

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019066.D
 Acq On : 14 Aug 2024 18:19
 Operator : SY/MD
 Sample : P3600-01
 Misc : 5.88g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 14 21:49:39 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)

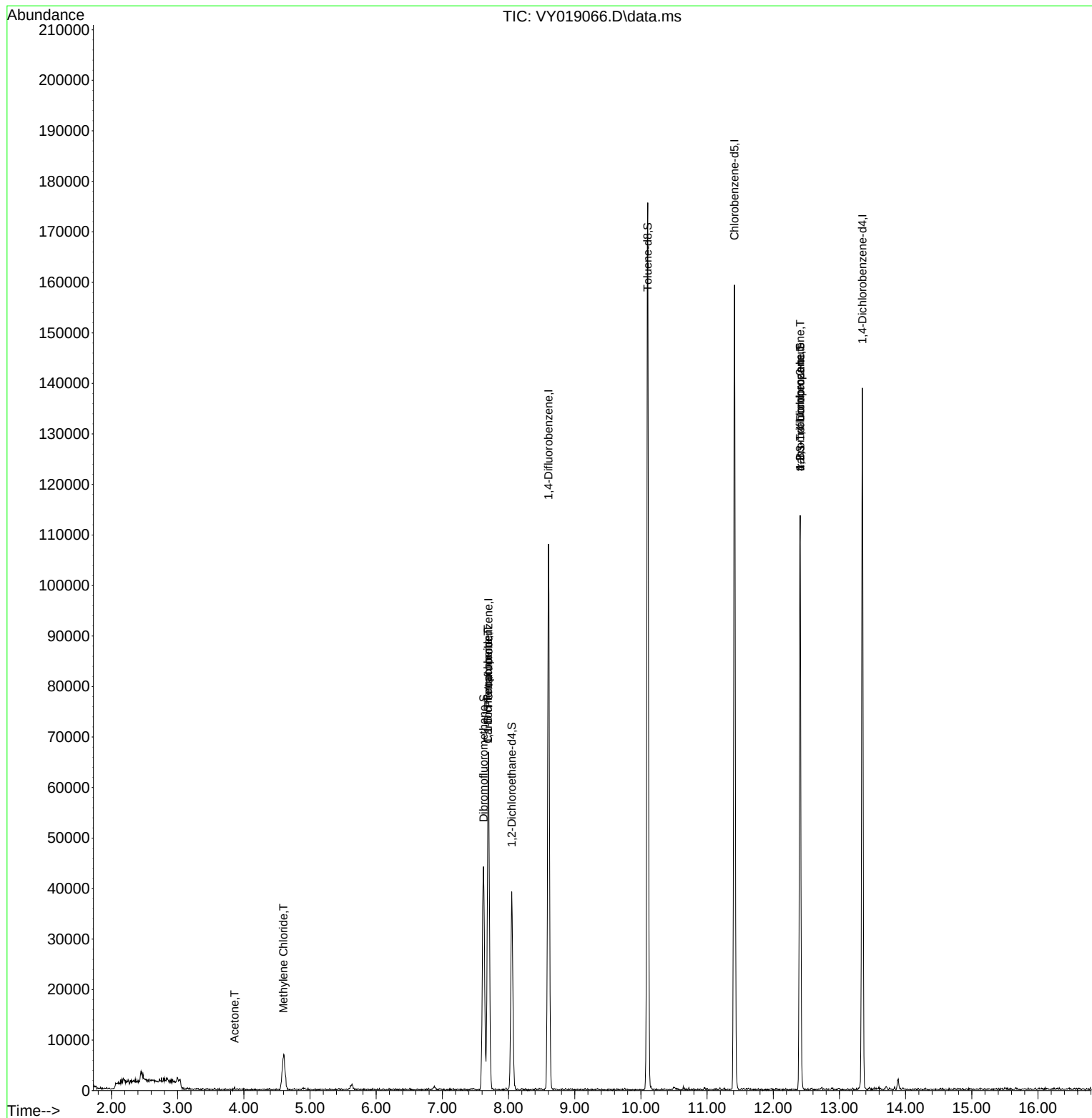
Internal Standards						
1) Pentafluorobenzene	7.695	168	51829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	89833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	80325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	30785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	23325	51.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.520%
35) Dibromofluoromethane	7.622	113	28377	49.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.920%
50) Toluene-d8	10.103	98	106812	48.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.408	95	27016	41.320	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	82.640%
Target Compounds						
3) Chloromethane	2.062	50	55	Below Cal	#	43
16) Acetone	3.860	43	161	13.826	ug/l #	36
20) Methylene Chloride	4.598	84	4628	3.550	ug/l	93
31) Cyclohexane	7.695	56	1238	Below Cal	#	45
36) 1,1-Dichloropropene	7.689	75	3647	4.735	ug/l #	49
38) Carbon Tetrachloride	7.689	117	4710	5.334	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	15754	68.692	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	15754	141.546	ug/l #	16

