

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019006.D
 Acq On : 12 Aug 2024 16:47
 Operator : SY/MD
 Sample : P3519-25
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-CF-05-080624

Quant Time: Aug 13 01:17:10 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)

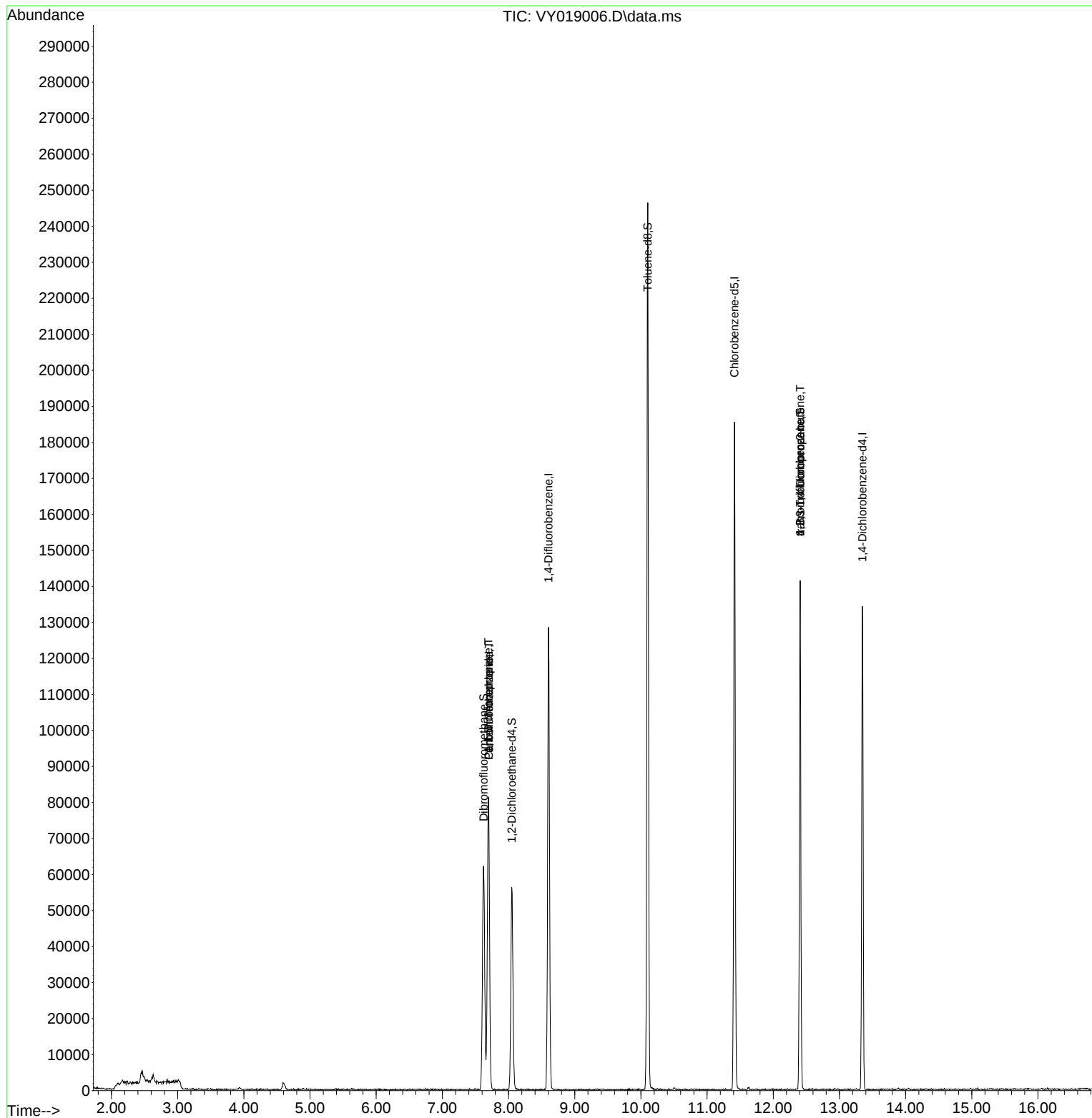
Internal Standards						
1) Pentafluorobenzene	7.701	168	66098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	108348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	90142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	31145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	35164	60.593	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 121.180%		
35) Dibromofluoromethane	7.622	113	40982	59.222	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 118.440%		
50) Toluene-d8	10.103	98	149310	56.173	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 112.340%		
62) 4-Bromofluorobenzene	12.408	95	33301	42.229	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 84.460%		
Target Compounds						Qvalue
3) Chloromethane	2.062	50	48	Below Cal	#	43
11) Tert butyl alcohol	4.830	59	50	Below Cal	#	88
20) Methylene Chloride	4.610	84	514	Below Cal	#	72
31) Cyclohexane	7.695	56	1717	Below Cal	#	60
36) 1,1-Dichloropropene	7.695	75	4865	5.237	ug/l #	43
38) Carbon Tetrachloride	7.701	117	6483	6.087	ug/l #	20
41) Methacrylonitrile	7.128	41	29	Below Cal	#	31
76) 1,2,3-Trichloropropane	12.408	75	19356	83.422	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	19356	171.898	ug/l #	16

