

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019040.D
 Acq On : 13 Aug 2024 19:37
 Operator : SY/MD
 Sample : P3548-06
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 343

Quant Time: Aug 14 01:42:01 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)

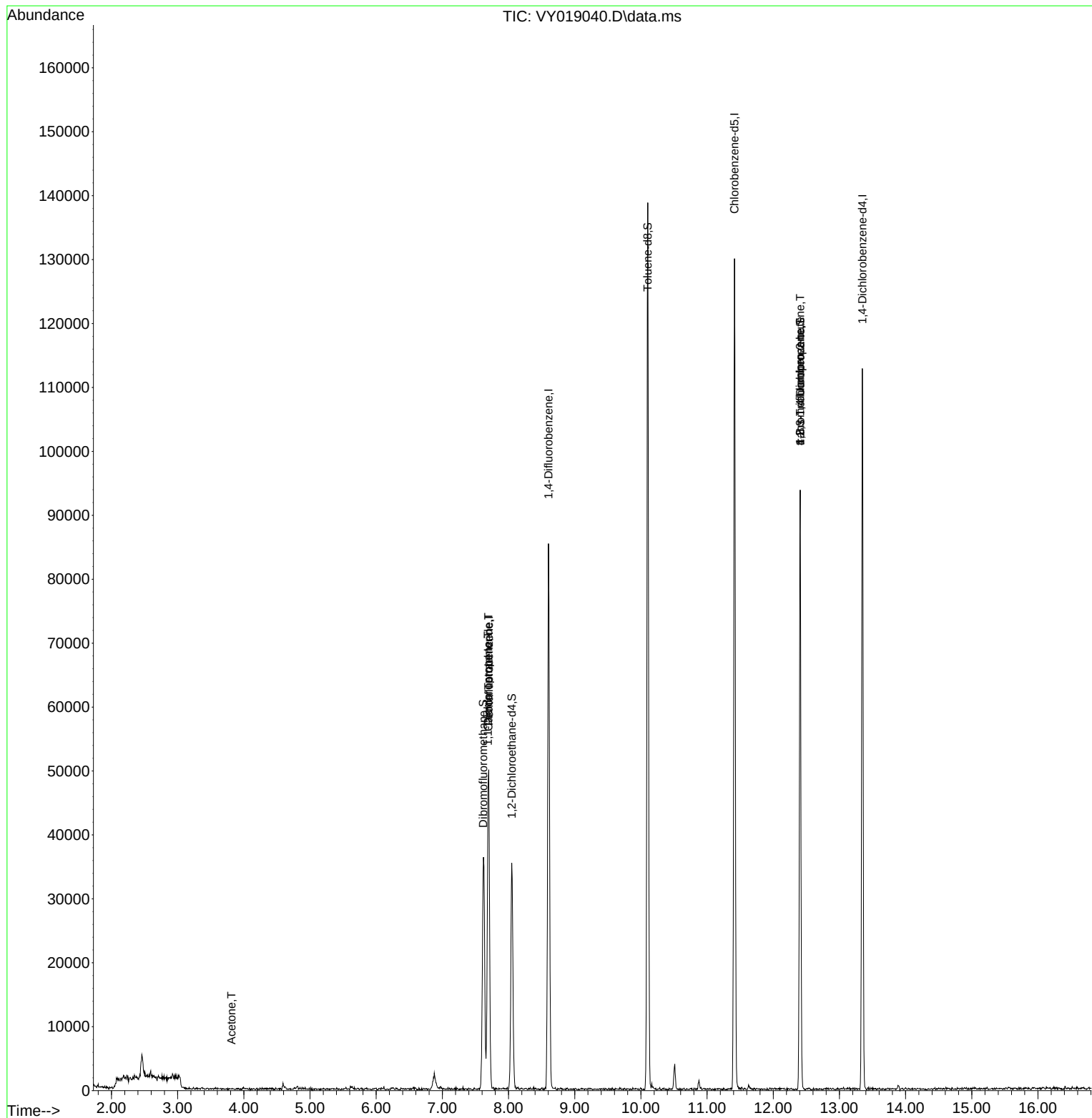
Internal Standards						
1) Pentafluorobenzene	7.701	168	41035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	70916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	64071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	25626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	21400	59.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.800%	
35) Dibromofluoromethane	7.616	113	22890	50.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.080%	
50) Toluene-d8	10.103	98	84410	48.519	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.040%	
62) 4-Bromofluorobenzene	12.408	95	21768	42.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.074	50	102	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	82	Below Cal	#	88
16) Acetone	3.812	43	21	12.741	ug/l #	36
20) Methylene Chloride	4.610	84	83	Below Cal	#	42
31) Cyclohexane	7.695	56	1087	Below Cal	#	48
36) 1,1-Dichloropropene	7.689	75	3223	5.301	ug/l #	45
38) Carbon Tetrachloride	7.695	117	3744	5.371	ug/l #	18
41) Methacrylonitrile	7.140	41	21	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.408	75	13024	68.221	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	13024	140.575	ug/l #	16

