

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019031.D
 Acq On : 13 Aug 2024 15:54
 Operator : SY/MD
 Sample : P3519-15
 Misc : 8.42g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-23-080724RE

Quant Time: Aug 14 01:38:37 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	53019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	88504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	72776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	22261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	25839	55.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.020%
35) Dibromofluoromethane	7.622	113	28008	49.549	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.103	98	102175	47.059	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.120%
62) 4-Bromofluorobenzene	12.408	95	22322	34.653	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.300%

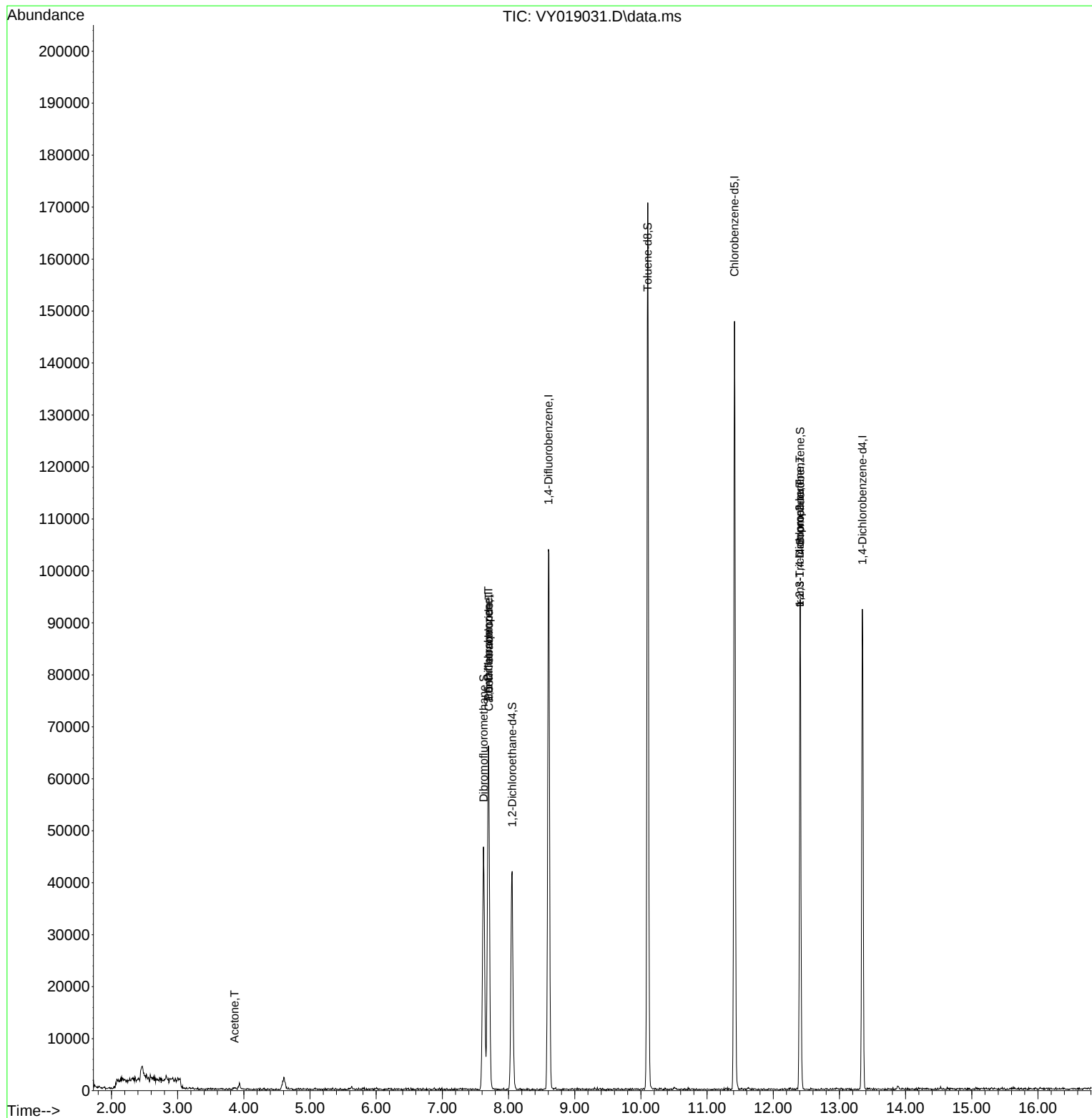
Target Compounds					Qvalue	
3) Chloromethane	2.062	50	20	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	124	Below Cal	#	88
16) Acetone	3.860	43	717	18.186	ug/l #	36
20) Methylene Chloride	4.610	84	1234	Below Cal	#	64
31) Cyclohexane	7.701	56	1332	Below Cal	#	14
36) 1,1-Dichloropropene	7.695	75	4079	5.376	ug/l #	51
38) Carbon Tetrachloride	7.701	117	4903	5.636	ug/l #	14
41) Methacrylonitrile	7.140	41	37	Below Cal	#	15
76) 1,2,3-Trichloropropane	12.401	75	13484	81.307	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	13484	167.540	ug/l #	16