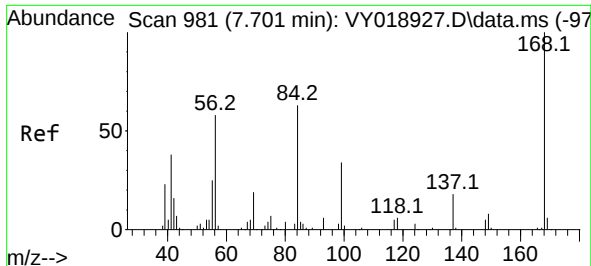
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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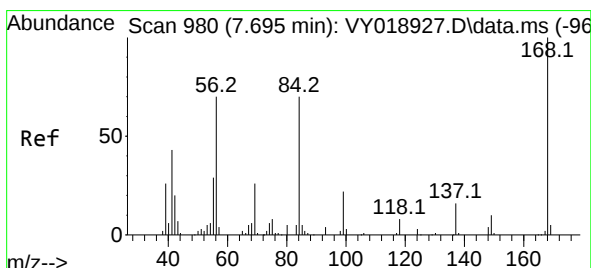
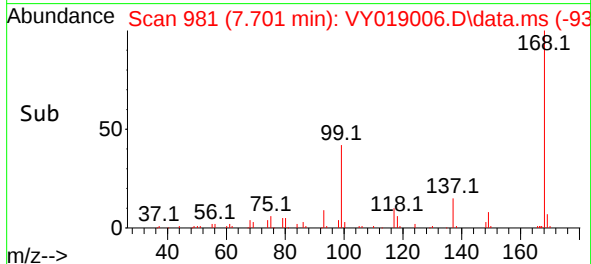
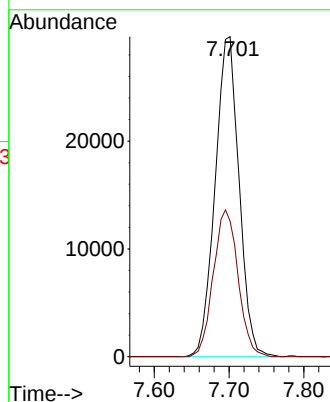
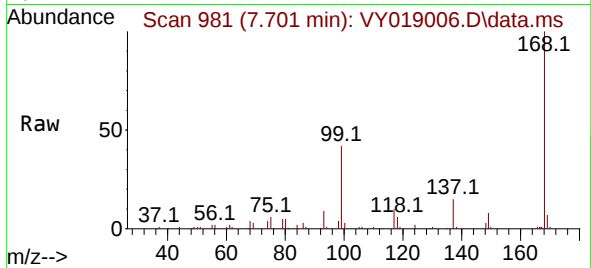




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019006.D
Acq: 12 Aug 2024 16:47

