

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019036.D
 Acq On : 13 Aug 2024 17:58
 Operator : SY/MD
 Sample : P3543-01
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-0019

Quant Time: Aug 14 01:40:37 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)

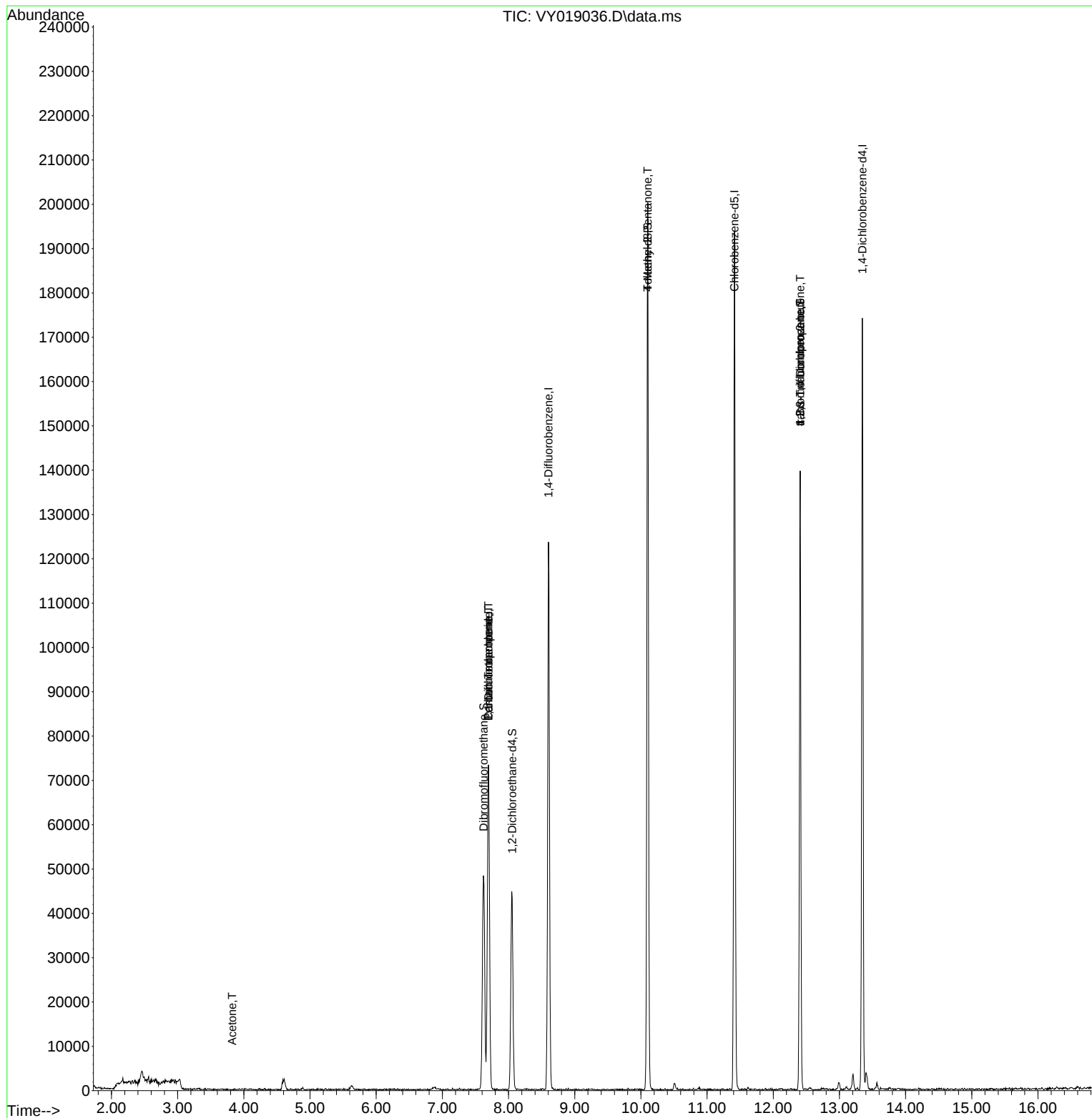
Internal Standards						
1) Pentafluorobenzene	7.695	168	58440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	101407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	89981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	39611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	27664	53.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.840%
35) Dibromofluoromethane	7.622	113	31515	48.659	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.103	98	122237	49.136	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.408	95	33691	45.648	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.300%
Target Compounds						
					Qvalue	
16) Acetone	3.824	43	27	12.720	ug/l #	36
20) Methylene Chloride	4.610	84	1751	Below Cal	#	88
31) Cyclohexane	7.695	56	1576	Below Cal	#	71
36) 1,1-Dichloropropene	7.695	75	4247	4.885	ug/l #	48
38) Carbon Tetrachloride	7.695	117	5394	5.411	ug/l #	15
41) Methacrylonitrile	7.256	41	68	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.103	43	693	1.663	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	19097	64.715	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	19097	133.350	ug/l #	16