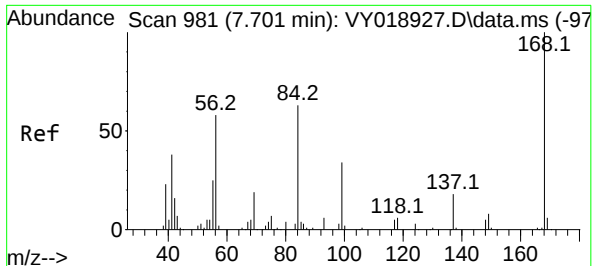
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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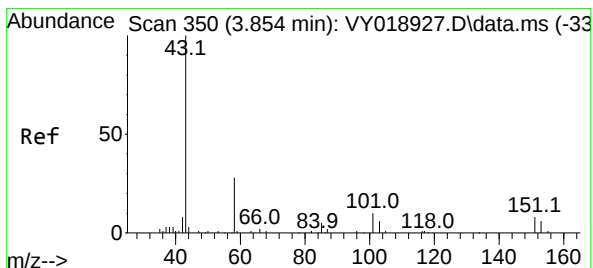
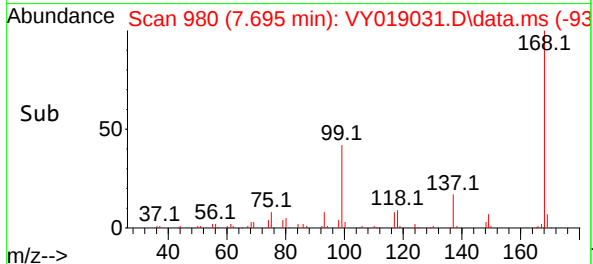
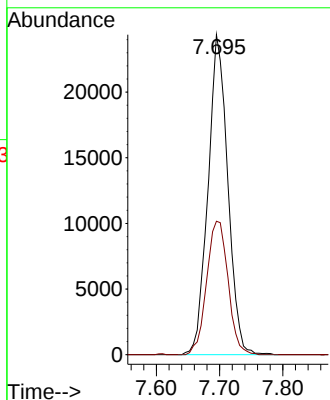
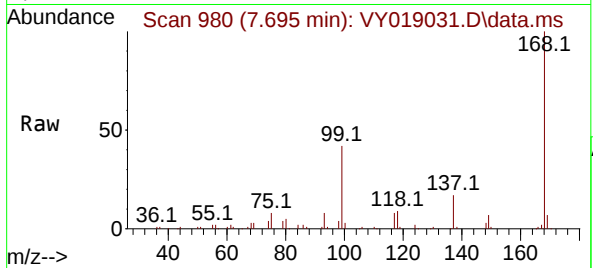




