

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019015.D
 Acq On : 12 Aug 2024 20:28
 Operator : SY/MD
 Sample : P3518-25
 Misc : 4.71g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 13 01:20:32 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)

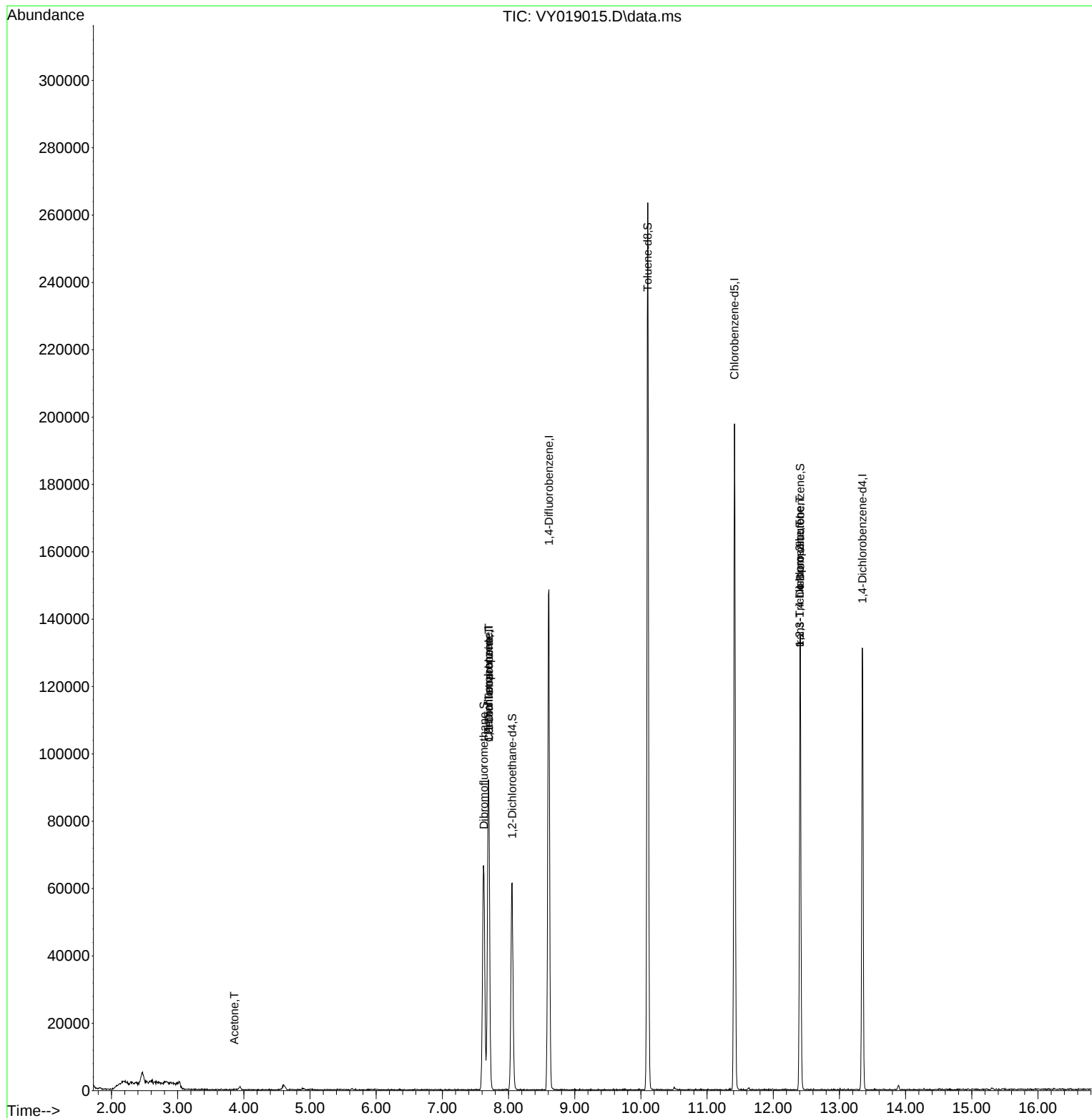
Internal Standards						
1) Pentafluorobenzene	7.695	168	76037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	127134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	96286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	30637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	38704	57.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.940%
35) Dibromofluoromethane	7.628	113	43047	53.014	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.020%
50) Toluene-d8	10.103	98	155638	49.902	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.408	95	31912	34.488	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.946	50	21	Below Cal	#	43
11) Tert butyl alcohol	4.836	59	58	Below Cal	#	88
13) Acrolein	3.659	56	21	Below Cal	#	1
16) Acetone	3.854	43	119	13.181	ug/l #	36
20) Methylene Chloride	4.610	84	534	Below Cal	#	91
31) Cyclohexane	7.695	56	1992	Below Cal	#	46
36) 1,1-Dichloropropene	7.701	75	5853	5.370	ug/l #	49
38) Carbon Tetrachloride	7.701	117	7105	5.685	ug/l #	17
41) Methacrylonitrile	7.171	41	24	Below Cal	#	58
76) 1,2,3-Trichloropropane	12.402	75	18895	82.785	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	18895	170.587	ug/l #	16

