

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY019014.D
 Acq On : 12 Aug 2024 20:04
 Operator : SY/MD
 Sample : P3518-23
 Misc : 4.28g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

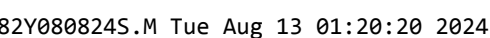
Quant Time: Aug 13 01:20:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

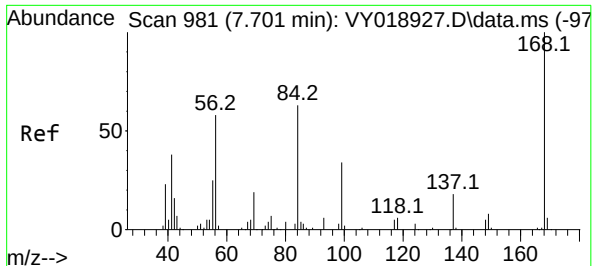
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	76017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	123839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	94854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	29529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39980	59.902	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.800%
35) Dibromofluoromethane	7.622	113	44178	55.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.700%
50) Toluene-d8	10.103	98	161599	53.192	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.380%
62) 4-Bromofluorobenzene	12.408	95	32981	36.592	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	42	Below Cal	#	43
16) Acetone	3.854	43	147	13.335	ug/l #	36
20) Methylene Chloride	4.610	84	995	Below Cal	#	67
31) Cyclohexane	7.695	56	1908	Below Cal	#	37
36) 1,1-Dichloropropene	7.701	75	5239	4.934	ug/l #	40
38) Carbon Tetrachloride	7.695	117	6704	5.507	ug/l #	20
51) 4-Methyl-2-Pentanone	10.097	43	848	1.666	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	19515	88.710	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	19515	182.795	ug/l #	16

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

Quant Time: Aug 13 01:20:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

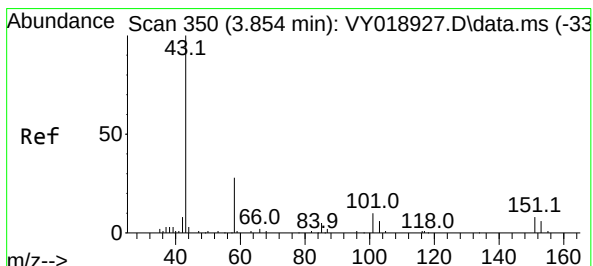
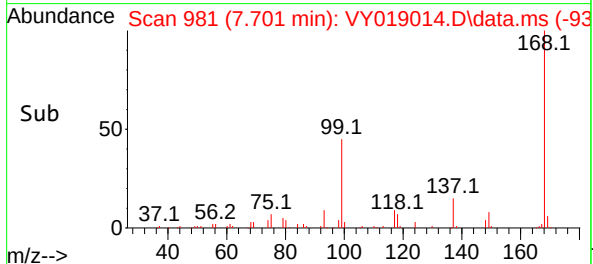
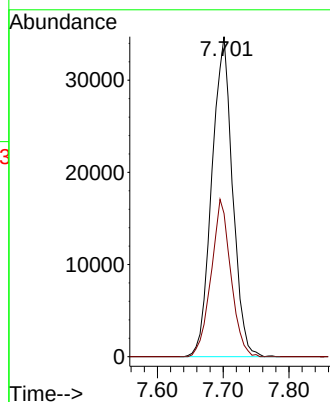
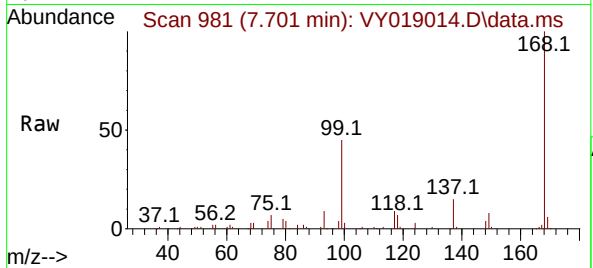




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019014.D
Acq: 12 Aug 2024 20:04