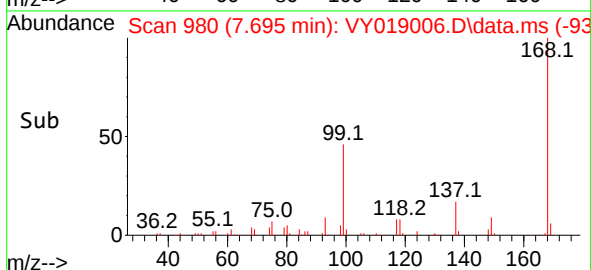
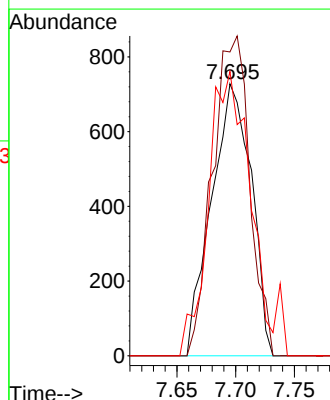
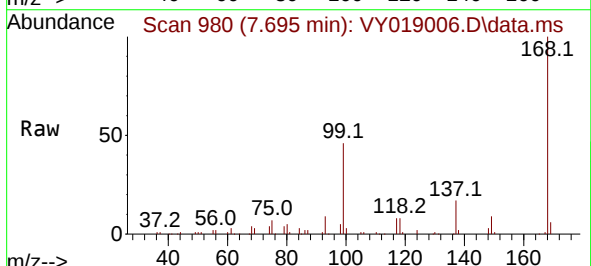
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-05-080624

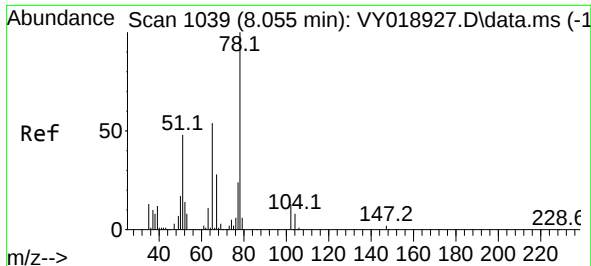
Tgt Ion:168 Resp: 66098
Ion Ratio Lower Upper
168 100
99 42.3 39.1 58.7



#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY019006.D
Acq: 12 Aug 2024 16:47

Tgt Ion: 56 Resp: 1717
Ion Ratio Lower Upper
56 100
69 111.7 28.7 43.1#
84 104.5 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 60.593 ug/l

RT: 8.049 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY019006.D

Acq: 12 Aug 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

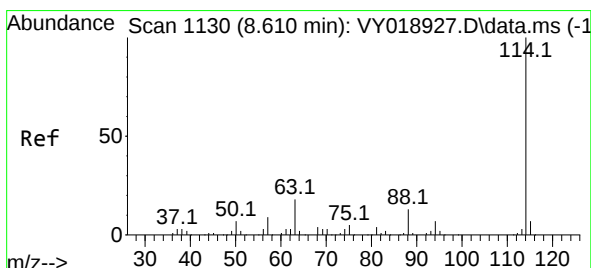
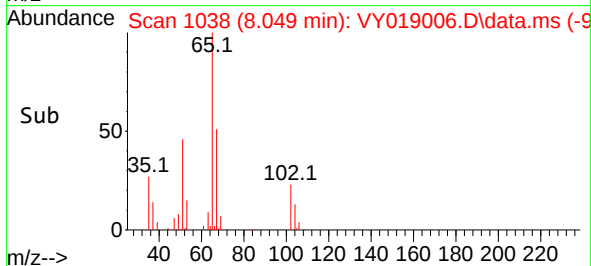
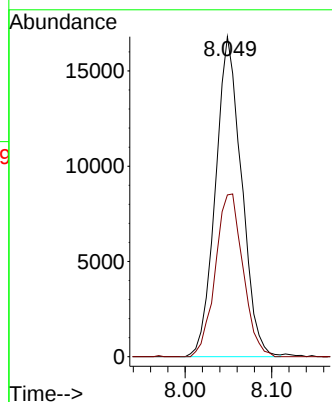
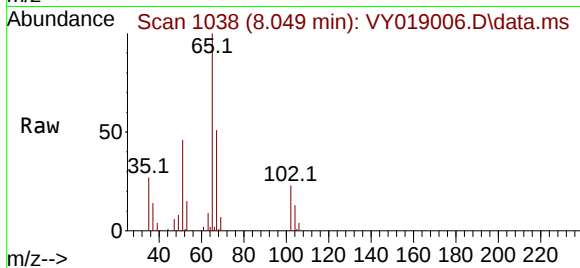
OU4-CF-05-080624