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

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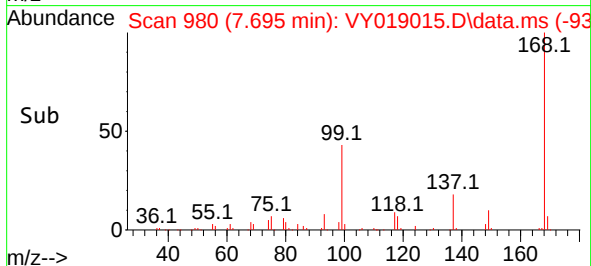
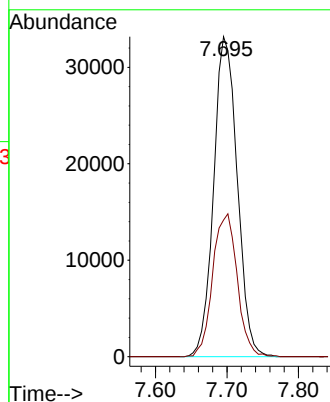
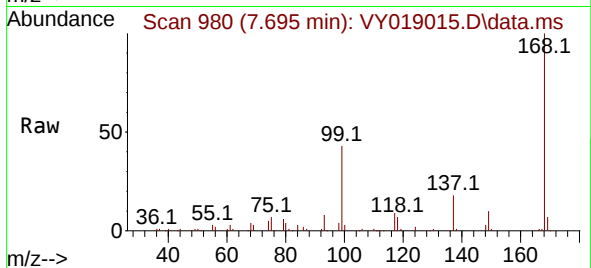




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019015.D
Acq: 12 Aug 2024 20:28

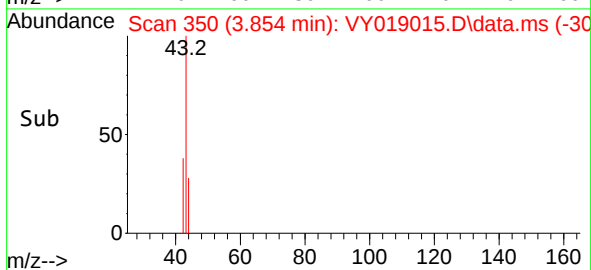
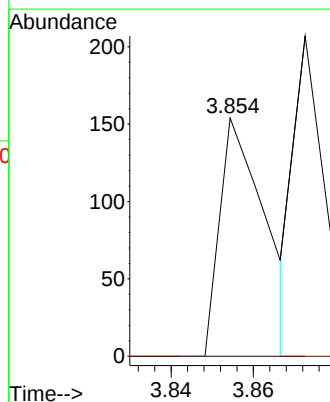
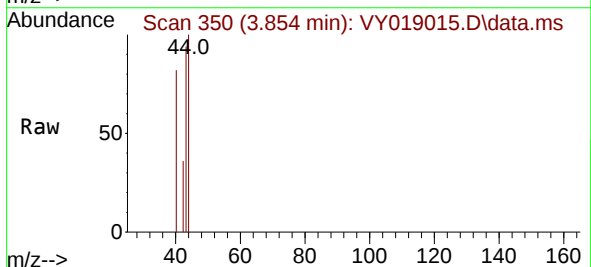
Instrument :
MSVOA_Y
ClientSampleId :