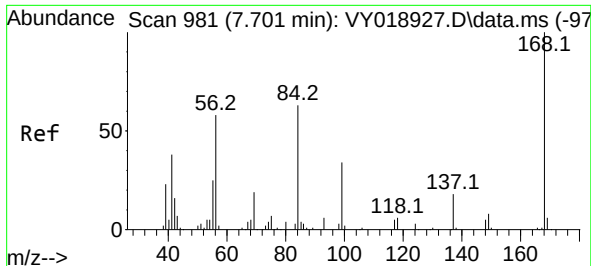
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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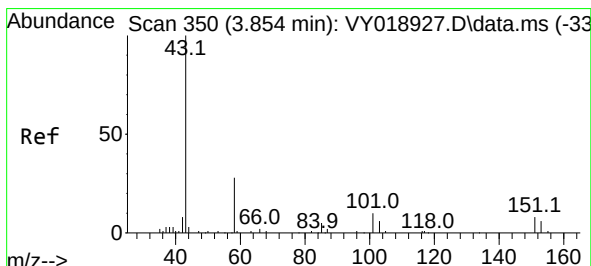
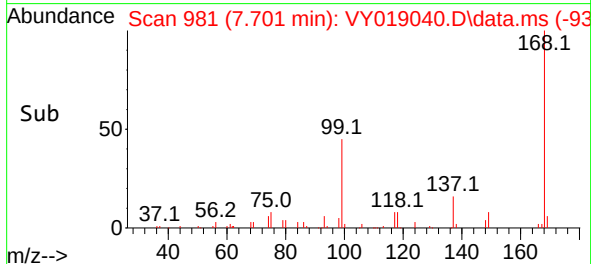
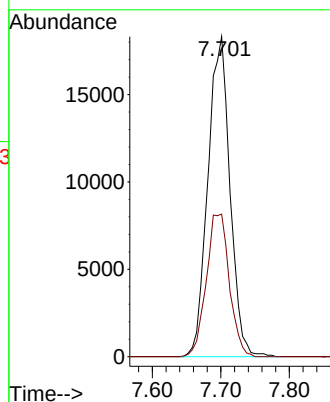
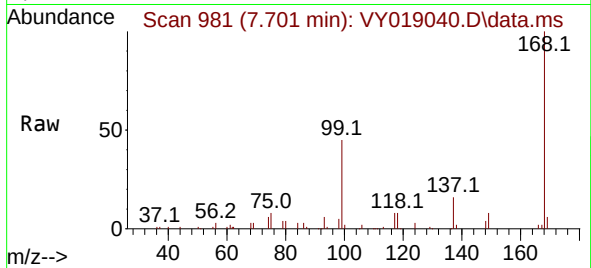




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

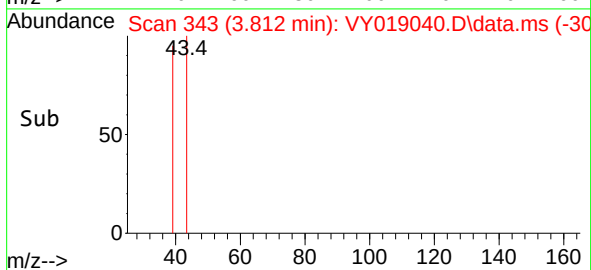
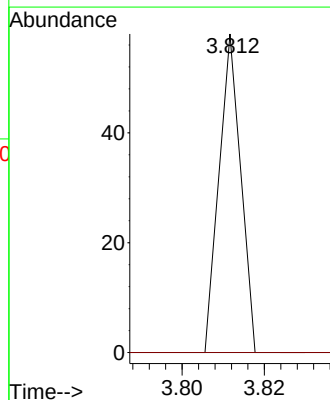
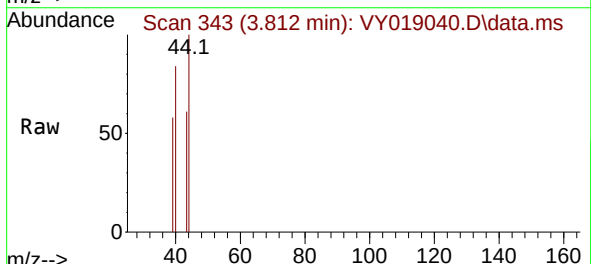
Instrument :
MSVOA_Y
ClientSampleId :
343