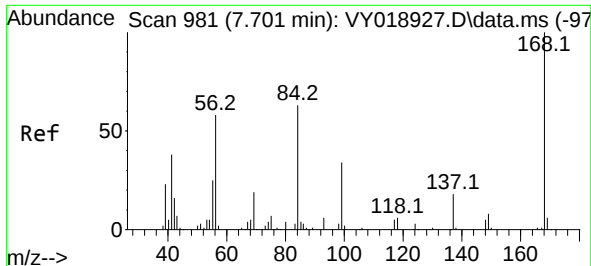
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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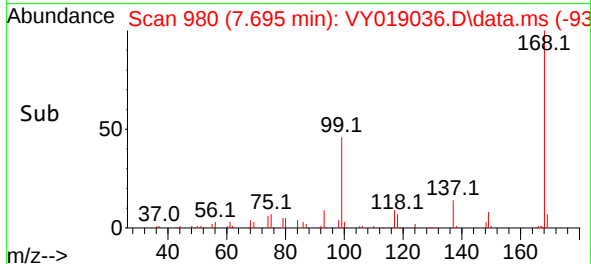
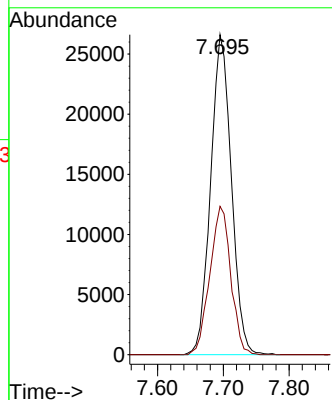
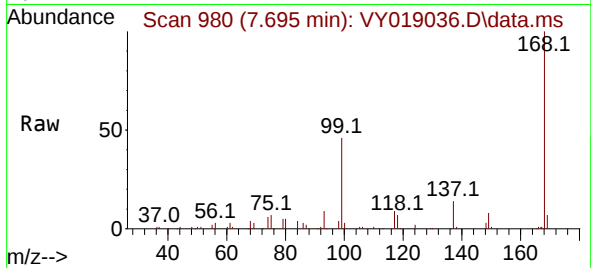




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

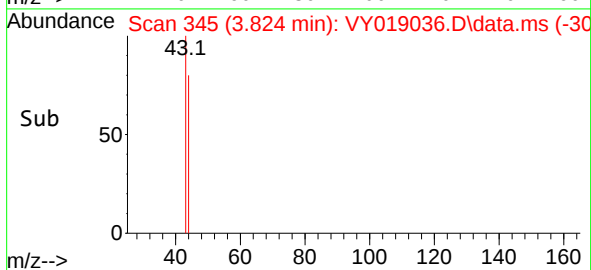
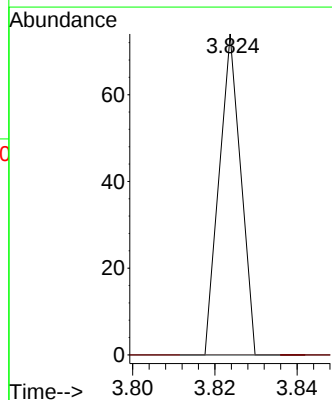
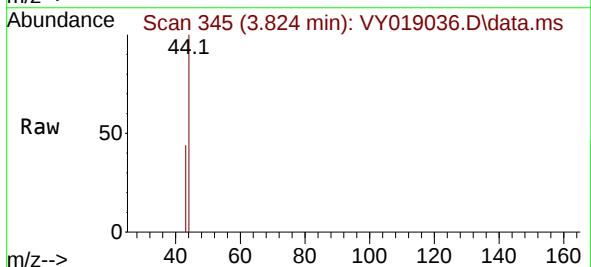
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0019

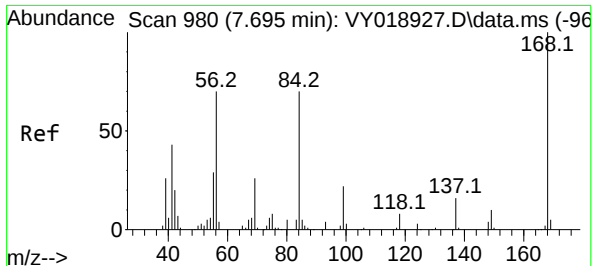
Tgt Ion:168 Resp: 58440
Ion Ratio Lower Upper
168 100
99 46.3 39.1 58.7