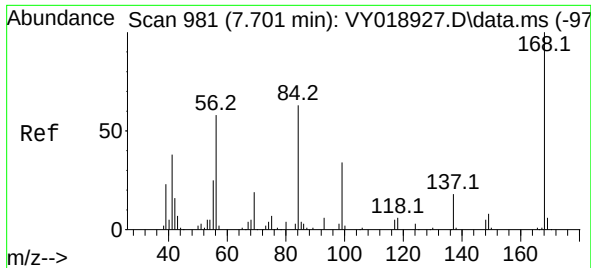
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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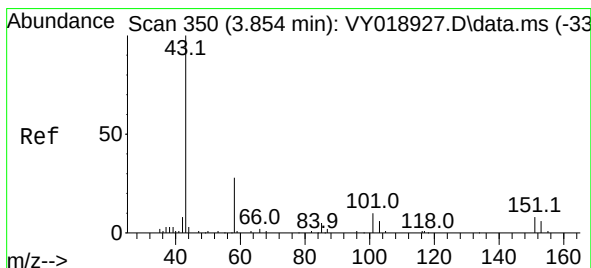
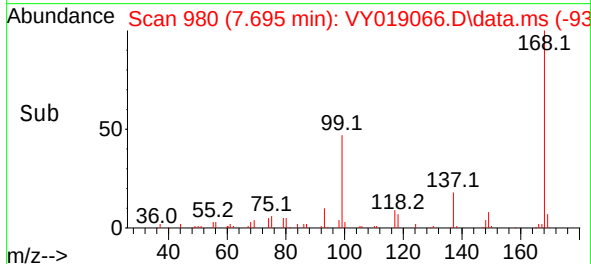
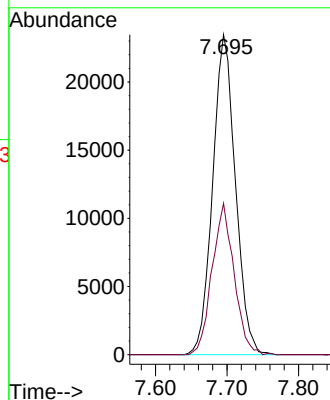
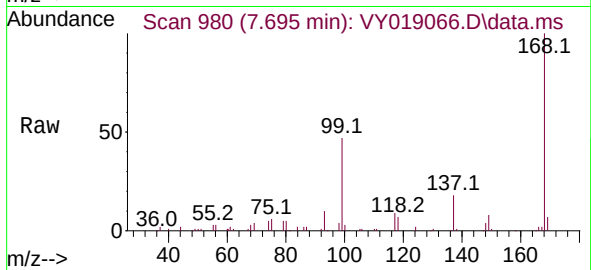




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019066.D
Acq: 14 Aug 2024 18:19