Tgt Ion: 65 Resp: 35164

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019006.D

Acq: 12 Aug 2024 16:47

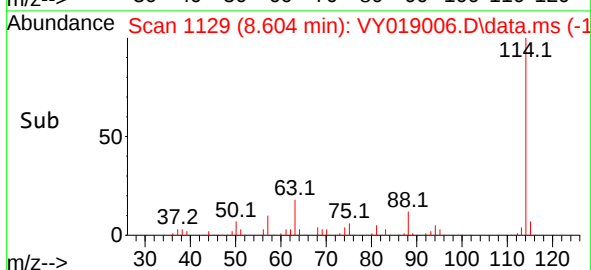
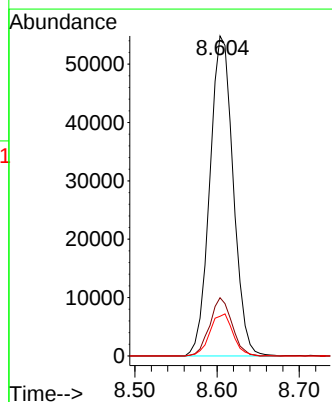
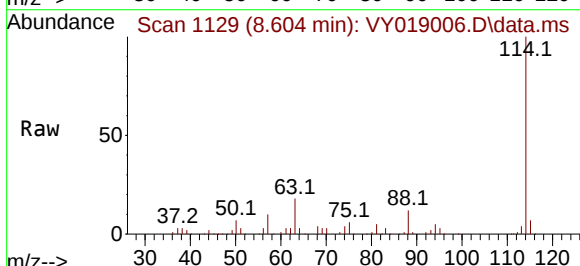
Tgt Ion: 114 Resp: 108348

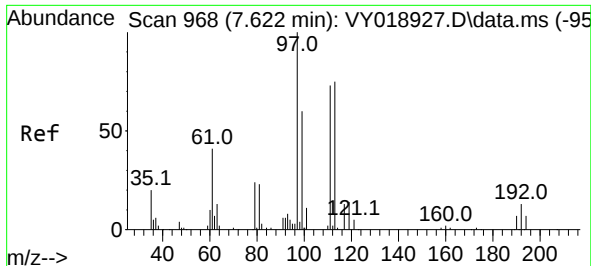
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 12.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 59.222 ug/l

RT: 7.622 min Scan# 90

Delta R.T. 0.000 min

Lab File: VY019006.D

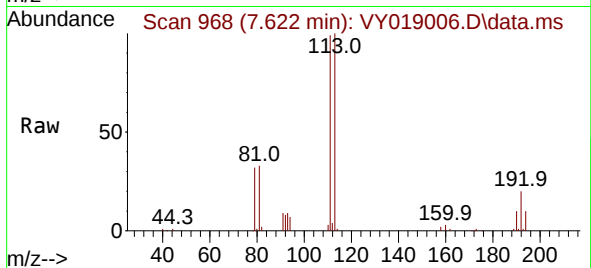
Acq: 12 Aug 2024 16:47

Instrument :

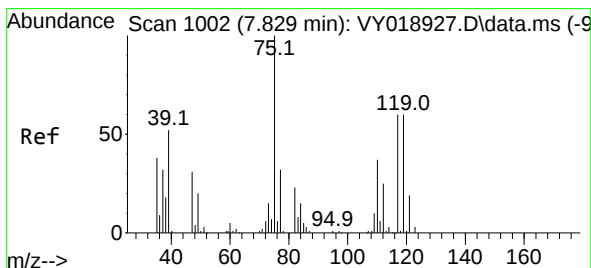
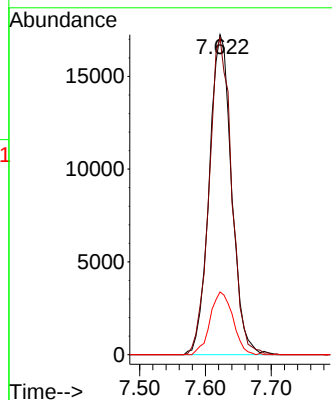
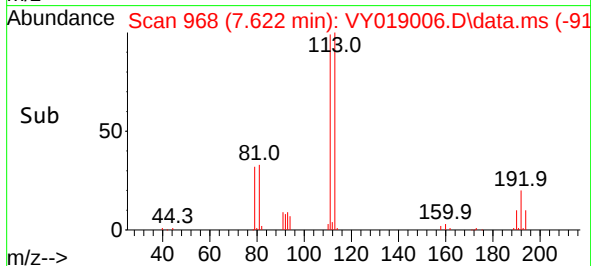
MSVOA_Y

ClientSampleId :