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

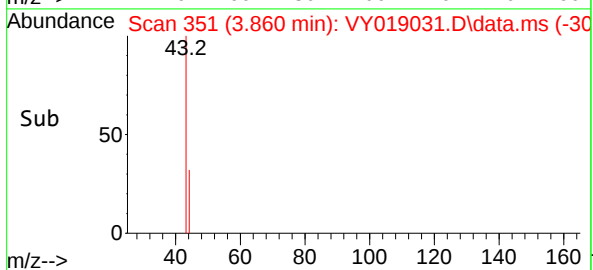
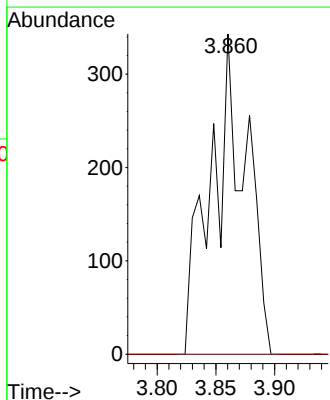
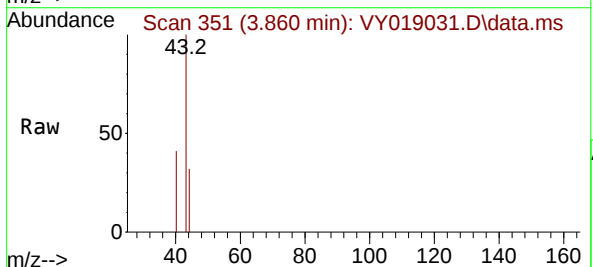
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-23-080724RE

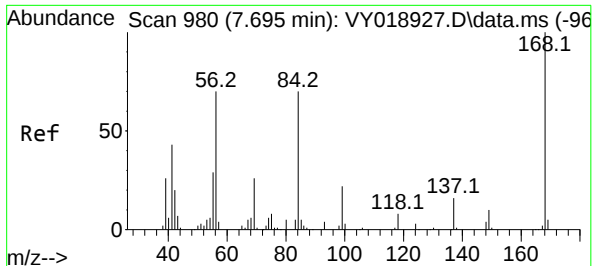
Tgt Ion:168 Resp: 53019
Ion Ratio Lower Upper
168 100
99 41.7 39.1 58.7



#16
Acetone
Concen: 18.186 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

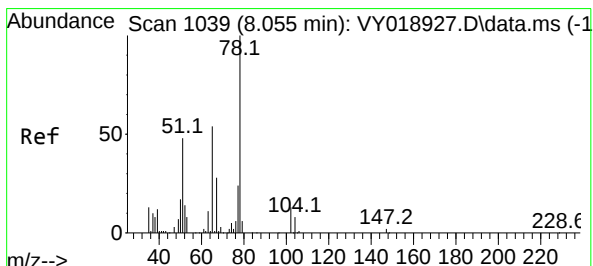
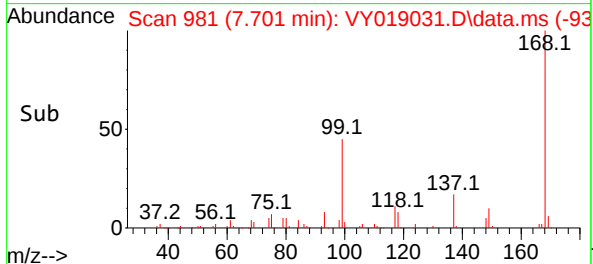
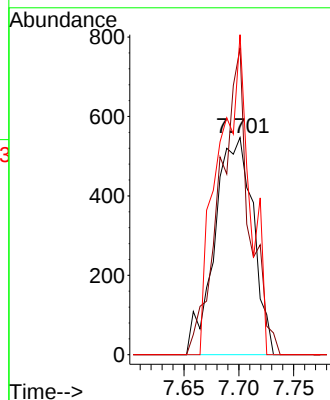
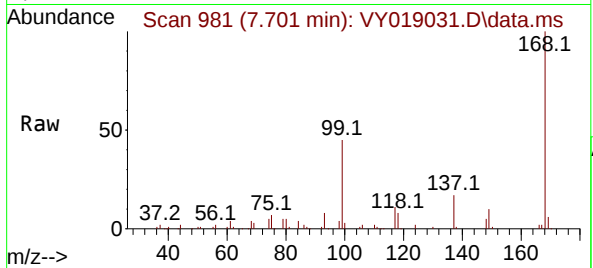