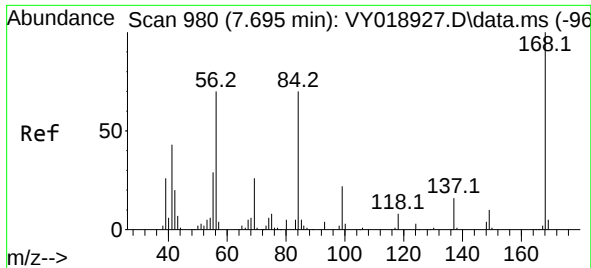
Tgt Ion:168 Resp: 76037
Ion Ratio Lower Upper
168 100
99 42.7 39.1 58.7



#16
Acetone
Concen: 13.181 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019015.D
Acq: 12 Aug 2024 20:28

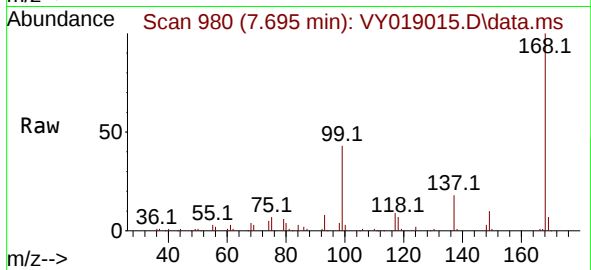
Tgt Ion: 43 Resp: 119
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



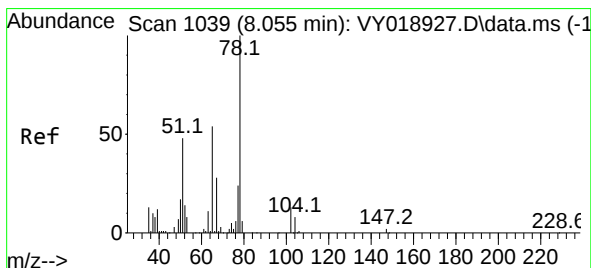
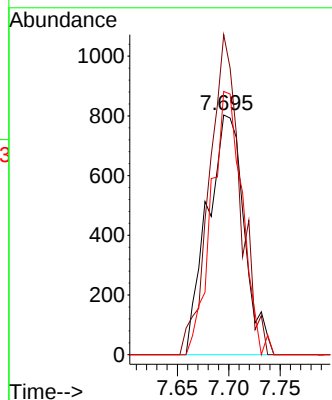
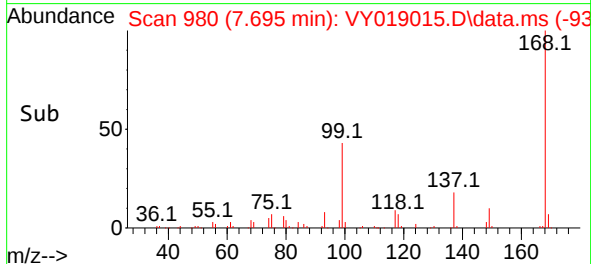


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019015.D
Acq: 12 Aug 2024 20:28

Instrument :
MSVOA_Y
ClientSampleId :

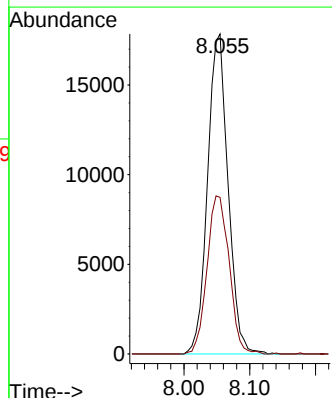
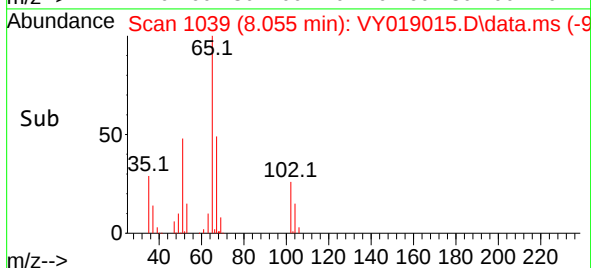
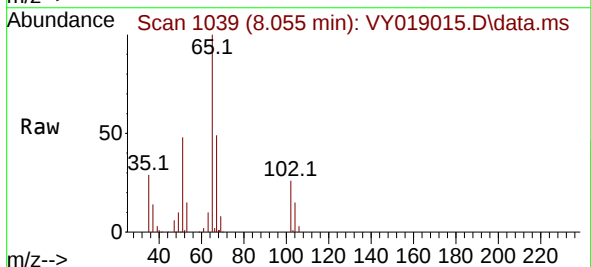