#16
Acetone
Concen: 12.720 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.031 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

Tgt Ion: 43 Resp: 27
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

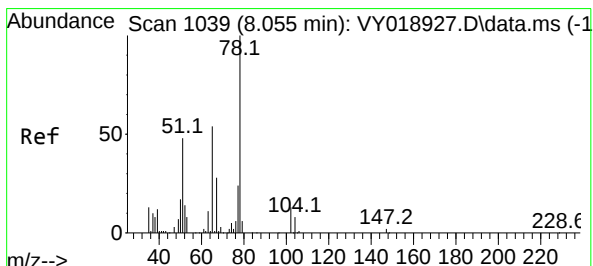
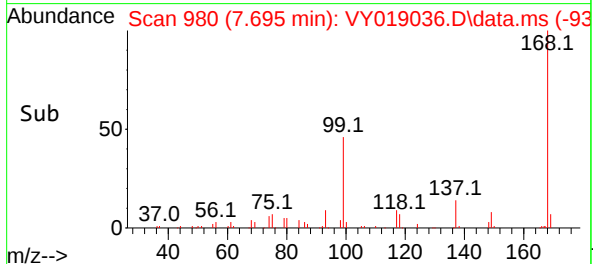
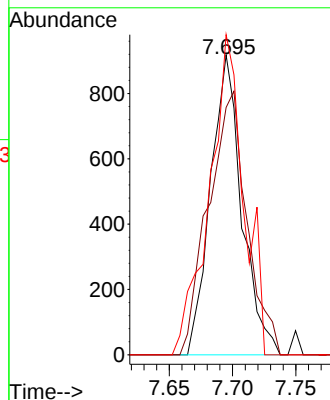
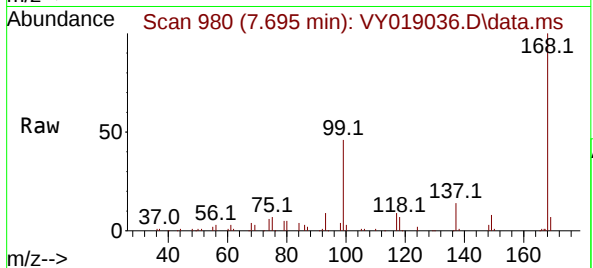




#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

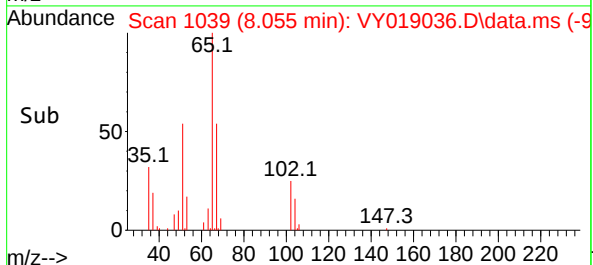
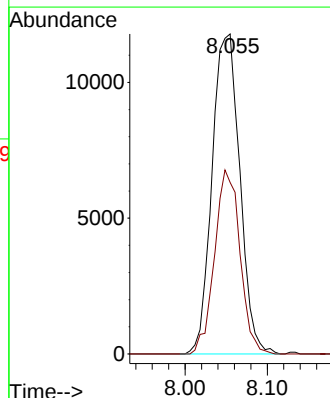
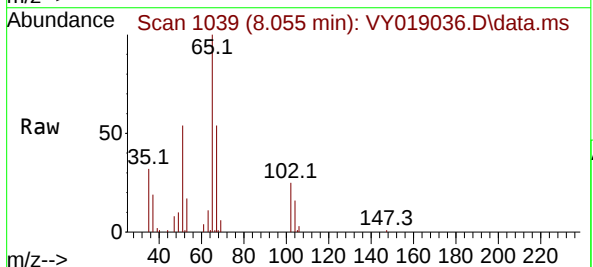
Instrument :
MSVOA_Y
ClientSampleId :
ARS20-0019

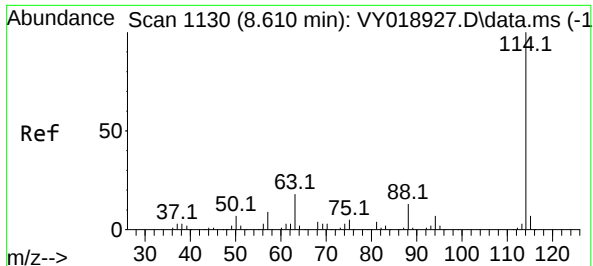
Tgt Ion: 56 Resp: 1576
Ion Ratio Lower Upper
56 100
69 82.5 28.7 43.1#
84 106.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 53.916 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