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

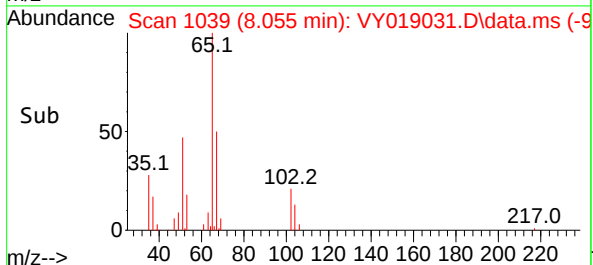
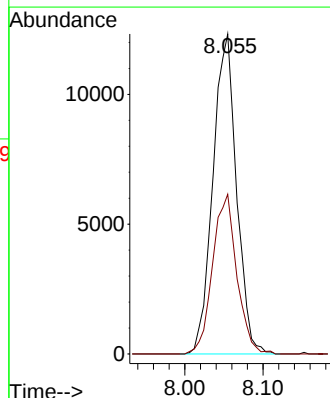
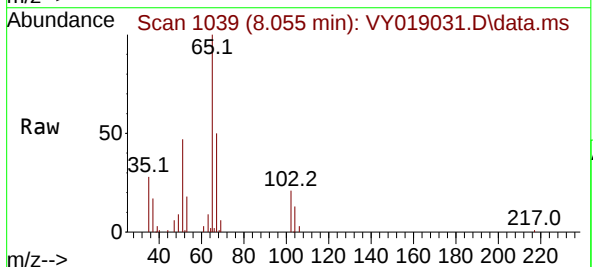
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-23-080724RE

Tgt Ion: 56 Resp: 1332
Ion Ratio Lower Upper
56 100
69 141.1 28.7 43.1#
84 147.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.508 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

Tgt Ion: 65 Resp: 25839
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6

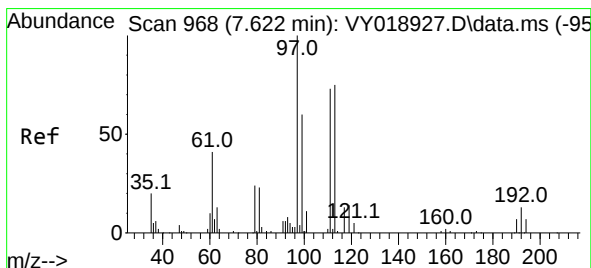
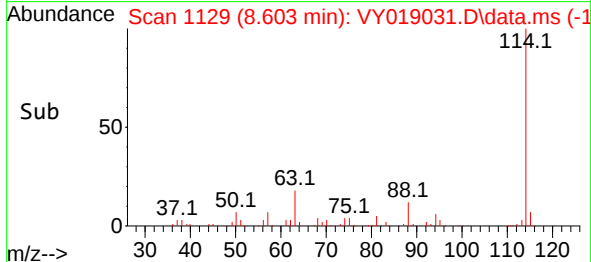
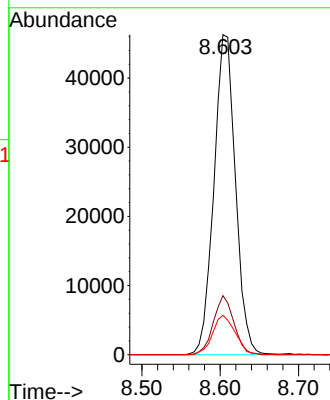
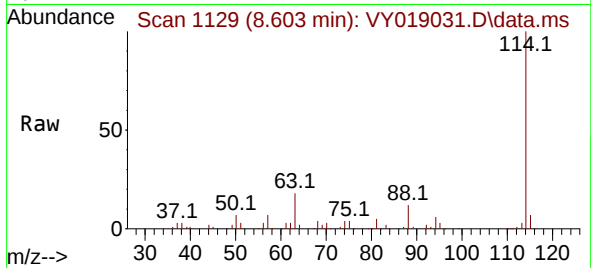




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

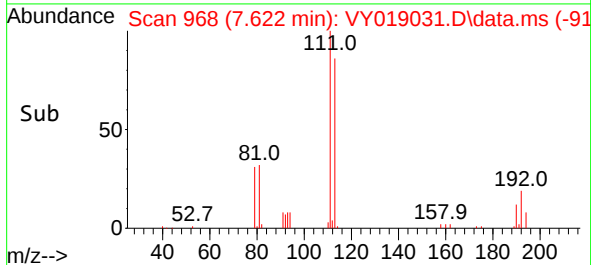
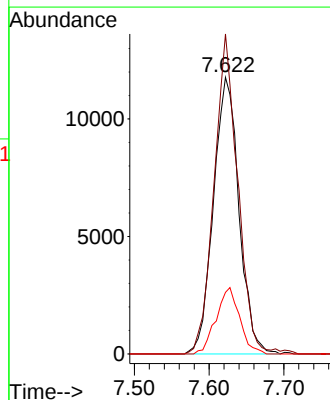
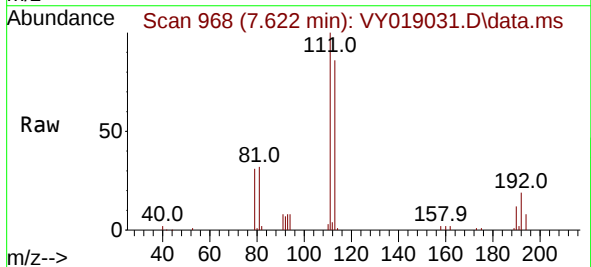
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-23-080724RE