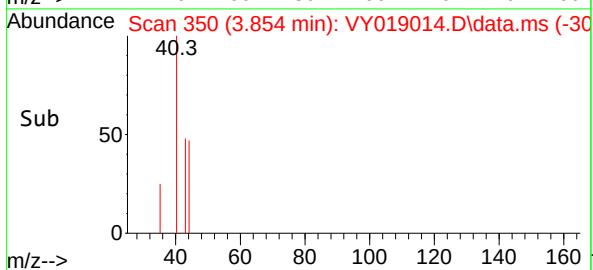
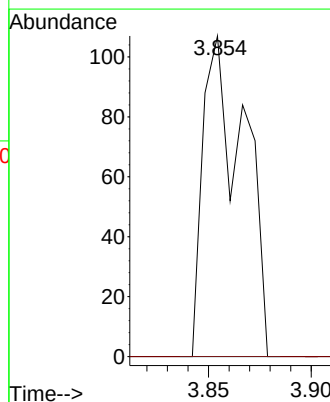
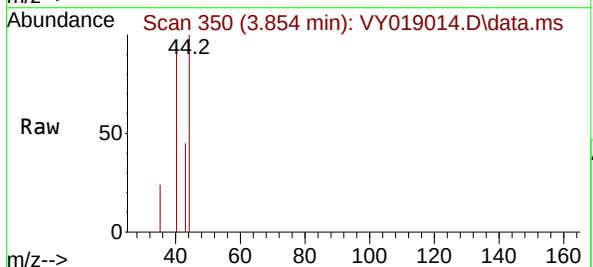
Instrument :
MSVOA_Y
ClientSampleId :

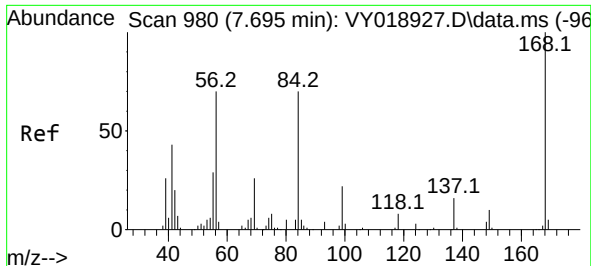
Tgt Ion:168 Resp: 76017
Ion Ratio Lower Upper
168 100
99 44.7 39.1 58.7



#16
Acetone
Concen: 13.335 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019014.D
Acq: 12 Aug 2024 20:04

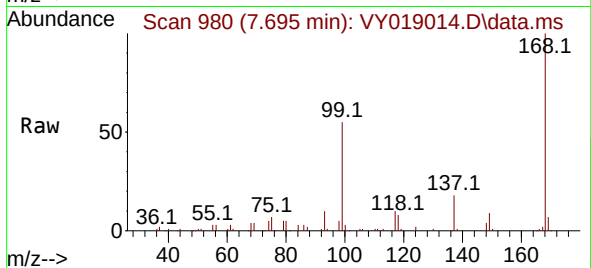
Tgt Ion: 43 Resp: 147
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



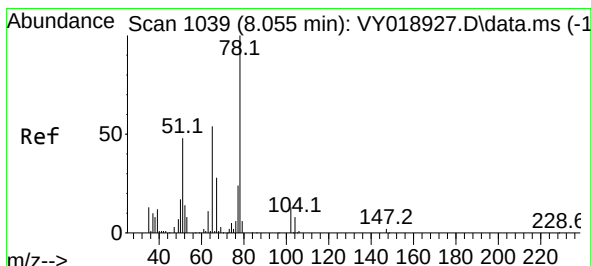
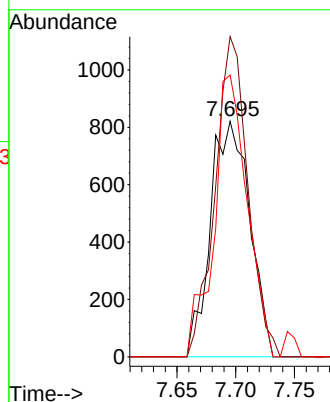
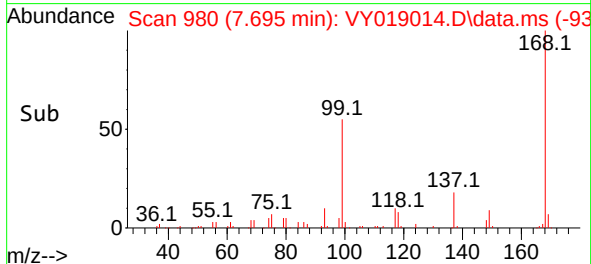


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019014.D
Acq: 12 Aug 2024 20:04