OU4-CF-05-080624



Tgt Ion:	113	Resp:	40982
Ion	Ratio	Lower	Upper
113	100		
111	99.4	82.2	123.4
192	19.9	15.9	23.9



#36

1,1-Dichloropropene

Concen: 5.237 ug/l

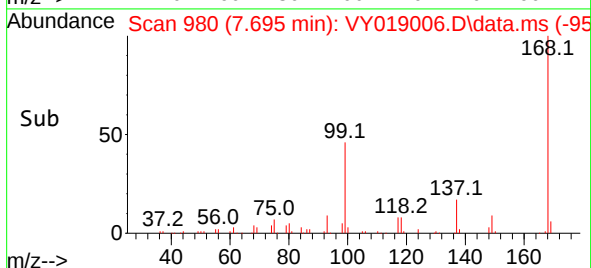
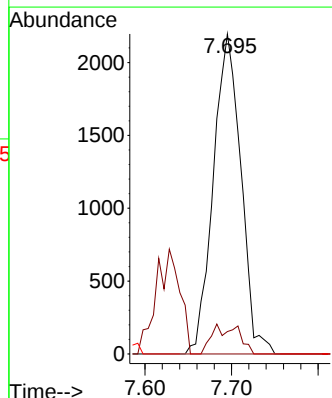
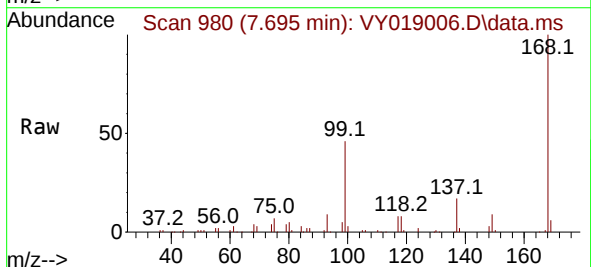
RT: 7.695 min Scan# 980

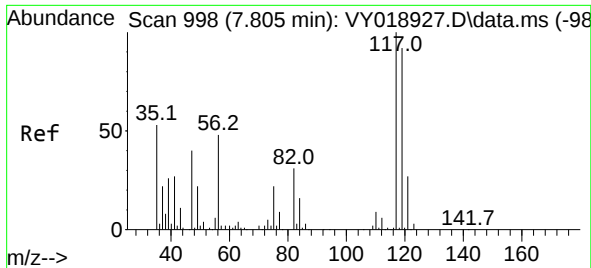
Delta R.T. -0.134 min

Lab File: VY019006.D

Acq: 12 Aug 2024 16:47

Tgt Ion:	75	Resp:	4865
Ion	Ratio	Lower	Upper
75	100		
110	4.0	19.0	57.0#
77	0.0	25.3	37.9#

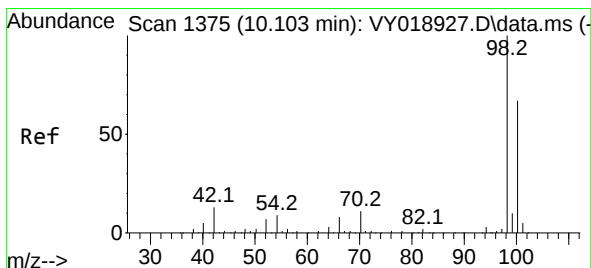
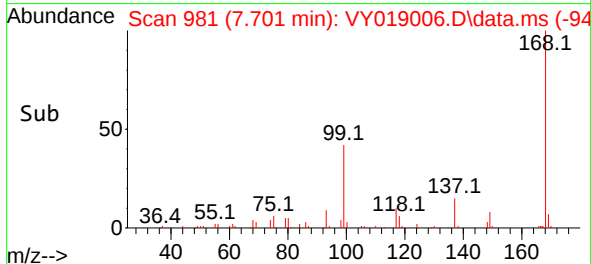
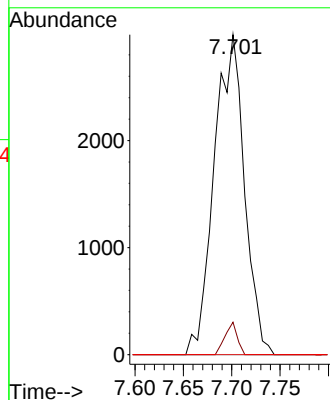
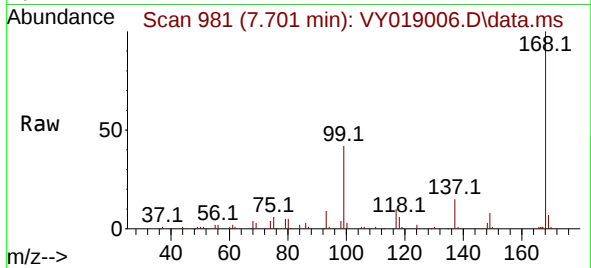