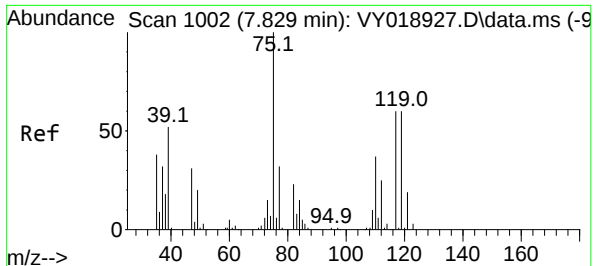
Tgt Ion:114 Resp: 88504
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.0
88 12.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.549 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

Tgt Ion:113 Resp: 28008
Ion Ratio Lower Upper
113 100
111 107.3 82.2 123.4
192 22.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.376 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY019031.D

Acq: 13 Aug 2024 15:54

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-23-080724RE

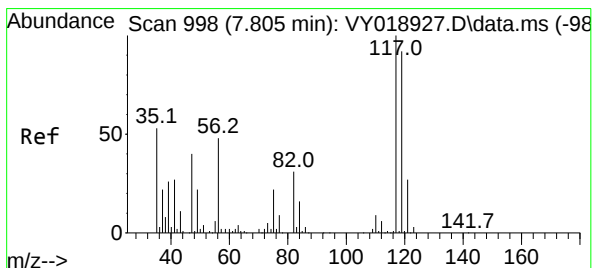
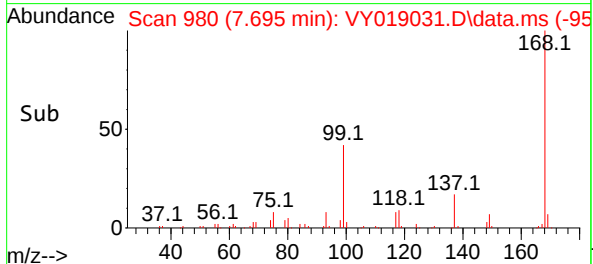
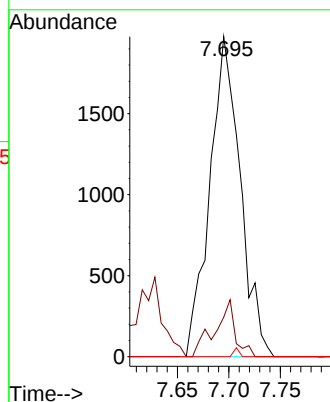
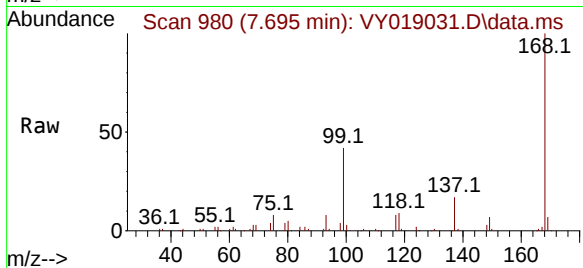
Tgt Ion: 75 Resp: 4079

Ion Ratio Lower Upper

75 100

110 11.9 19.0 57.0#

77 0.5 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.636 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY019031.D