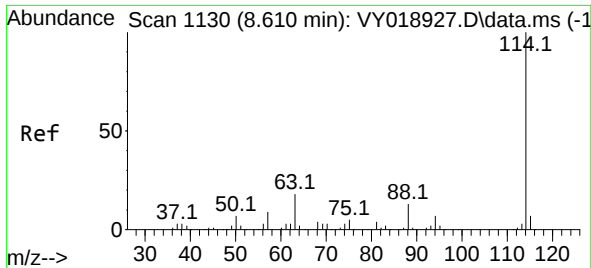
Tgt Ion: 56 Resp: 1992
Ion Ratio Lower Upper
56 100
69 133.5 28.7 43.1#
84 109.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 57.975 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY019015.D
Acq: 12 Aug 2024 20:28

Tgt Ion: 65 Resp: 38704
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019015.D

Acq: 12 Aug 2024 20:28

Instrument :

MSVOA_Y

ClientSampleId :

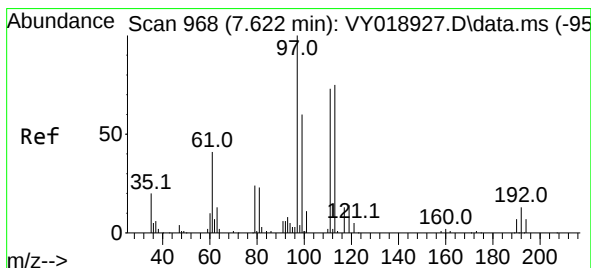
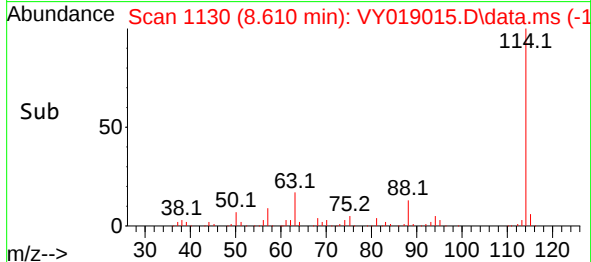
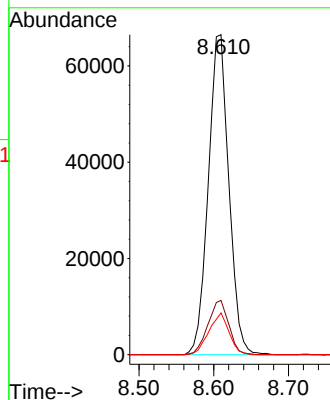
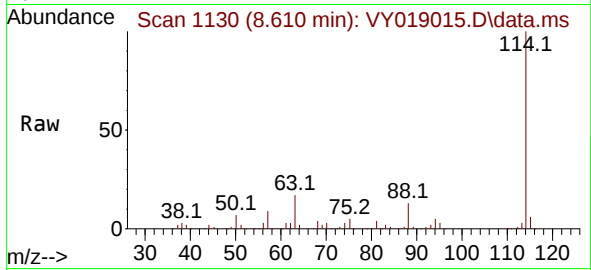
Tgt Ion:114 Resp: 127134

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.014 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019015.D

Acq: 12 Aug 2024 20:28

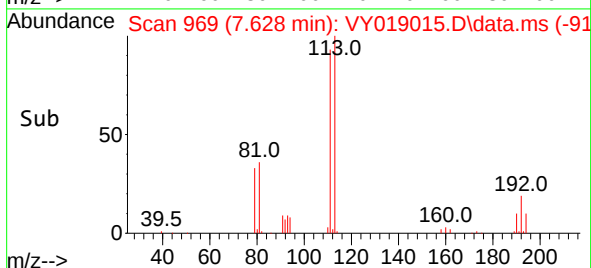
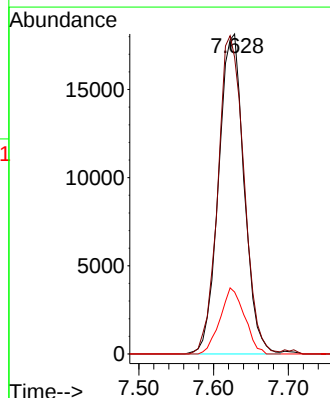
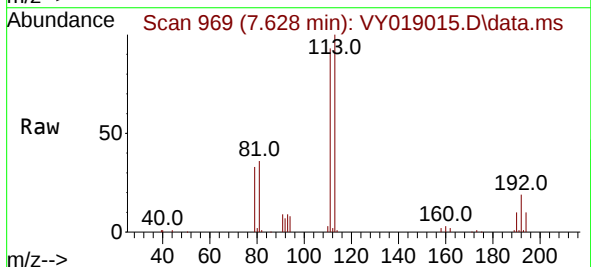
Tgt Ion:113 Resp: 43047