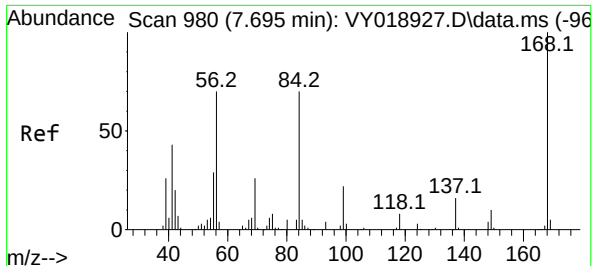
Tgt Ion:168 Resp: 41035
Ion Ratio Lower Upper
168 100
99 44.5 39.1 58.7



#16
Acetone
Concen: 12.741 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.043 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

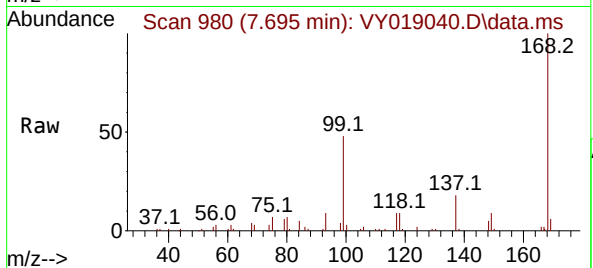
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



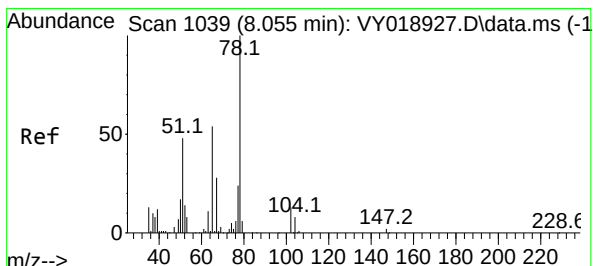
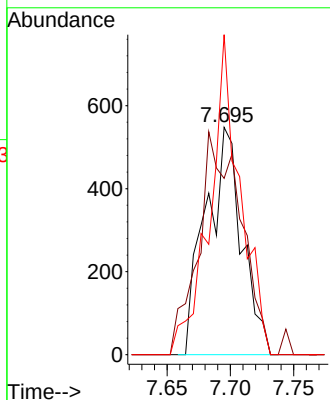
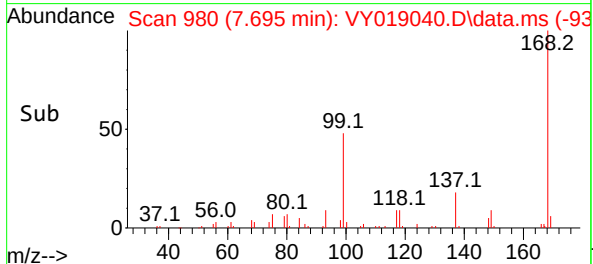


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

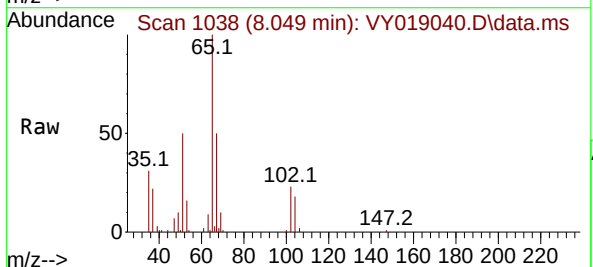
Instrument :
MSVOA_Y
ClientSampleId :
343