Tgt Ion: 65 Resp: 27664
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019036.D

Acq: 13 Aug 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-0019

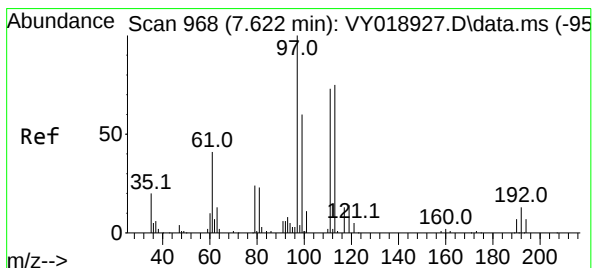
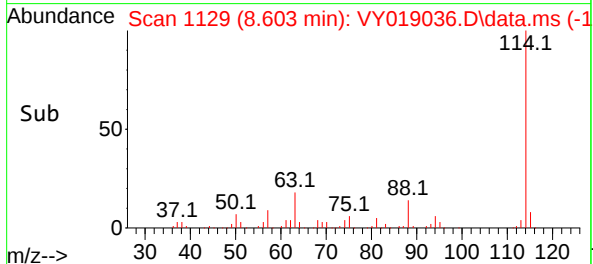
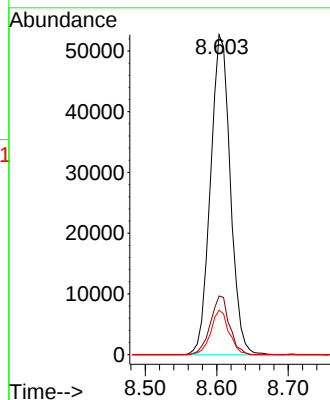
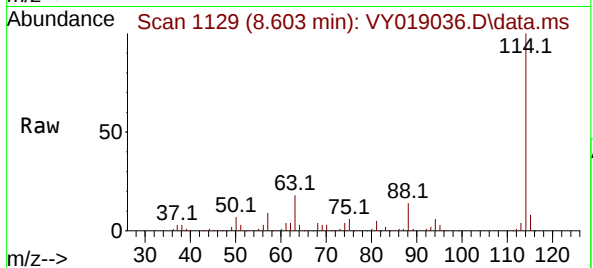
Tgt Ion:114 Resp: 101407

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.659 ug/l

RT: 7.622 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY019036.D

Acq: 13 Aug 2024 17:58

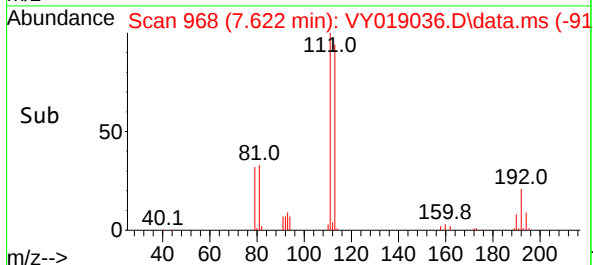
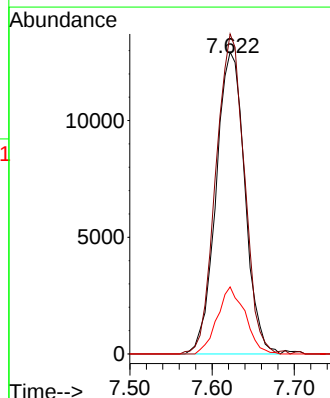
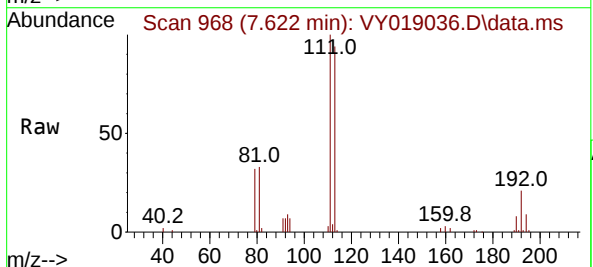
Tgt Ion:113 Resp: 31515