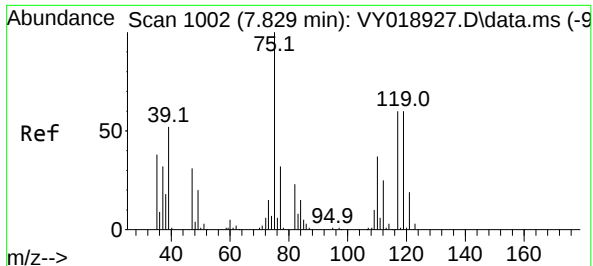
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 19.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.370 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.128 min

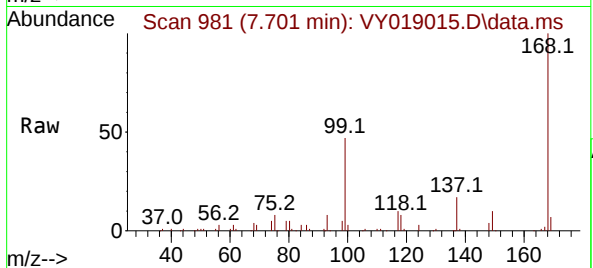
Lab File: VY019015.D

Acq: 12 Aug 2024 20:28

Instrument :

MSVOA_Y

ClientSampleId :



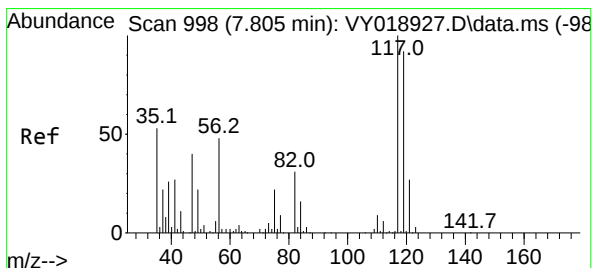
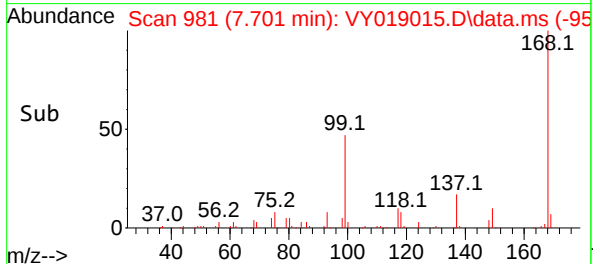
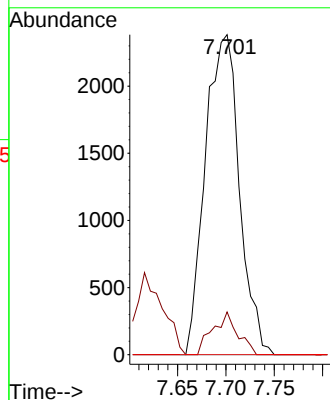
Tgt Ion: 75 Resp: 5853

Ion Ratio Lower Upper

75 100

110 9.8 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.685 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY019015.D