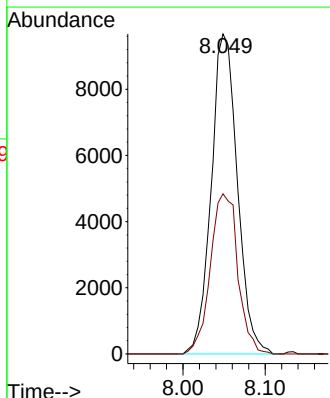
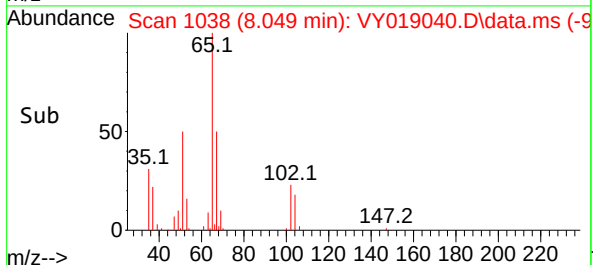
Tgt Ion: 56 Resp: 1087
Ion Ratio Lower Upper
56 100
69 77.6 28.7 43.1#
84 140.7 77.7 116.5#

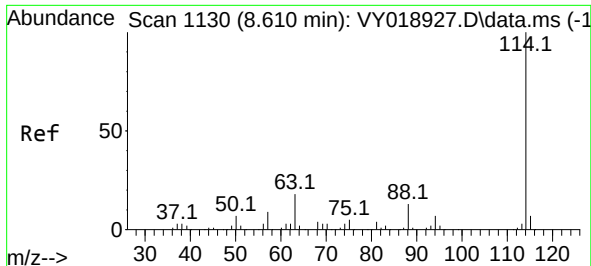


#33
1,2-Dichloroethane-d4
Concen: 59.398 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37



Tgt Ion: 65 Resp: 21400
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# 1129

Delta R.T. -0.006 min

Lab File: VY019040.D

Acq: 13 Aug 2024 19:37

Instrument :

MSVOA_Y

ClientSampleId :

343

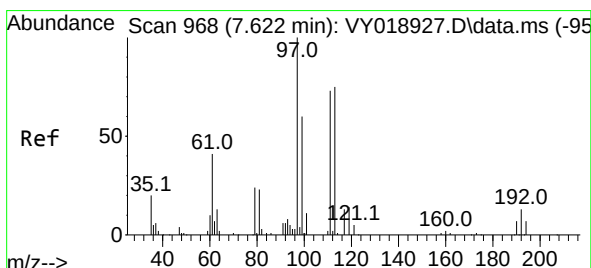
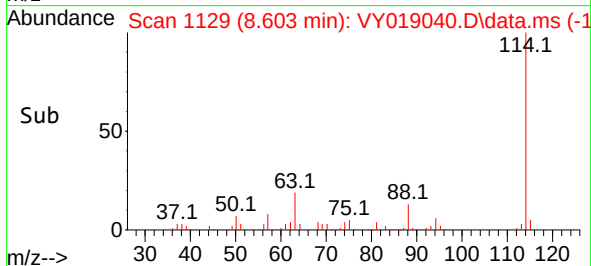
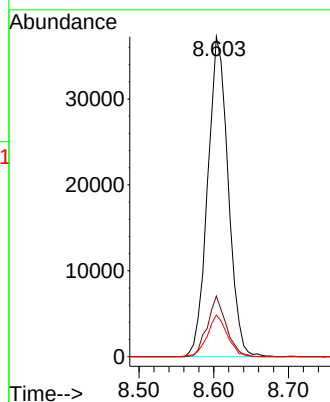
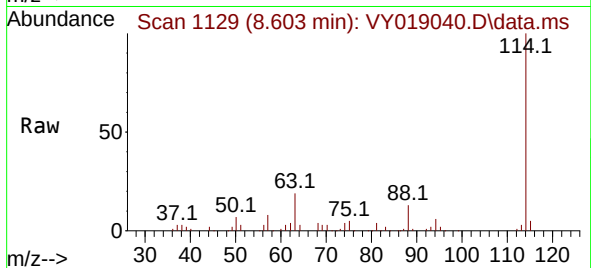
Tgt Ion:114 Resp: 70916

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 13.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.537 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY019040.D