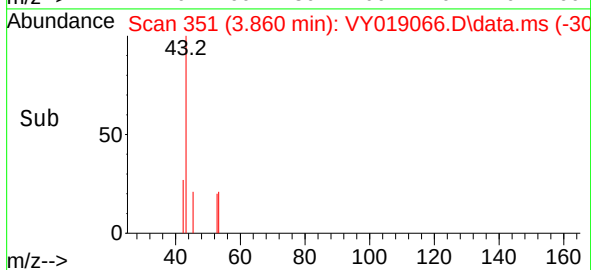
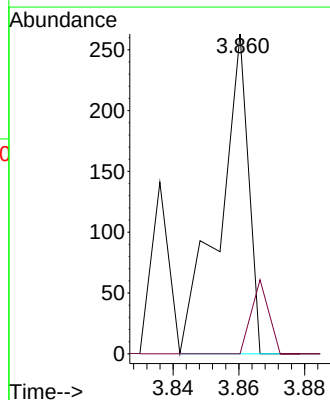
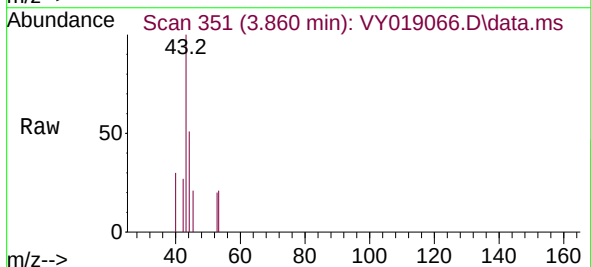
Instrument :
MSVOA_Y
ClientSampleId :

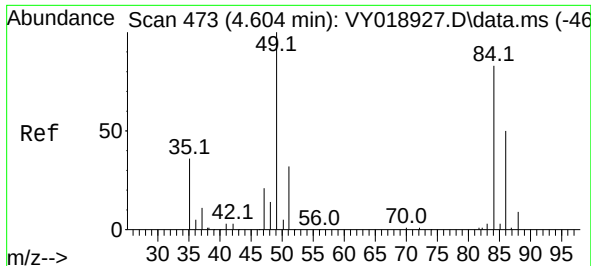
Tgt Ion:168 Resp: 51829
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#16
Acetone
Concen: 13.826 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019066.D
Acq: 14 Aug 2024 18:19

Tgt Ion: 43 Resp: 161
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: 3.550 ug/l

RT: 4.598 min Scan# 41

Delta R.T. -0.006 min

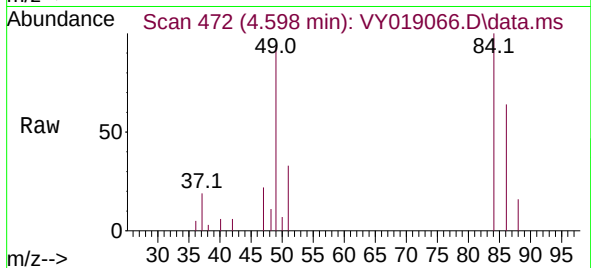
Lab File: VY019066.D

Acq: 14 Aug 2024 18:19

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 4628

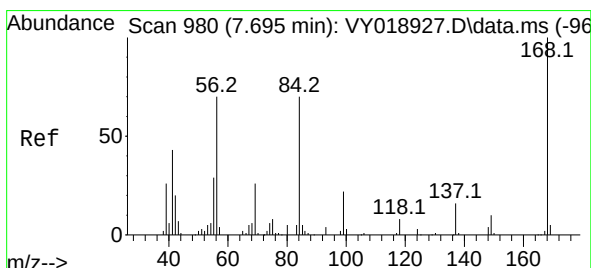
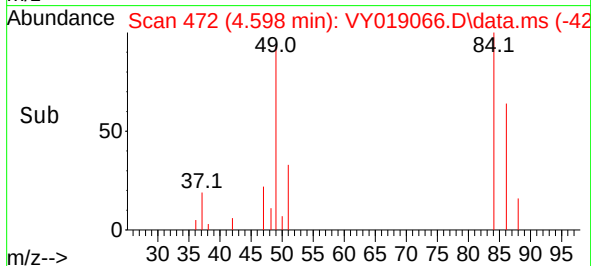
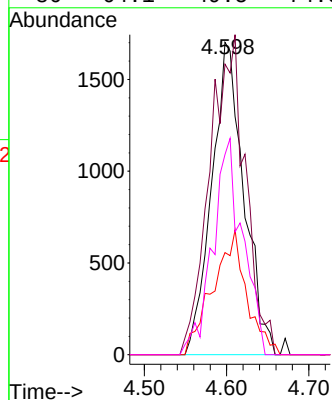
Ion Ratio Lower Upper