Acq: 12 Aug 2024 20:28

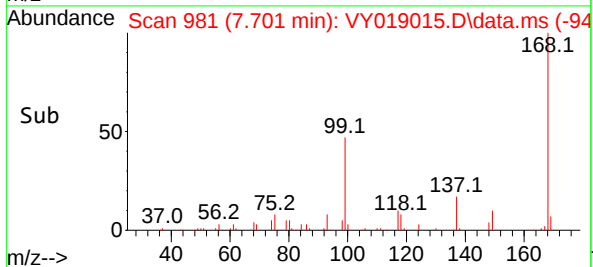
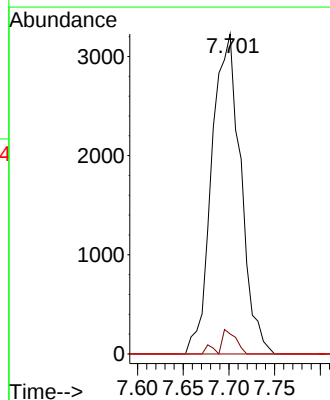
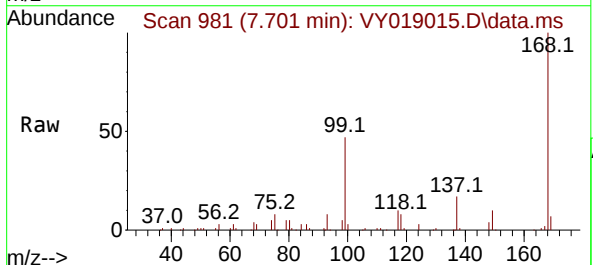
Tgt Ion: 117 Resp: 7105

Ion Ratio Lower Upper

117 100

119 6.3 75.8 113.6#

121 0.0 24.0 36.0#

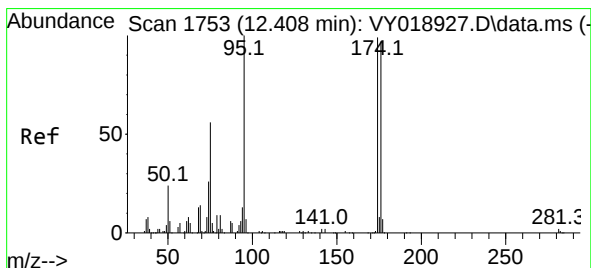
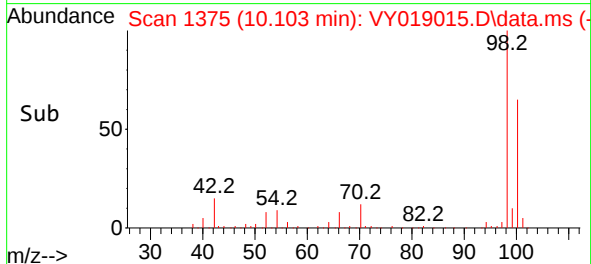
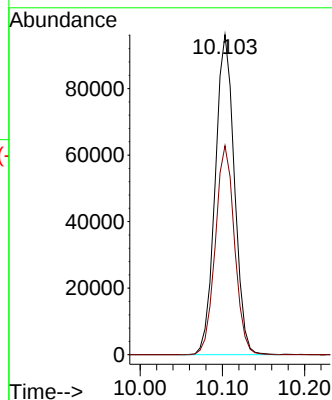
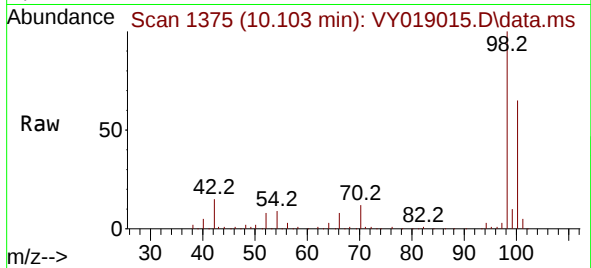




#50
Toluene-d8
Concen: 49.902 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019015.D
Acq: 12 Aug 2024 20:28

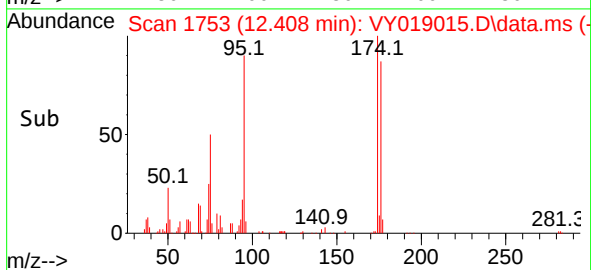
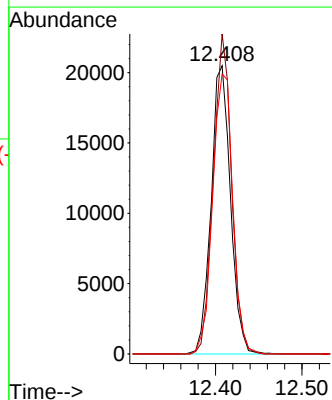
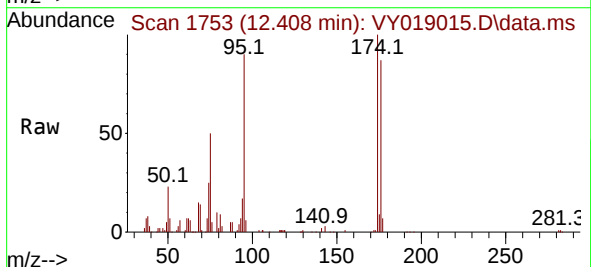
Instrument :
MSVOA_Y
ClientSampleId :