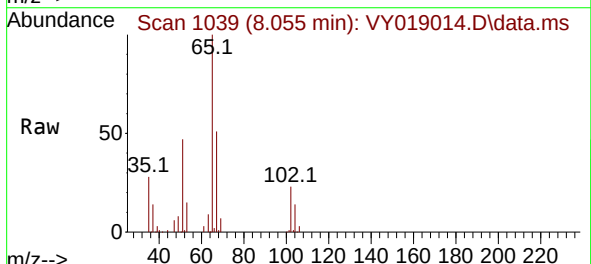
Instrument :
MSVOA_Y
ClientSampleId :



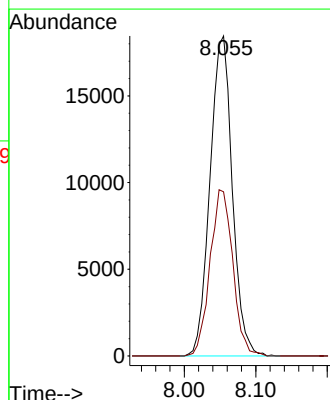
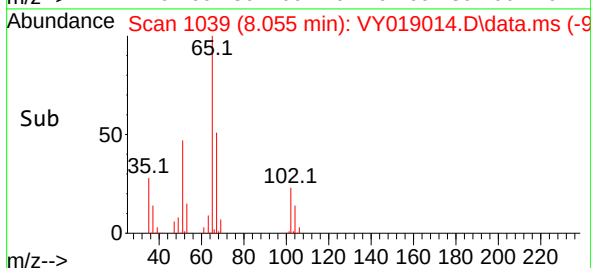
Tgt Ion: 56 Resp: 1908
Ion Ratio Lower Upper
56 100
69 135.9 28.7 43.1#
84 119.6 77.7 116.5#

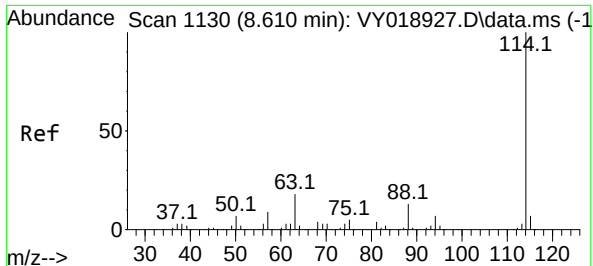


#33
1,2-Dichloroethane-d4
Concen: 59.902 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY019014.D
Acq: 12 Aug 2024 20:04



Tgt Ion: 65 Resp: 39980
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019014.D

Acq: 12 Aug 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

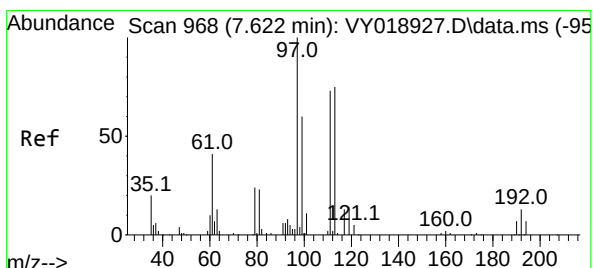
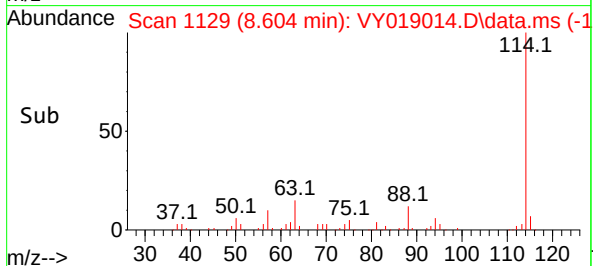
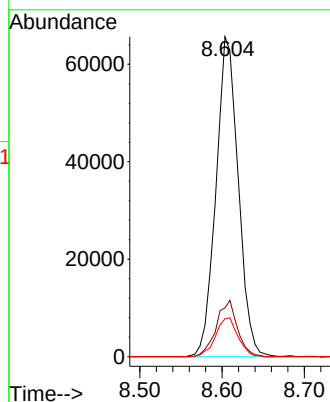
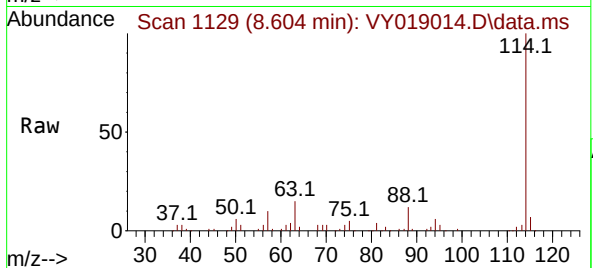
Tgt Ion:114 Resp: 123839