84 100

49 93.1 84.4 126.6

51 32.7 26.0 39.0

86 64.1 49.5 74.3



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY019066.D

Acq: 14 Aug 2024 18:19

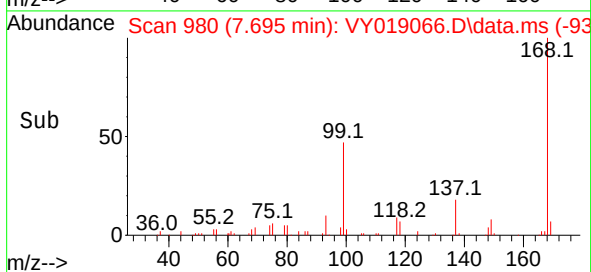
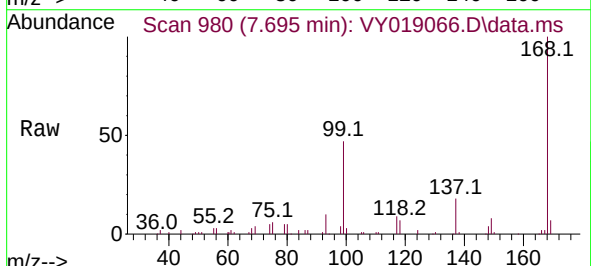
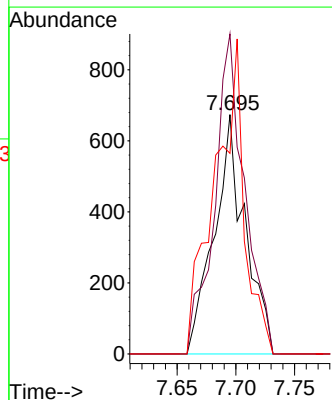
Tgt Ion: 56 Resp: 1238

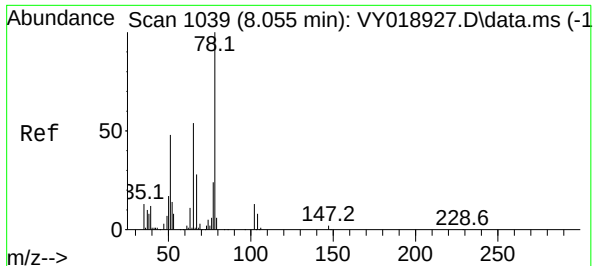
Ion Ratio Lower Upper

56 100

69 133.7 28.7 43.1#

84 83.8 77.7 116.5

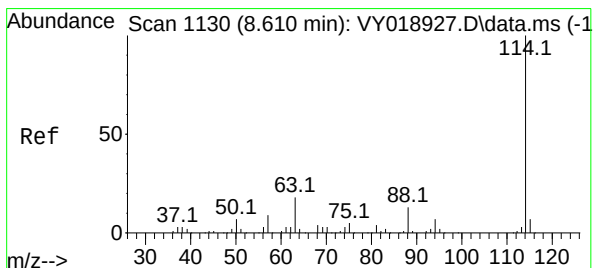
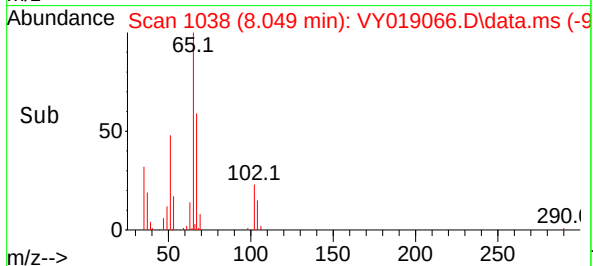
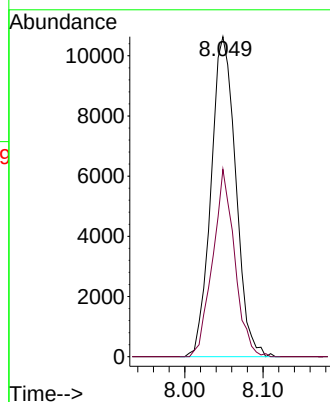
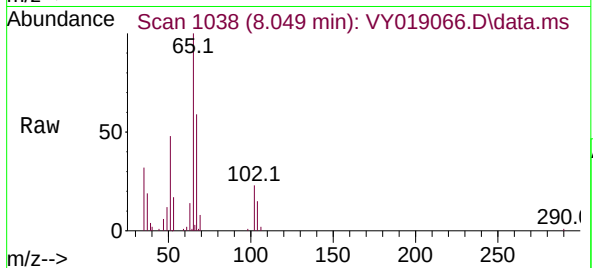