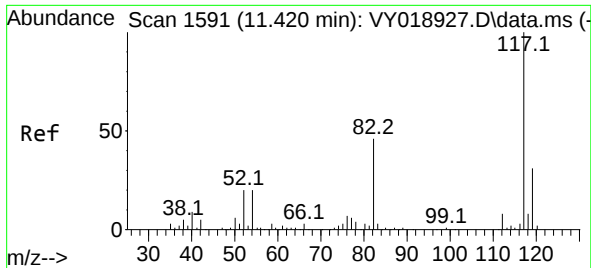
Tgt Ion: 98 Resp: 155638
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.488 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019015.D
Acq: 12 Aug 2024 20:28

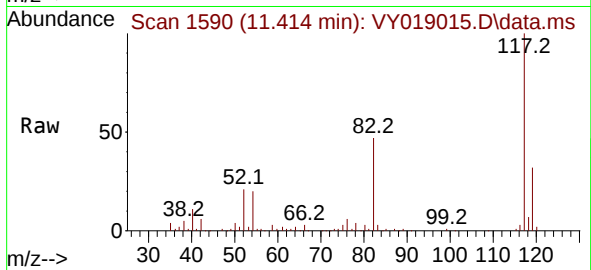
Tgt Ion: 95 Resp: 31912
Ion Ratio Lower Upper
95 100
174 104.4 0.0 175.6
176 100.8 0.0 171.4



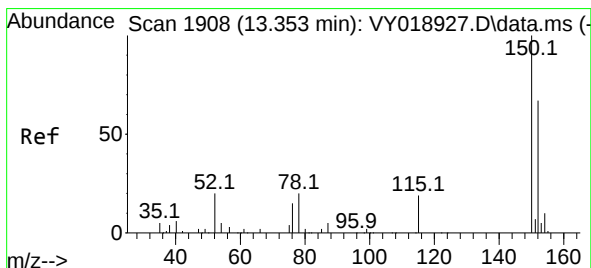
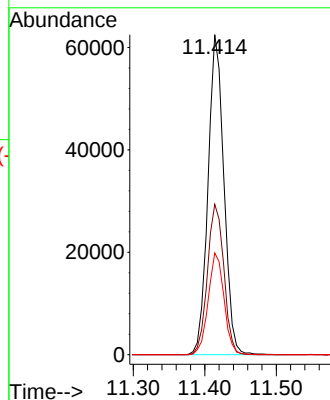
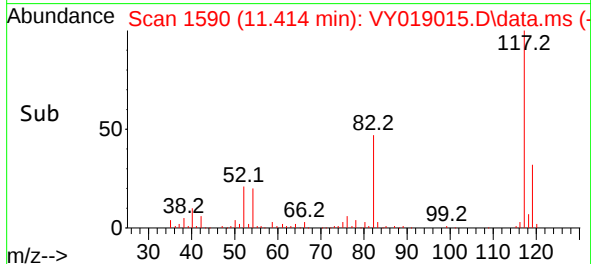


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019015.D
Acq: 12 Aug 2024 20:28

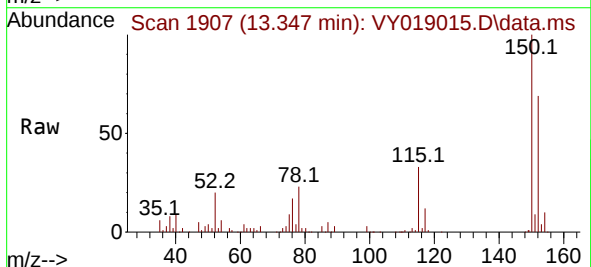
Instrument :
MSVOA_Y
ClientSampleId :