Ion Ratio Lower Upper

114 100

63 15.3 0.0 35.0

88 11.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.855 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019014.D

Acq: 12 Aug 2024 20:04

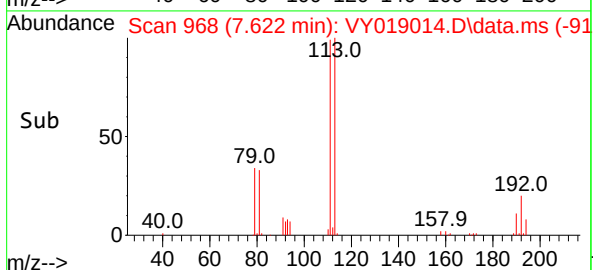
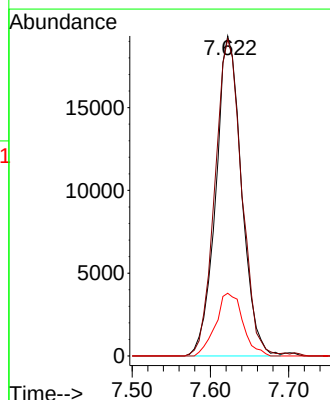
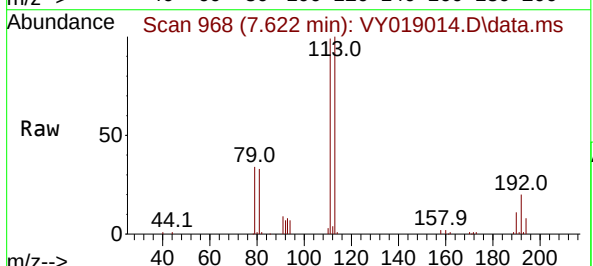
Tgt Ion:113 Resp: 44178

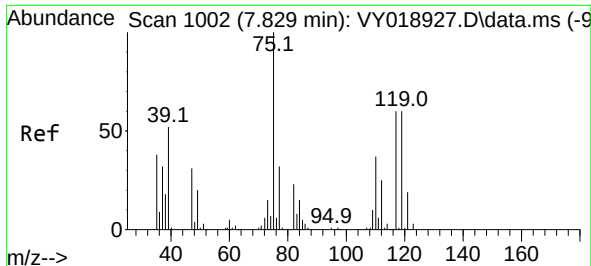
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

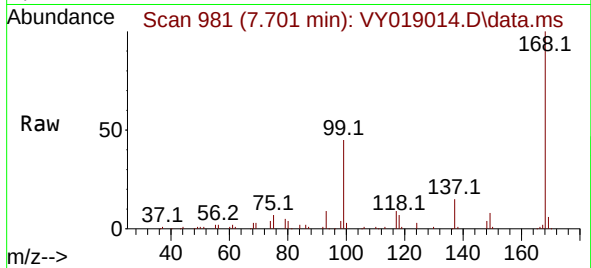
192 20.7 15.9 23.9



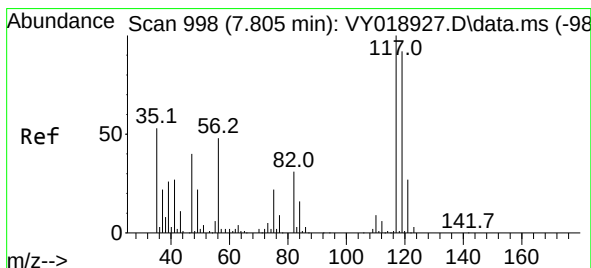
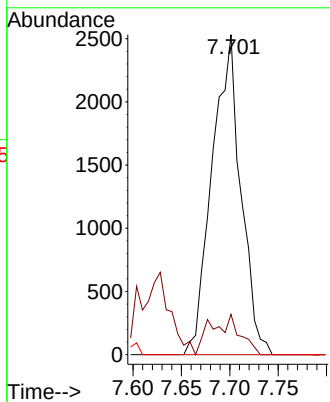
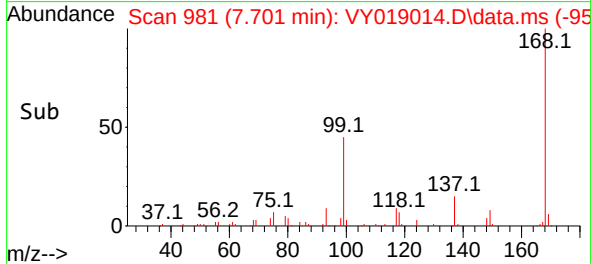