#38
Carbon Tetrachloride
Concen: 6.087 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019006.D
Acq: 12 Aug 2024 16:47

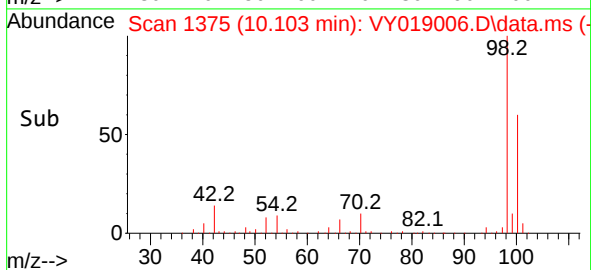
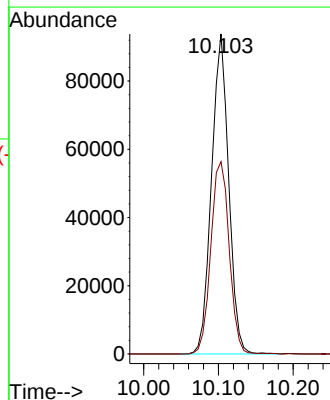
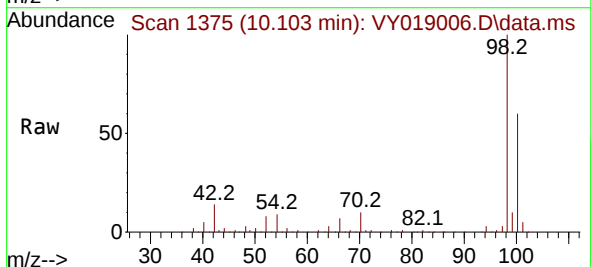
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-05-080624

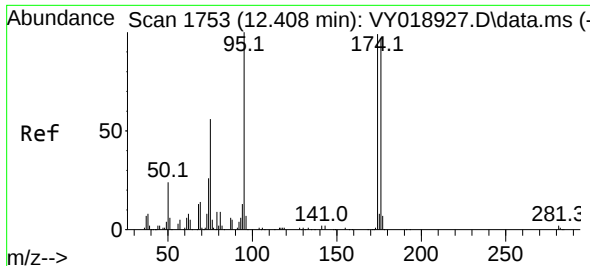
Tgt Ion:117 Resp: 6483
Ion Ratio Lower Upper
117 100
119 10.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 56.173 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019006.D
Acq: 12 Aug 2024 16:47

Tgt Ion: 98 Resp: 149310
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

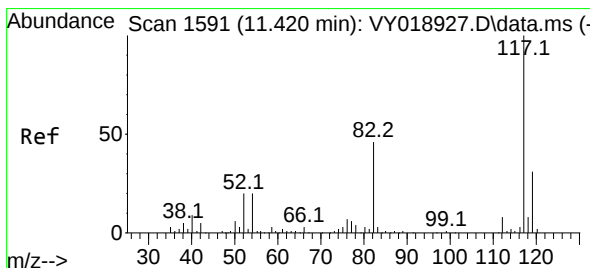
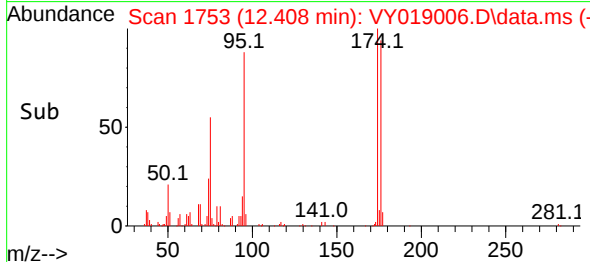
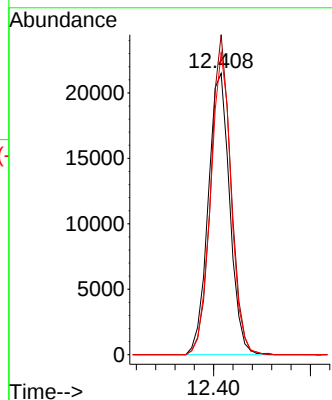
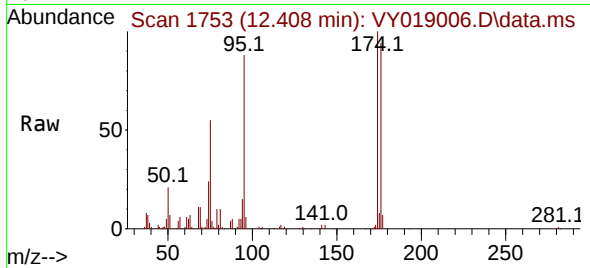