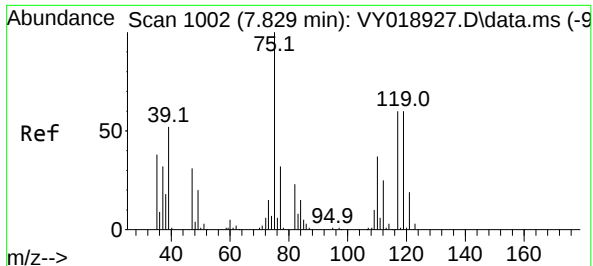
Ion Ratio Lower Upper

113 100

111 105.1 82.2 123.4

192 21.5 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.885 ug/l

RT: 7.695 min Scan# 9

Delta R.T. -0.134 min

Lab File: VY019036.D

Acq: 13 Aug 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-0019

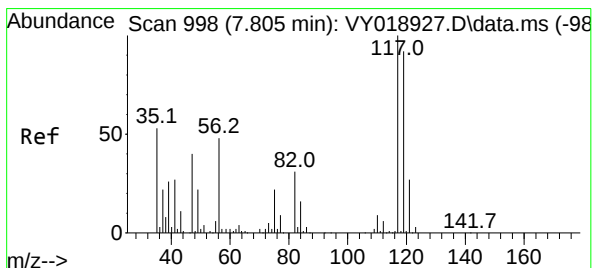
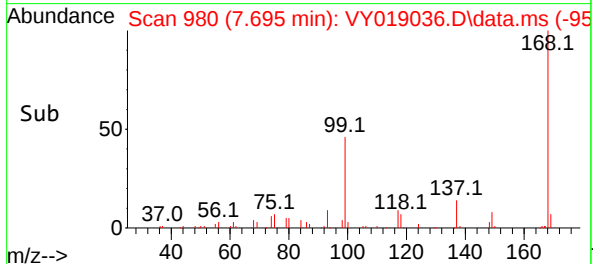
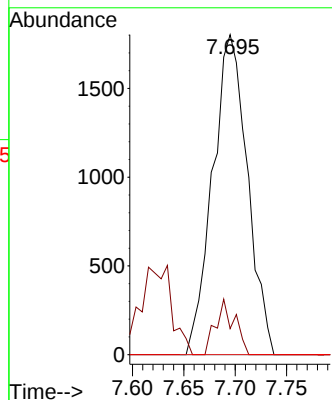
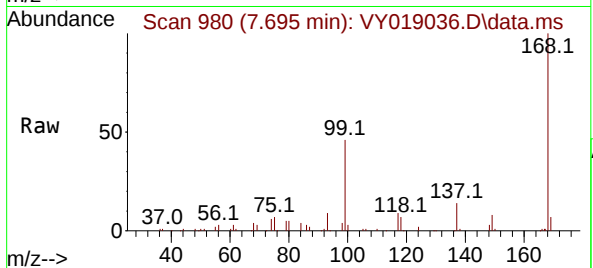
Tgt Ion: 75 Resp: 4247

Ion Ratio Lower Upper

75 100

110 9.4 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.411 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY019036.D

Acq: 13 Aug 2024 17:58

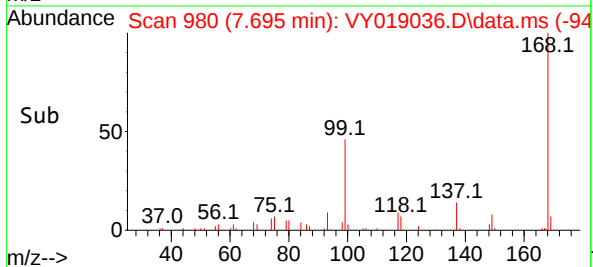
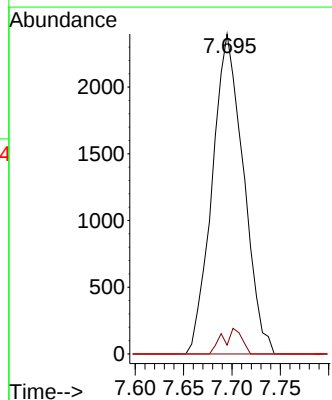
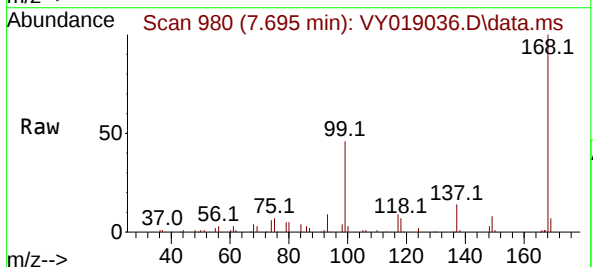
Tgt Ion: 117 Resp: 5394