#36
 1,1-Dichloropropene
 Concen: 4.934 ug/l
 RT: 7.701 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY019014.D
 Acq: 12 Aug 2024 20:04

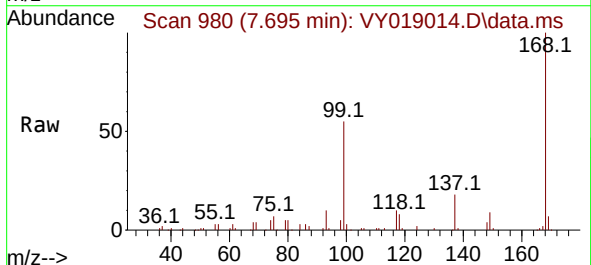
Instrument :
 MSVOA_Y
 ClientSampleId :



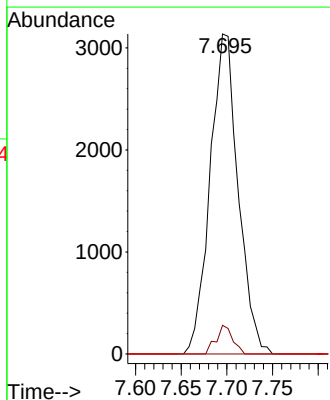
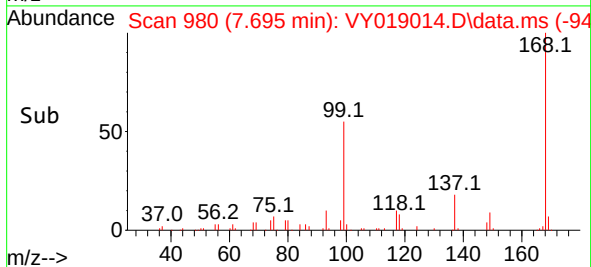
Tgt Ion: 75 Resp: 5239
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.0 57.0#
 77 0.0 25.3 37.9#

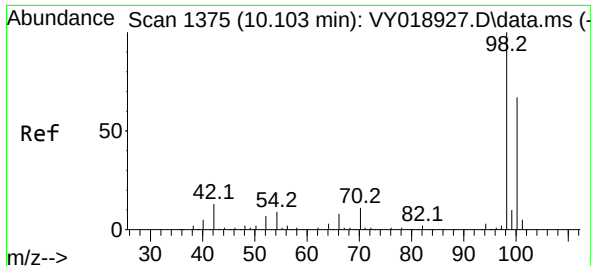


#38
 Carbon Tetrachloride
 Concen: 5.507 ug/l
 RT: 7.695 min Scan# 980
 Delta R.T. -0.110 min
 Lab File: VY019014.D
 Acq: 12 Aug 2024 20:04



Tgt Ion: 117 Resp: 6704
 Ion Ratio Lower Upper
 117 100
 119 9.0 75.8 113.6#
 121 0.0 24.0 36.0#

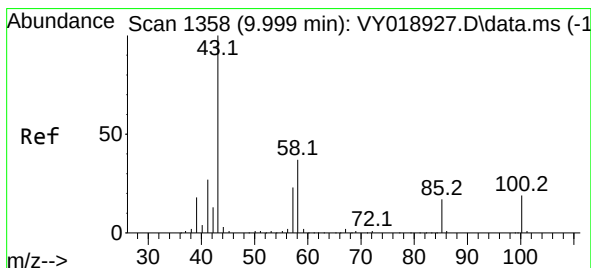
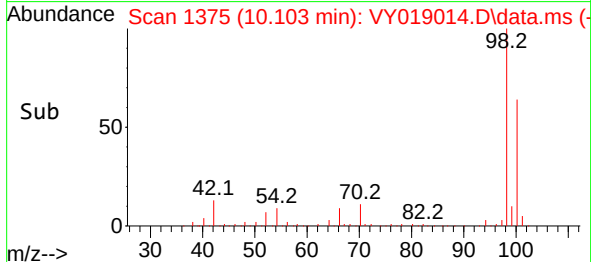
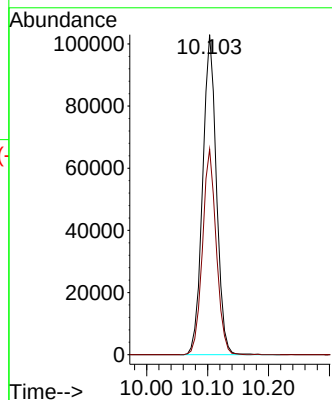
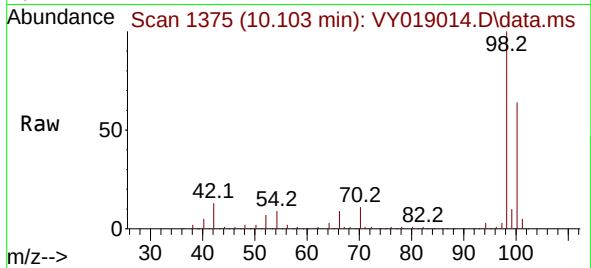