Acq: 13 Aug 2024 15:54

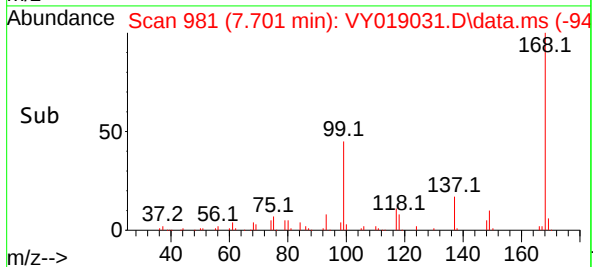
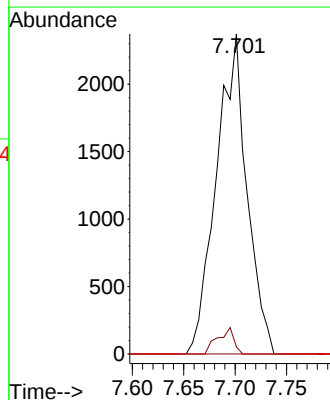
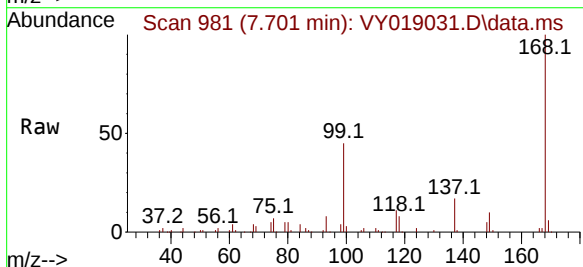
Tgt Ion: 117 Resp: 4903

Ion Ratio Lower Upper

117 100

119 2.2 75.8 113.6#

121 0.0 24.0 36.0#

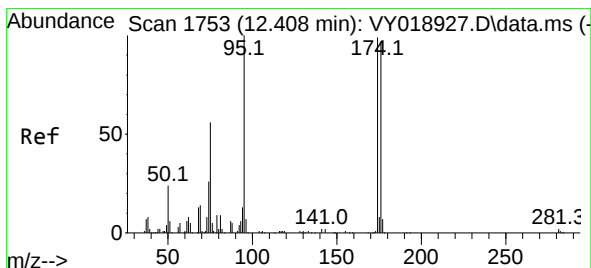
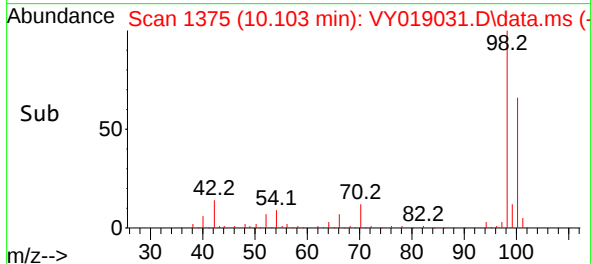
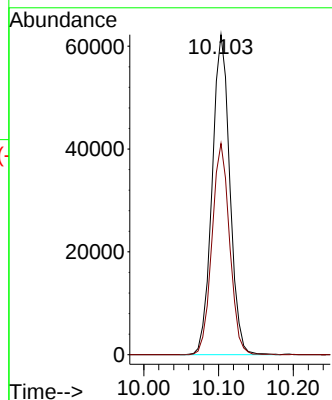
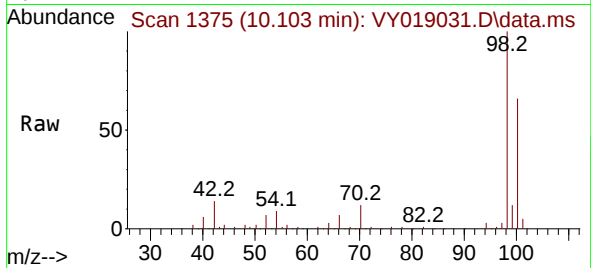




#50
Toluene-d8
Concen: 47.059 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