#33
1,2-Dichloroethane-d4
Concen: 51.258 ug/l
RT: 8.049 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VY019066.D
Acq: 14 Aug 2024 18:19

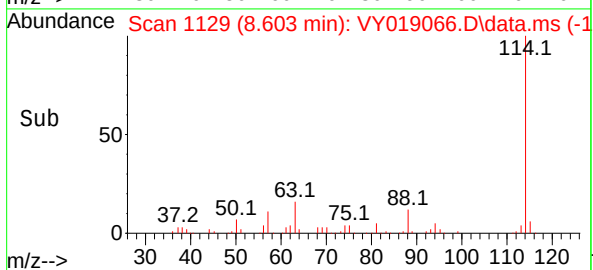
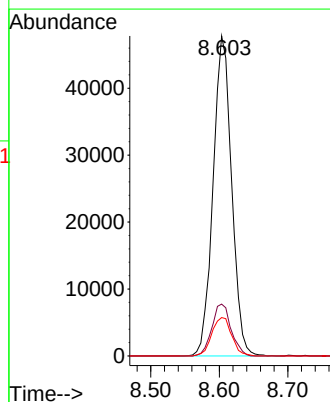
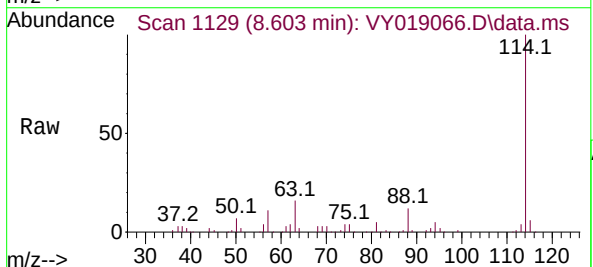
Instrument :
MSVOA_Y
ClientSampleId :

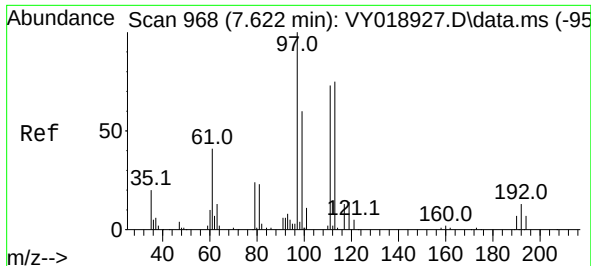
Tgt Ion: 65 Resp: 23325
Ion Ratio Lower Upper
65 100
67 52.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VY019066.D
Acq: 14 Aug 2024 18:19

Tgt Ion: 114 Resp: 89833
Ion Ratio Lower Upper
114 100
63 16.2 0.0 35.0
88 12.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.459 ug/l