#62
4-Bromofluorobenzene
Concen: 42.229 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019006.D
Acq: 12 Aug 2024 16:47

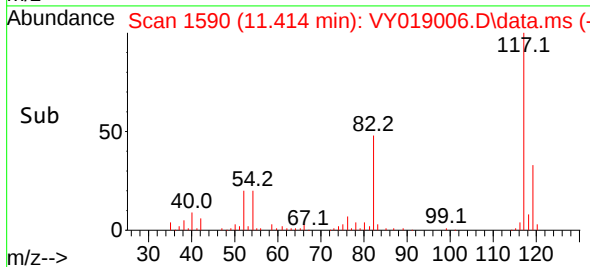
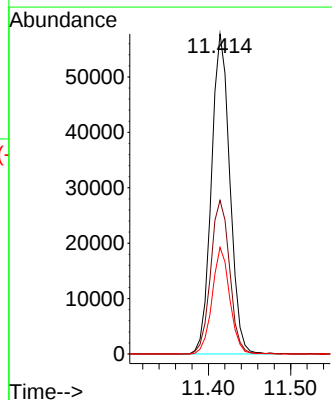
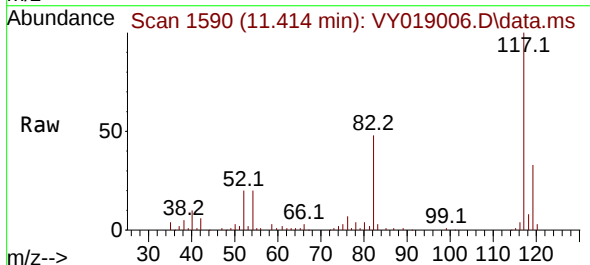
Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-05-080624

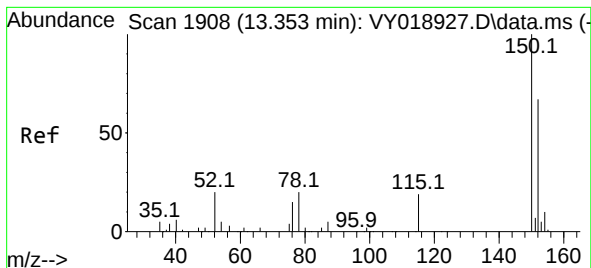
Tgt Ion: 95 Resp: 33301
Ion Ratio Lower Upper
95 100
174 105.8 0.0 175.6
176 102.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019006.D
Acq: 12 Aug 2024 16:47

Tgt Ion: 117 Resp: 90142
Ion Ratio Lower Upper
117 100
82 48.0 42.4 63.6
119 33.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY019006.D

Acq: 12 Aug 2024 16:47

Instrument :

MSVOA_Y

ClientSampleId :