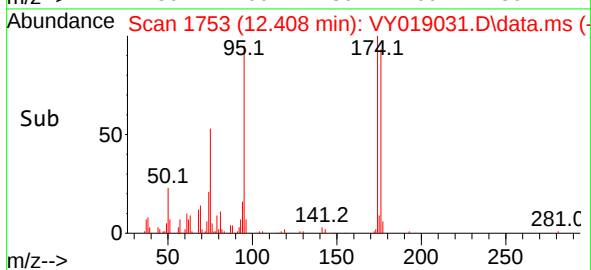
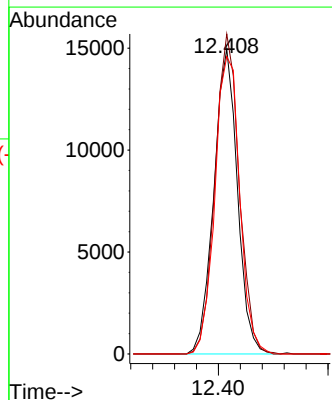
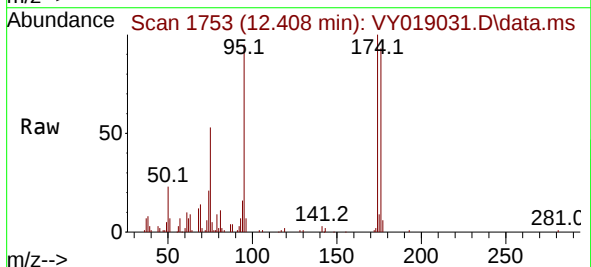
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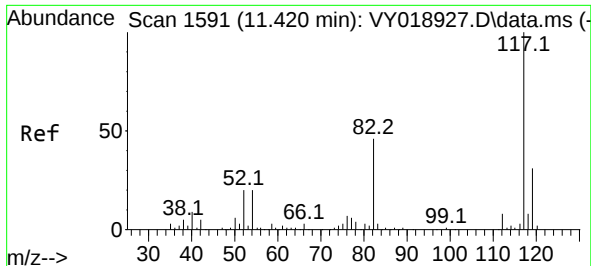
Tgt Ion: 98 Resp: 102175
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.653 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

Tgt Ion: 95 Resp: 22322
Ion Ratio Lower Upper
95 100
174 107.7 0.0 175.6
176 103.1 0.0 171.4

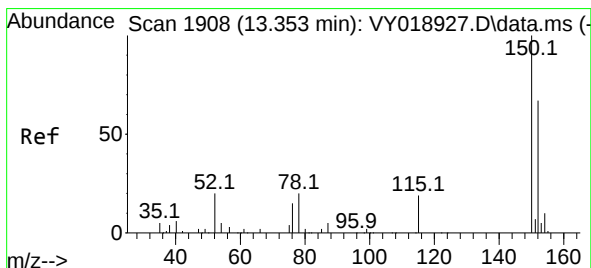
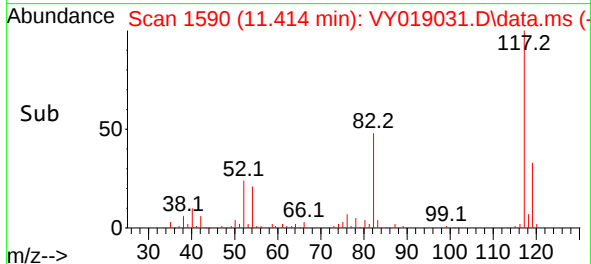
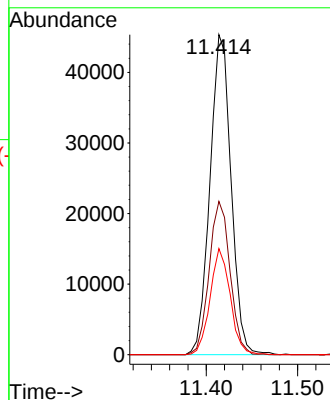
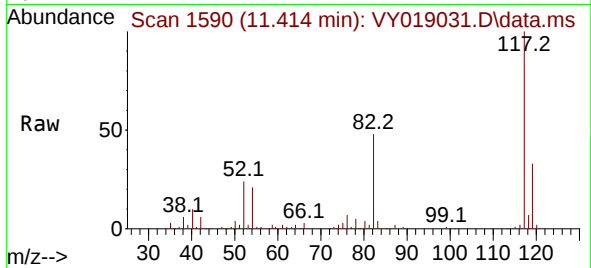