Ion Ratio Lower Upper

117 100

119 2.8 75.8 113.6#

121 0.0 24.0 36.0#

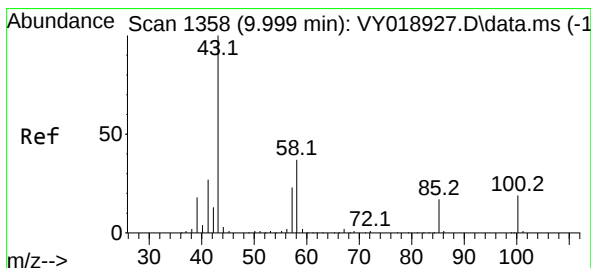
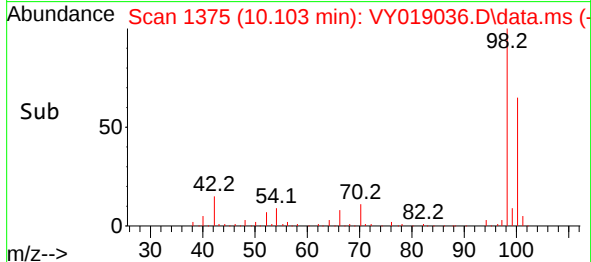
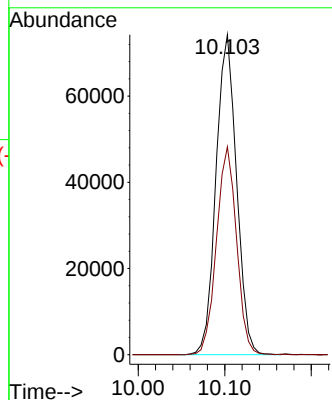
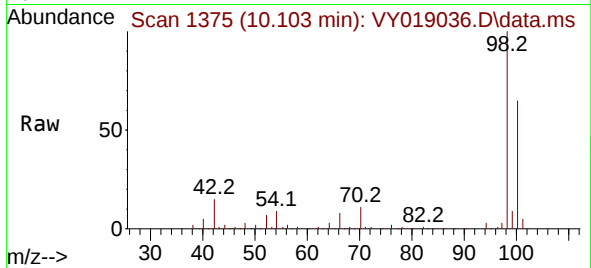




#50
Toluene-d8
Concen: 49.136 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

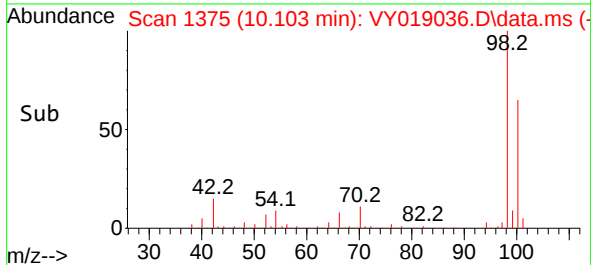
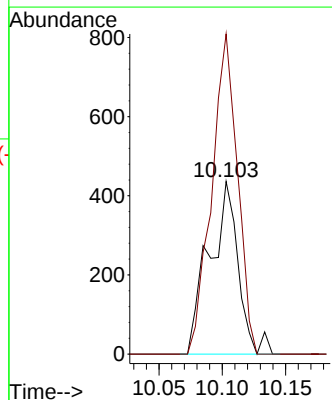
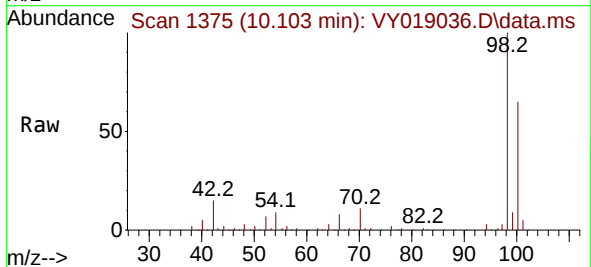
Instrument :
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ARS20-0019

Tgt Ion: 98 Resp: 122237
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.663 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
58 165.5 35.7 53.5#