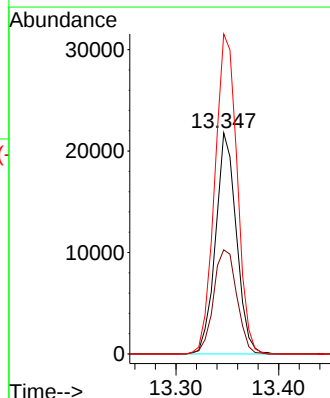
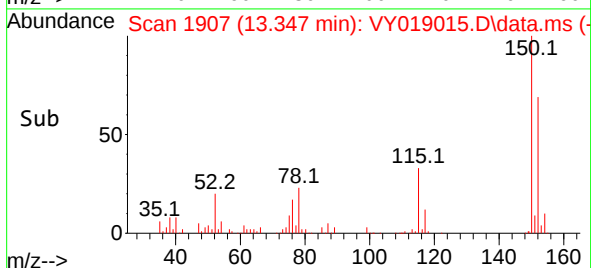
Tgt Ion:117 Resp: 96286
Ion Ratio Lower Upper
117 100
82 47.0 42.4 63.6
119 31.8 25.9 38.9

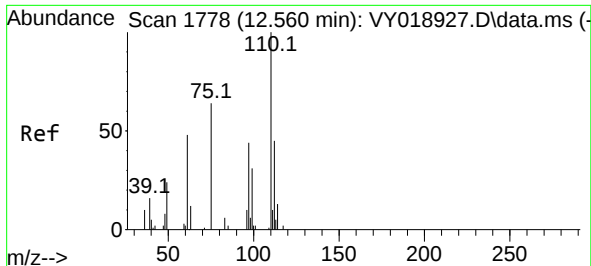


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019015.D
Acq: 12 Aug 2024 20:28



Tgt Ion:152 Resp: 30637
Ion Ratio Lower Upper
152 100
115 52.8 28.2 84.7
150 155.2 0.0 345.6

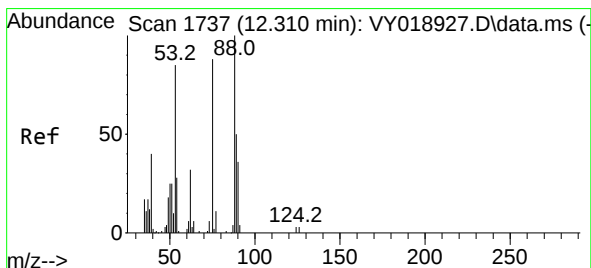
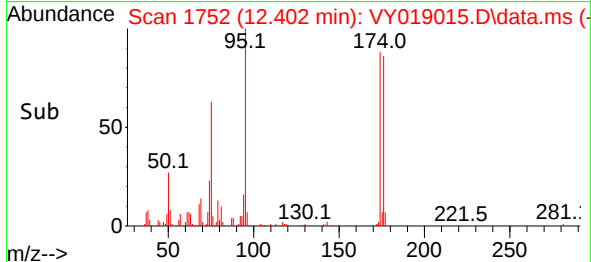
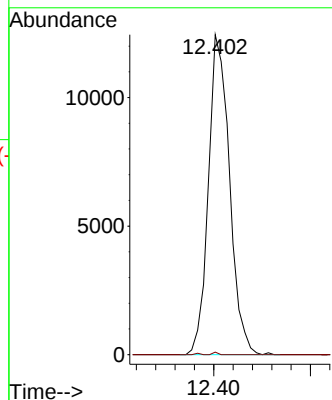
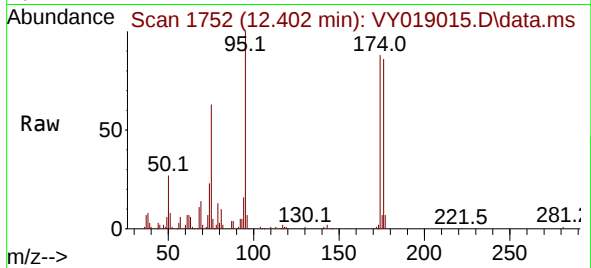




#76
1,2,3-Trichloropropane
Concen: 82.785 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019015.D
Acq: 12 Aug 2024 20:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 18895
Ion Ratio Lower Upper
75 100
77 0.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 170.587 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.092 min
Lab File: VY019015.D
Acq: 12 Aug 2024 20:28

Tgt Ion: 75 Resp: 18895
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