#50
Toluene-d8
Concen: 53.192 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019014.D
Acq: 12 Aug 2024 20:04

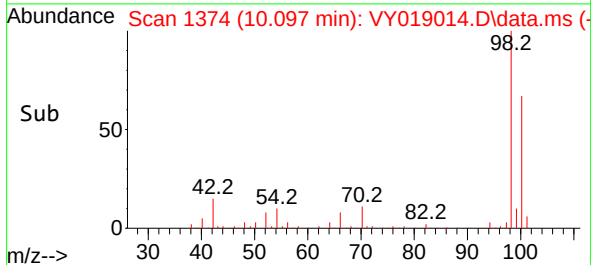
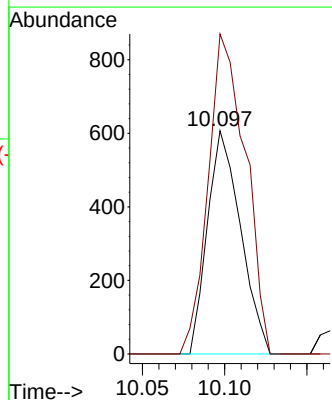
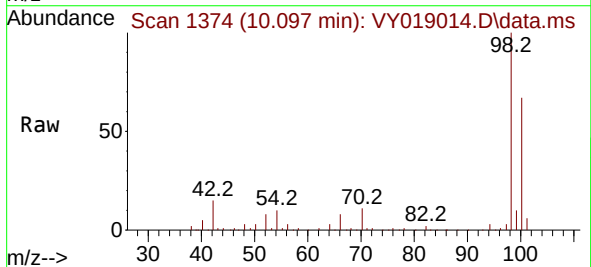
Instrument :
MSVOA_Y
ClientSampleId :

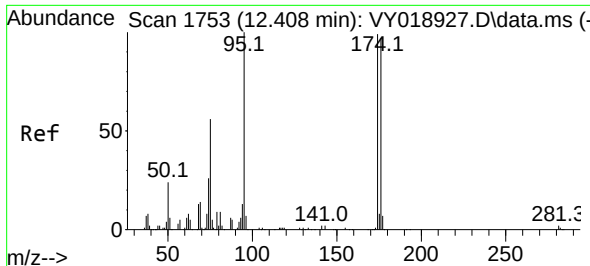
Tgt Ion: 98 Resp: 161599
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.666 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. 0.098 min
Lab File: VY019014.D
Acq: 12 Aug 2024 20:04

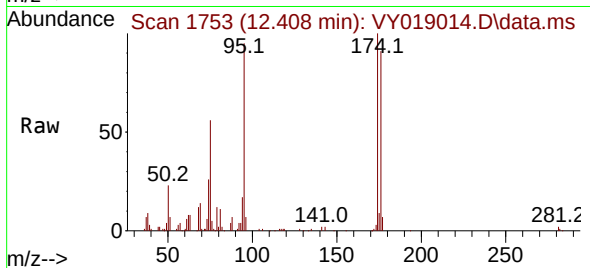
Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
58 161.3 35.7 53.5#