OU4-CF-05-080624

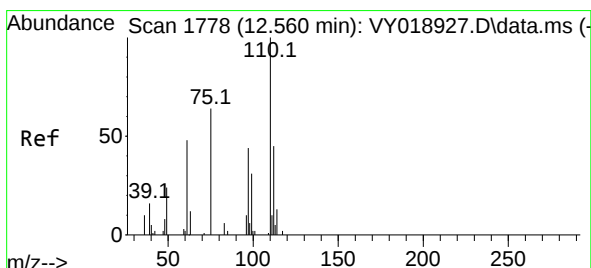
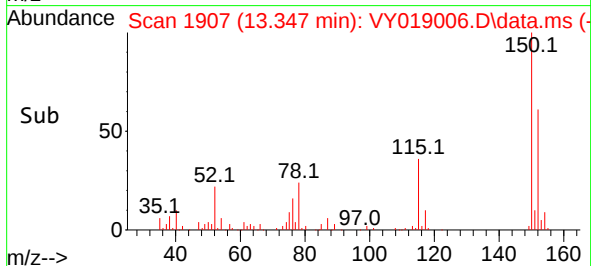
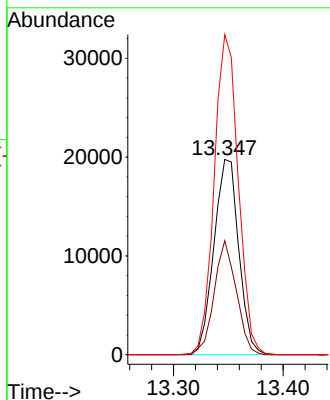
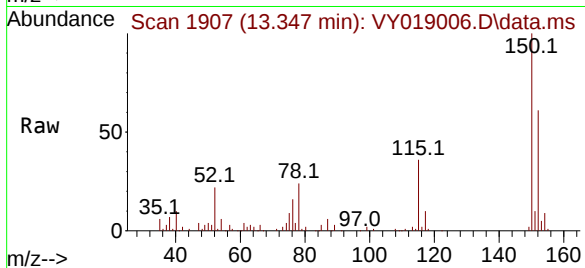
Tgt Ion:152 Resp: 31145

Ion Ratio Lower Upper

152 100

115 52.1 28.2 84.7

150 158.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 83.422 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019006.D

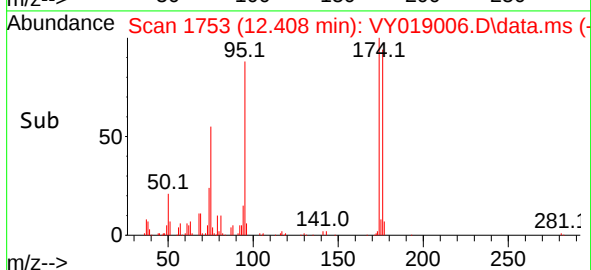
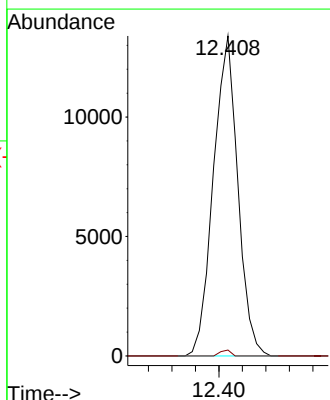
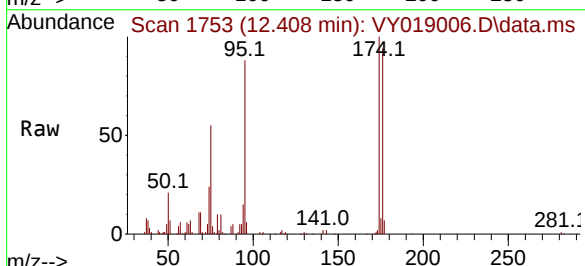
Acq: 12 Aug 2024 16:47

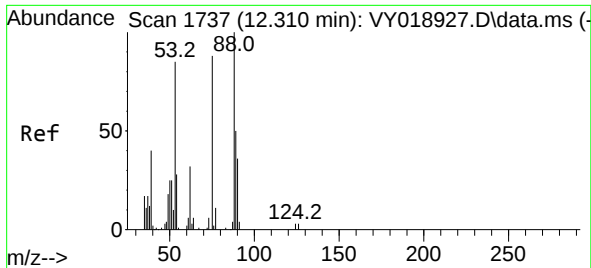
Tgt Ion: 75 Resp: 19356

Ion Ratio Lower Upper

75 100

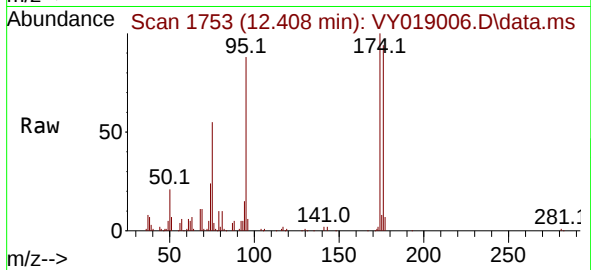
77 0.8 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 171.898 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019006.D
Acq: 12 Aug 2024 16:47

Instrument :
MSVOA_Y
ClientSampleId :
OU4-CF-05-080624



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