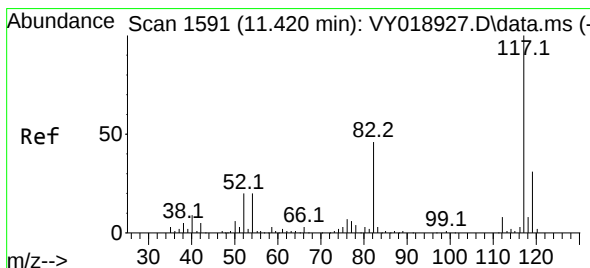
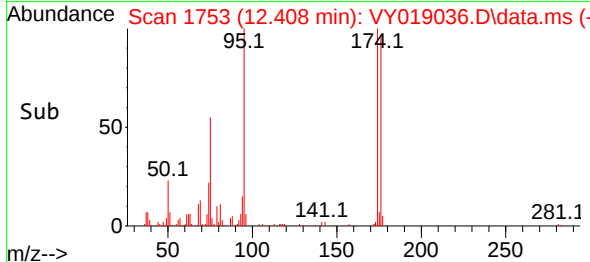
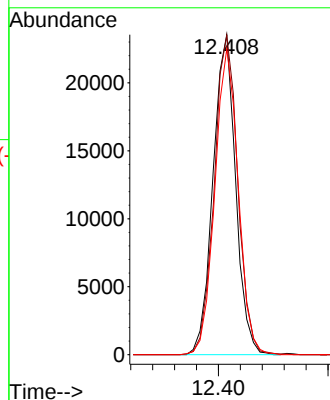
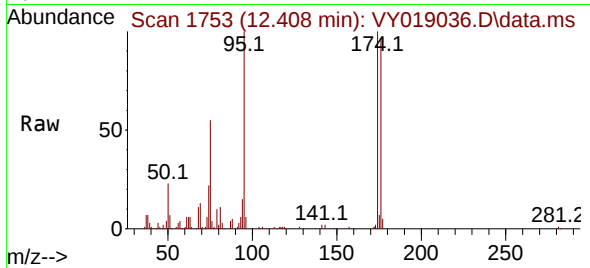




#62
4-Bromofluorobenzene
Concen: 45.648 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

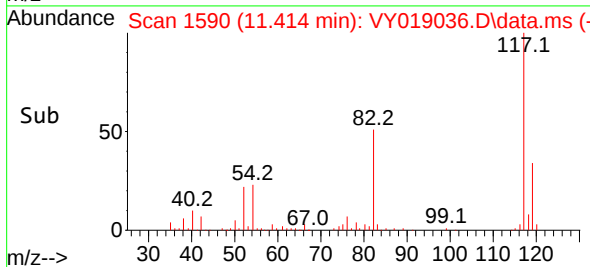
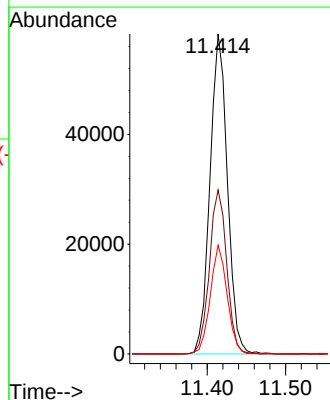
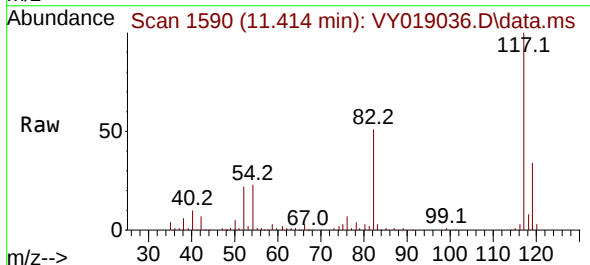
Instrument :
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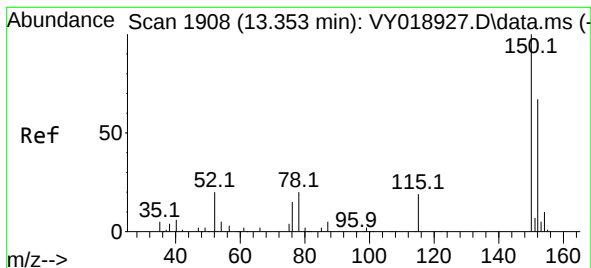
Tgt Ion: 95 Resp: 33691
Ion Ratio Lower Upper
95 100
174 104.1 0.0 175.6
176 98.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019036.D
Acq: 13 Aug 2024 17:58

Tgt Ion: 117 Resp: 89981
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 34.0 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: VY019036.D