Acq: 13 Aug 2024 19:37

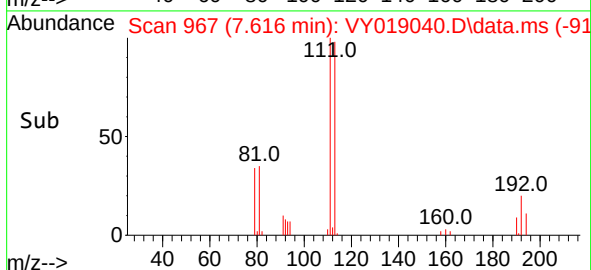
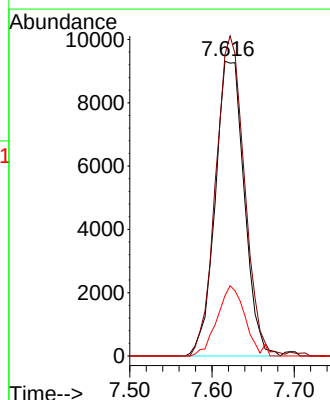
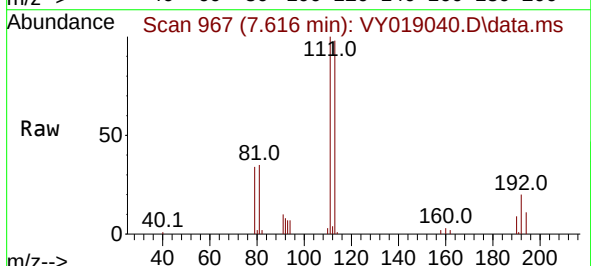
Tgt Ion:113 Resp: 22890

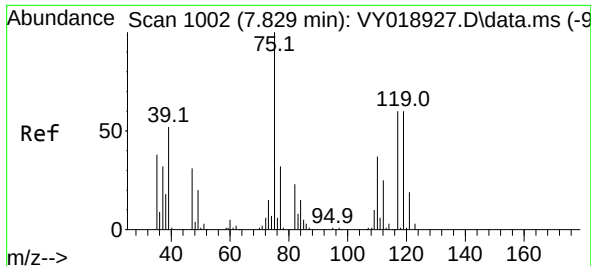
Ion Ratio Lower Upper

113 100

111 106.9 82.2 123.4

192 22.9 15.9 23.9

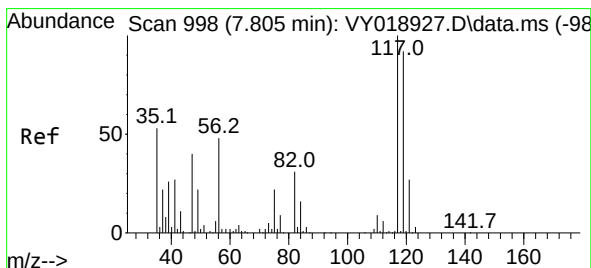
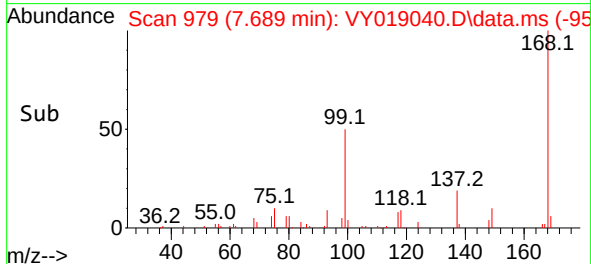
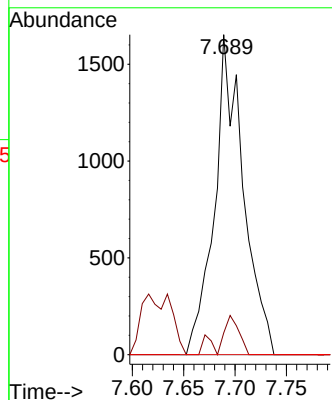
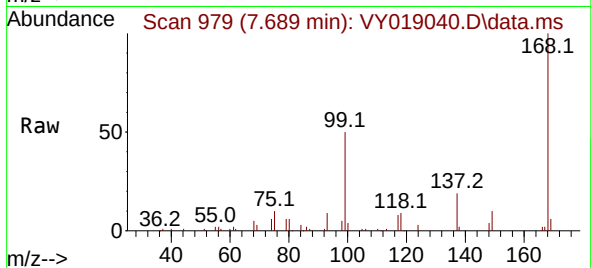




#36
1,1-Dichloropropene
Concen: 5.301 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