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

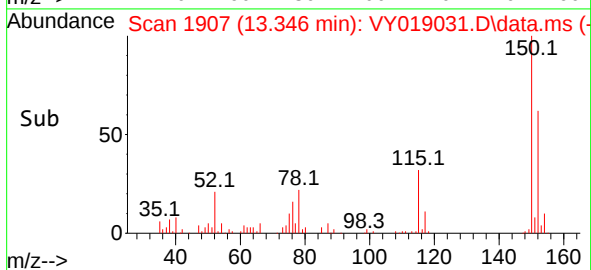
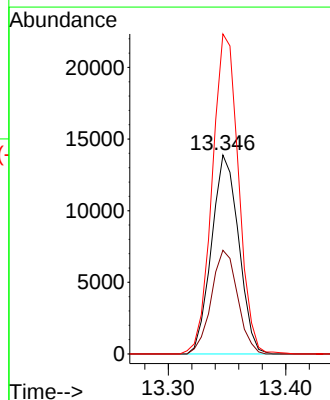
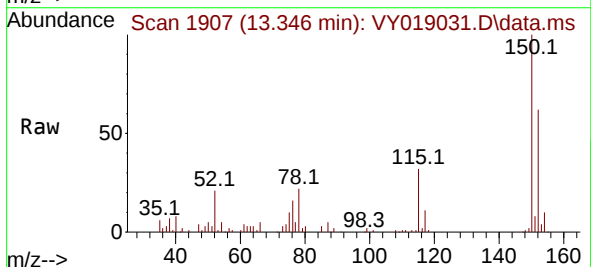
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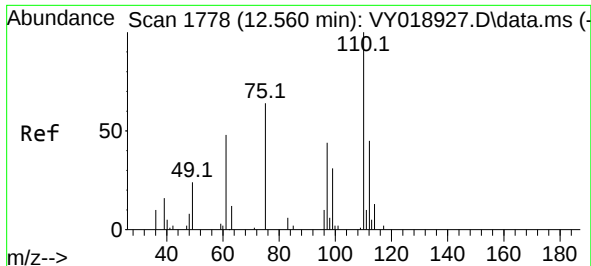
Tgt Ion:117 Resp: 72776
Ion Ratio Lower Upper
117 100
82 47.9 42.4 63.6
119 33.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

Tgt Ion:152 Resp: 22261
Ion Ratio Lower Upper
152 100
115 50.6 28.2 84.7
150 156.0 0.0 345.6

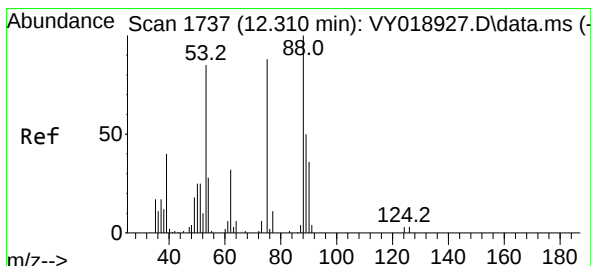
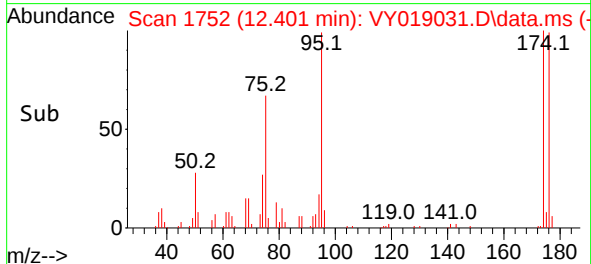
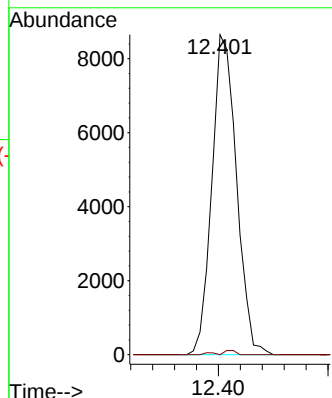
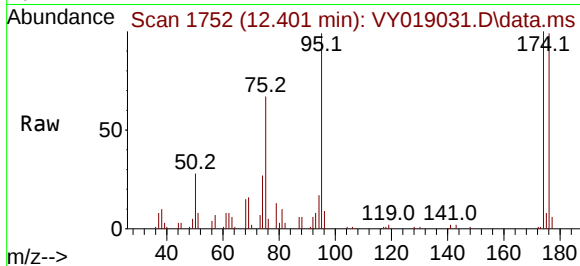




#76
1,2,3-Trichloropropane
Concen: 81.307 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.159 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-23-080724RE

Tgt Ion: 75 Resp: 13484
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 167.540 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.091 min
Lab File: VY019031.D
Acq: 13 Aug 2024 15:54

Tgt Ion: 75 Resp: 13484
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