Acq: 13 Aug 2024 17:58

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-0019

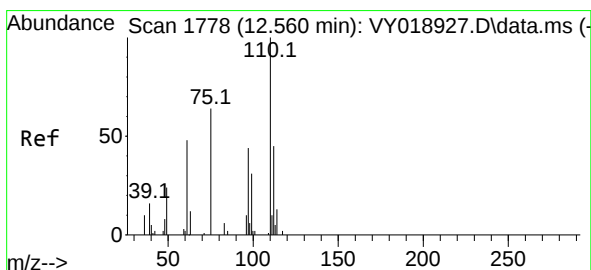
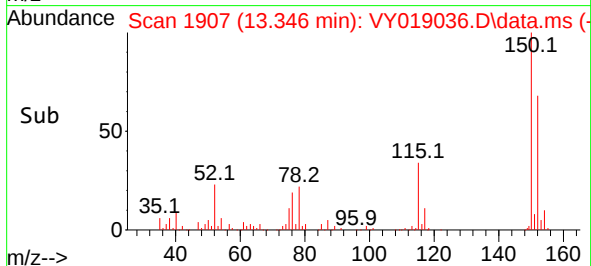
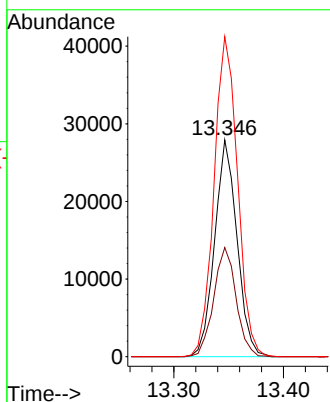
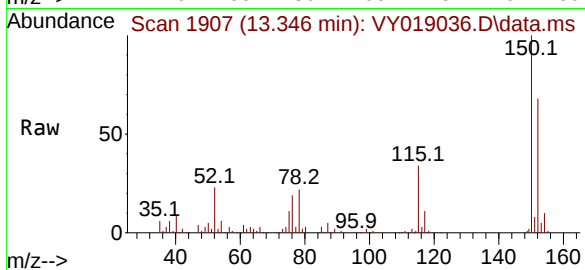
Tgt Ion:152 Resp: 39611

Ion Ratio Lower Upper

152 100

115 50.5 28.2 84.7

150 155.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 64.715 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.153 min

Lab File: VY019036.D

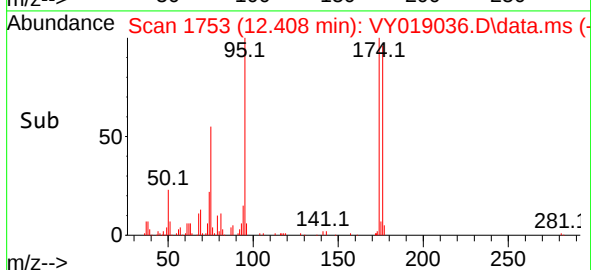
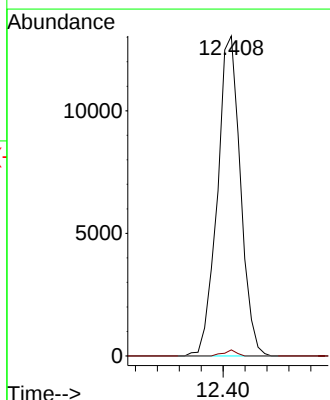
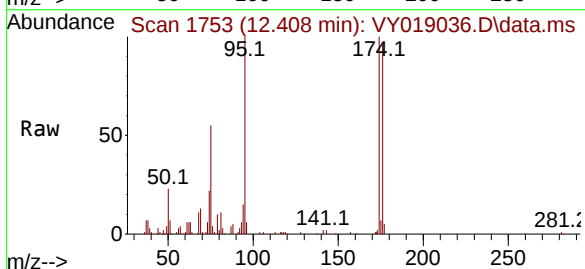
Acq: 13 Aug 2024 17:58

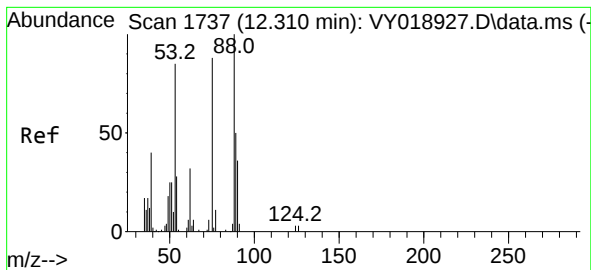
Tgt Ion: 75 Resp: 19097

Ion Ratio Lower Upper

75 100

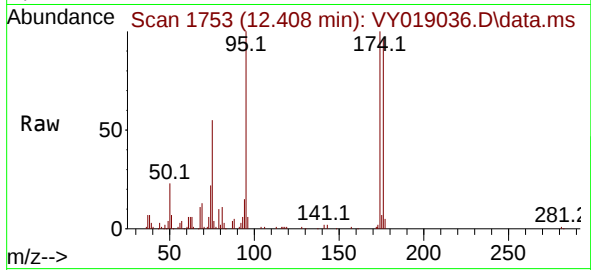
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.350 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY019036.D
 Acq: 13 Aug 2024 17:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-0019



Tgt Ion:	75	Resp:	19097
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