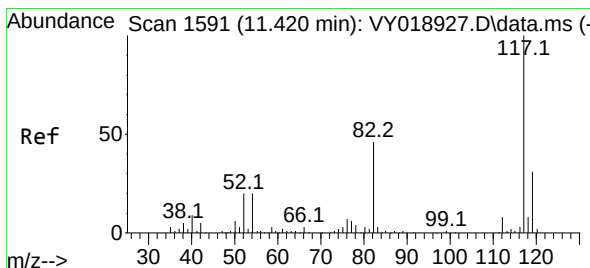
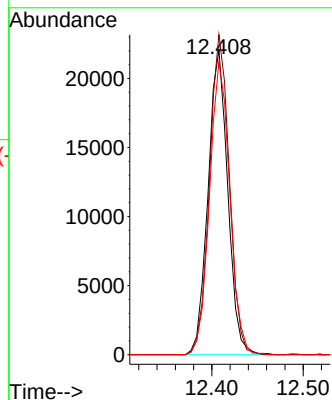
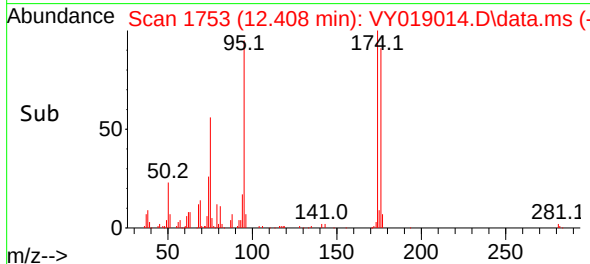


#62
4-Bromofluorobenzene
Concen: 36.592 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019014.D
Acq: 12 Aug 2024 20:04

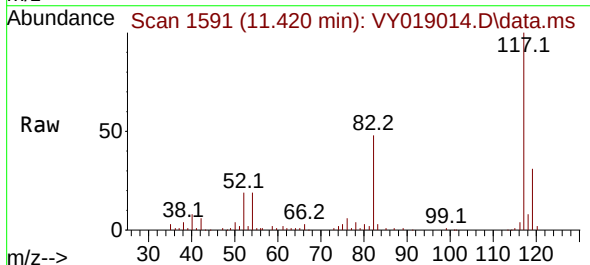
Instrument :
MSVOA_Y
ClientSampleId :



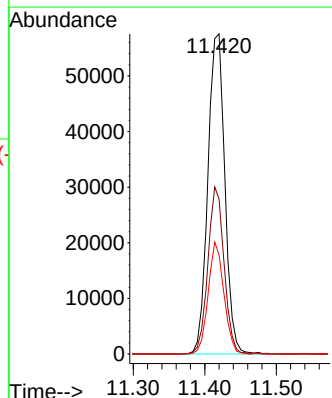
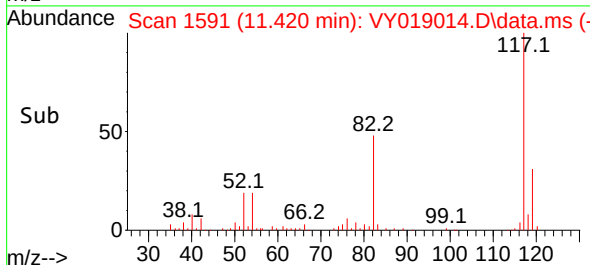
Tgt Ion: 95 Resp: 32981
Ion Ratio Lower Upper
95 100
174 106.0 0.0 175.6
176 98.7 0.0 171.4

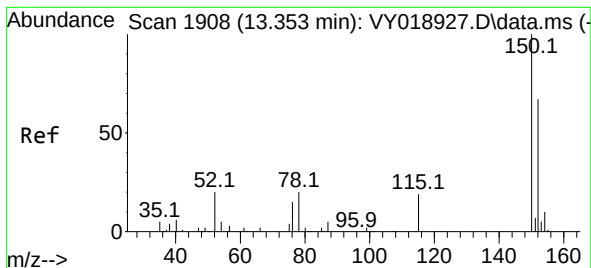


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019014.D
Acq: 12 Aug 2024 20:04



Tgt Ion: 117 Resp: 94854
Ion Ratio Lower Upper
117 100
82 48.4 42.4 63.6
119 30.9 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: VY019014.D

Acq: 12 Aug 2024 20:04

Instrument :

MSVOA_Y

ClientSampleId :