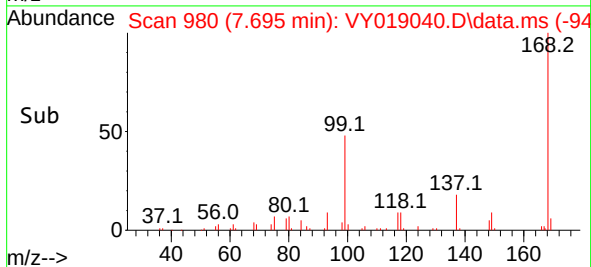
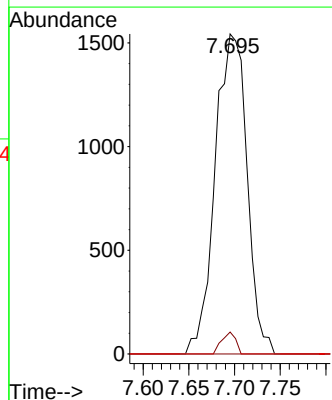
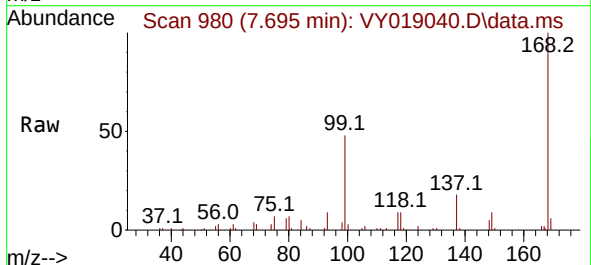
Instrument :
MSVOA_Y
ClientSampleId :
343

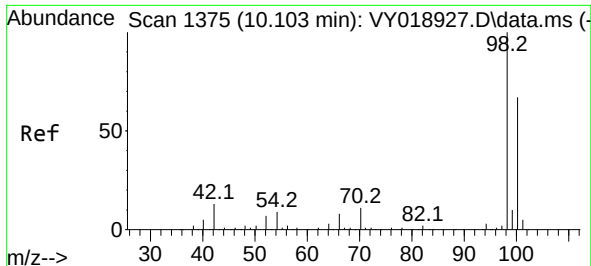
Tgt Ion: 75 Resp: 3223
Ion Ratio Lower Upper
75 100
110 6.1 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.371 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

Tgt Ion: 117 Resp: 3744
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.0 36.0#

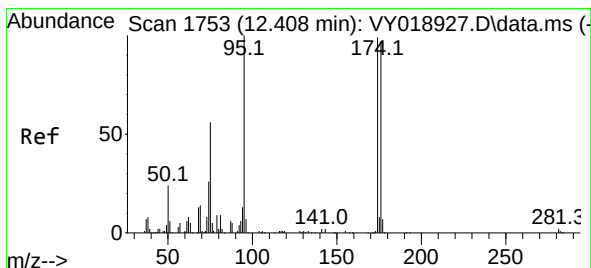
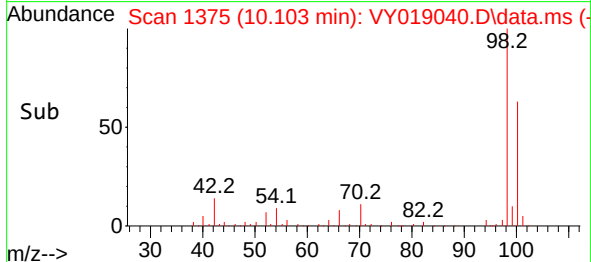
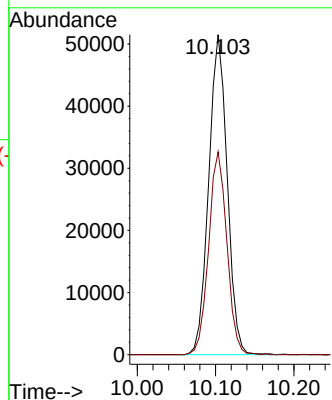
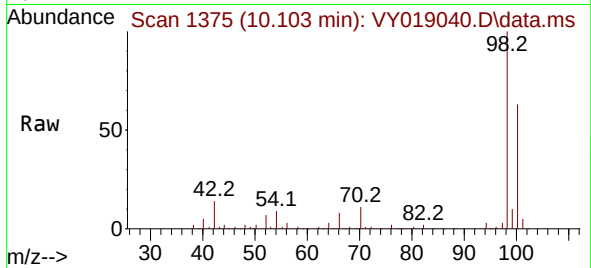




#50
Toluene-d8
Concen: 48.519 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

