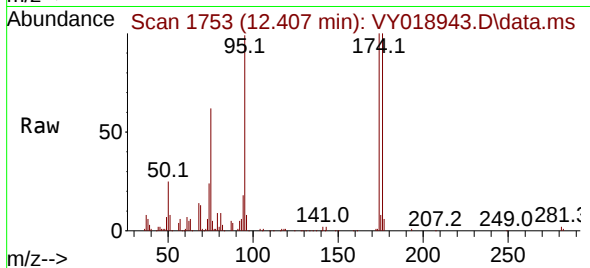
OU4-CF-13-080624

Tgt Ion: 75 Resp: 26778

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 158.093 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.097 min

Lab File: VY018943.D

Acq: 08 Aug 2024 22:04

Tgt Ion: 75 Resp: 26778

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