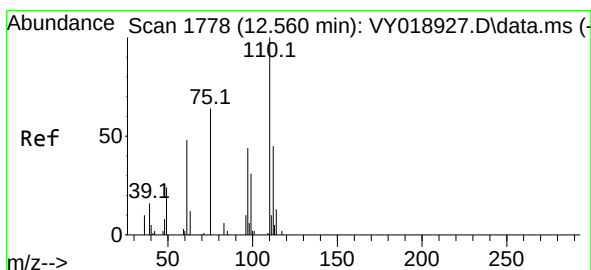
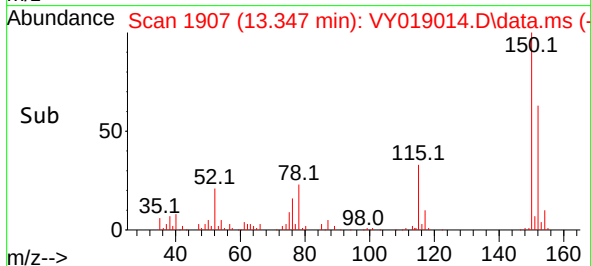
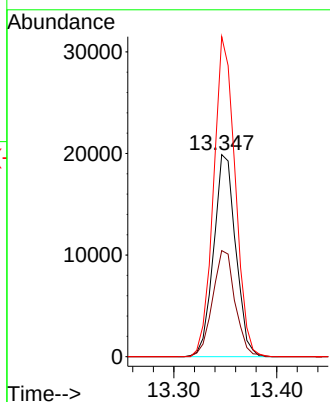
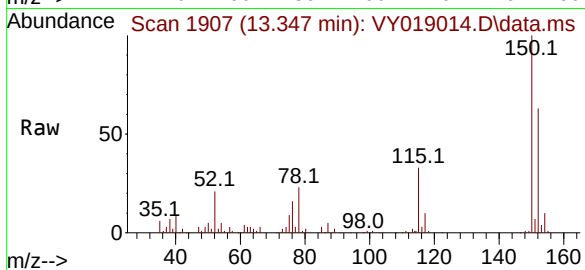
Tgt Ion:152 Resp: 29529

Ion Ratio Lower Upper

152 100

115 53.7 28.2 84.7

150 155.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 88.710 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019014.D

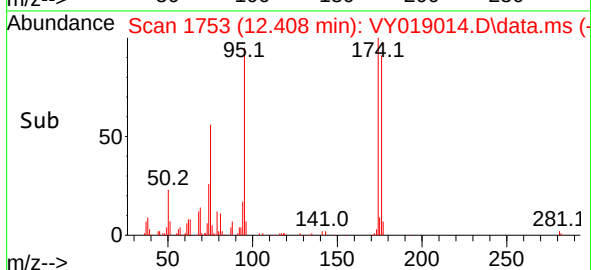
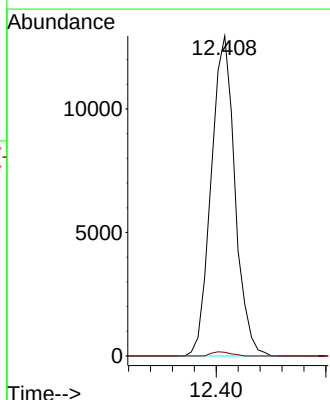
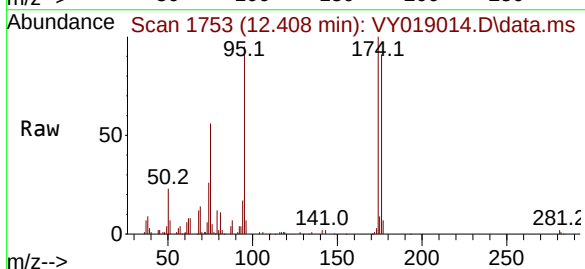
Acq: 12 Aug 2024 20:04

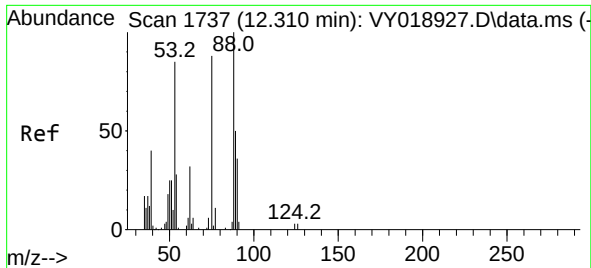
Tgt Ion: 75 Resp: 19515

Ion Ratio Lower Upper

75 100

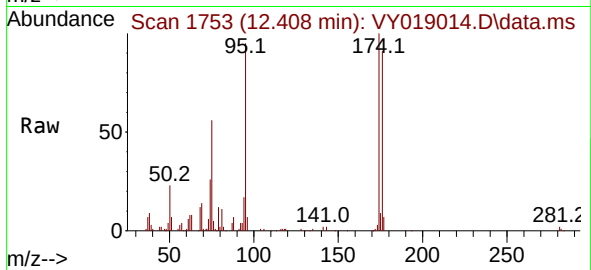
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 182.795 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019014.D
 Acq: 12 Aug 2024 20:04

Instrument :
 MSVOA_Y
 ClientSampleId :



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