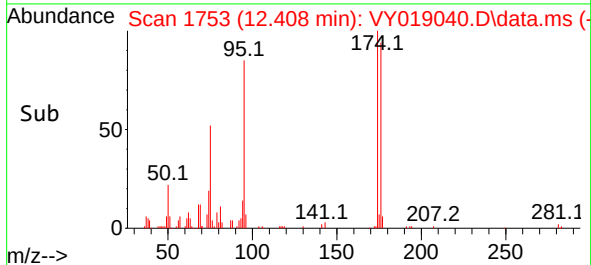
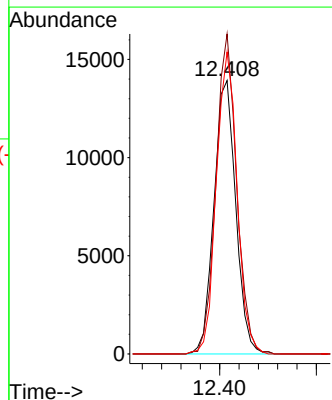
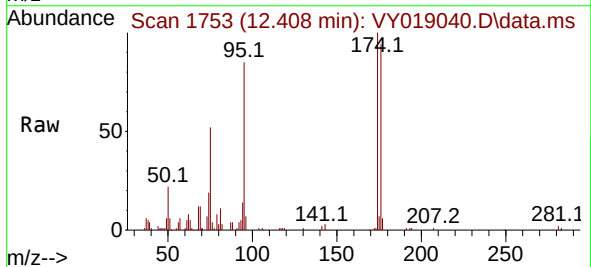
Instrument :
MSVOA_Y
ClientSampleId :
343

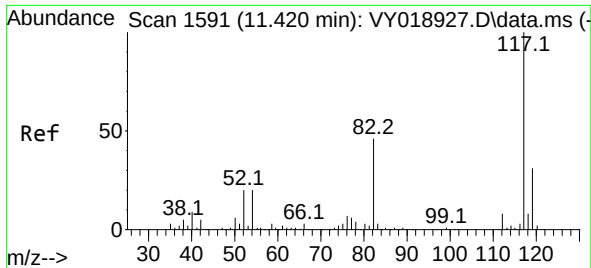
Tgt Ion: 98 Resp: 84410
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.174 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

Tgt Ion: 95 Resp: 21768
Ion Ratio Lower Upper
95 100
174 111.4 0.0 175.6
176 105.5 0.0 171.4

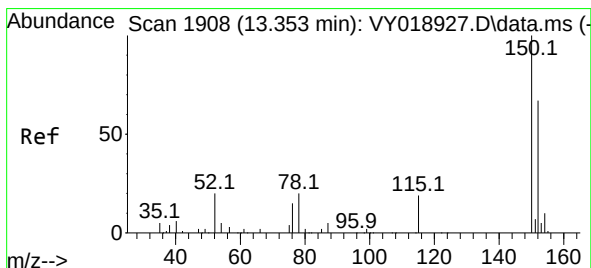
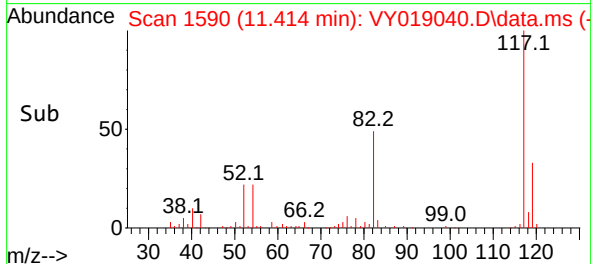
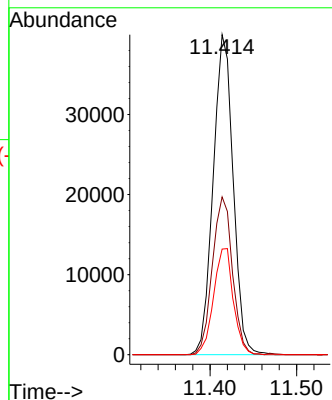
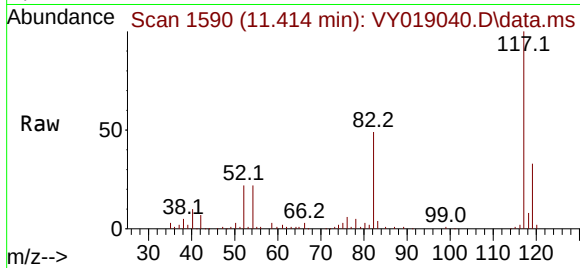




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

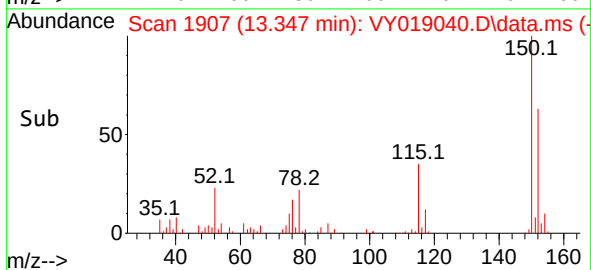
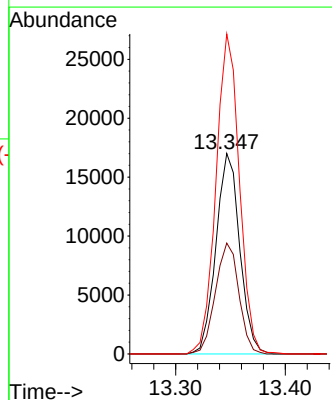
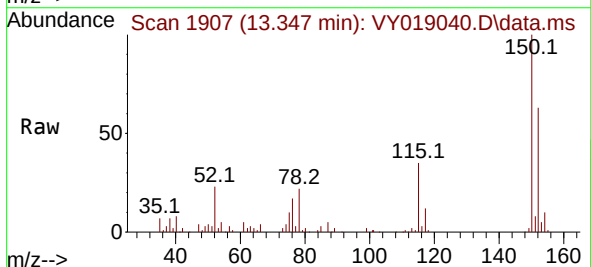
Instrument :
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ClientSampleId :
343

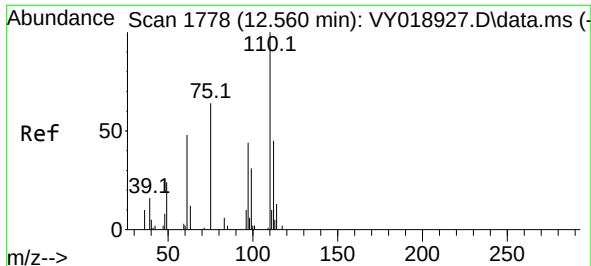
Tgt Ion:117	Resp: 64071
Ion Ratio	Lower Upper
117	100
82	49.3 42.4 63.6
119	33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

Tgt Ion:152	Resp: 25626
Ion Ratio	Lower Upper
152	100
115	54.6 28.2 84.7
150	157.1 0.0 345.6

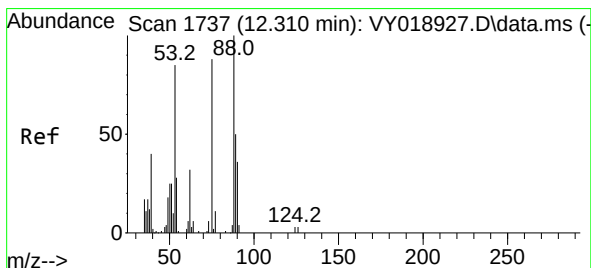
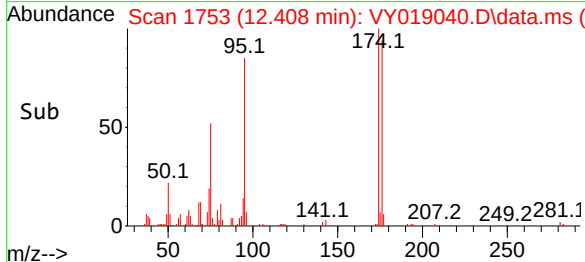
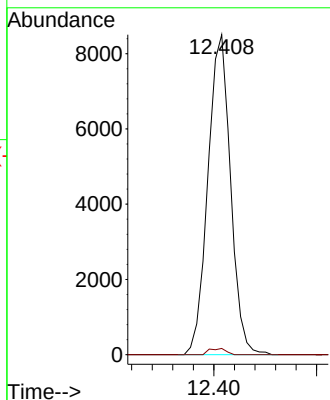
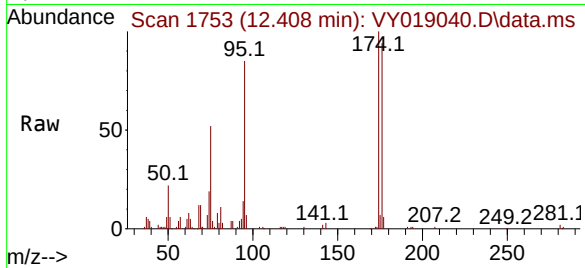




#76
1,2,3-Trichloropropane
Concen: 68.221 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

Instrument :
MSVOA_Y
ClientSampleId :
343

Tgt Ion: 75 Resp: 13024
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.575 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY019040.D
Acq: 13 Aug 2024 19:37

Tgt Ion: 75 Resp: 13024
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