RT: 7.622 min Scan# 90

Delta R.T. -0.000 min

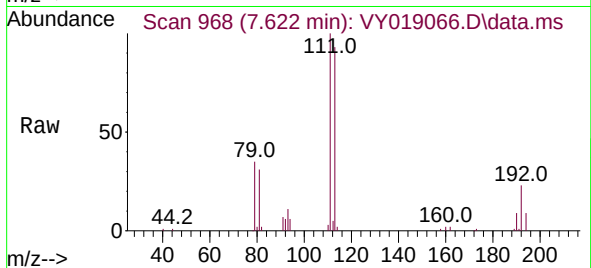
Lab File: VY019066.D

Acq: 14 Aug 2024 18:19

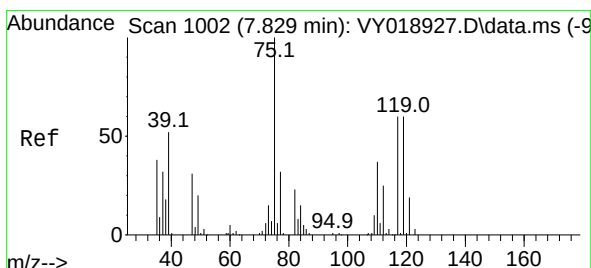
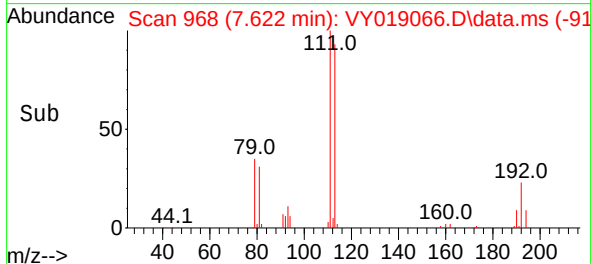
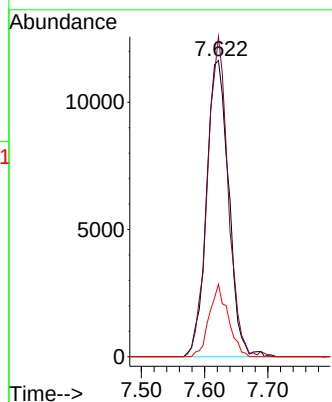
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	28377
Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.2	123.4
192	20.8	15.9	23.9



#36

1,1-Dichloropropene

Concen: 4.735 ug/l

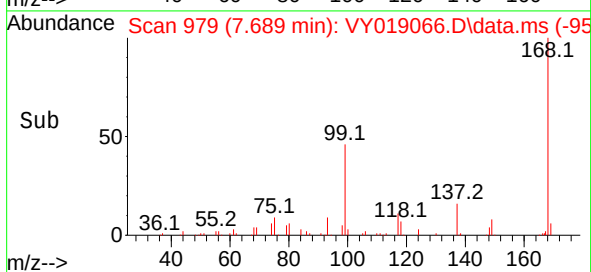
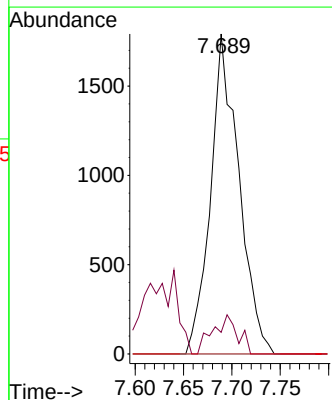
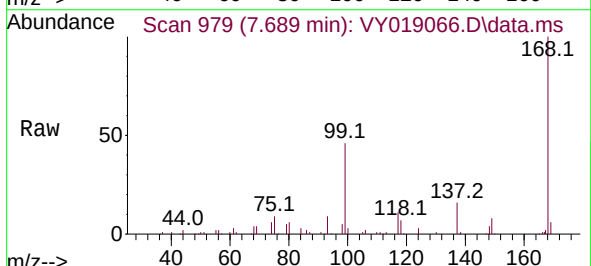
RT: 7.689 min Scan# 979

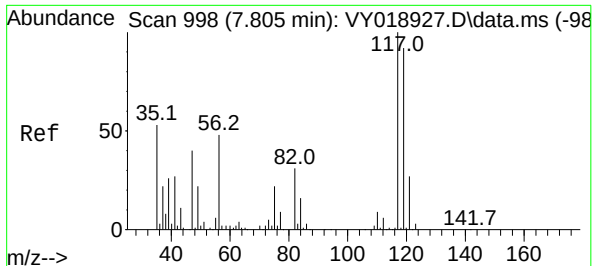
Delta R.T. -0.140 min

Lab File: VY019066.D

Acq: 14 Aug 2024 18:19

Tgt Ion:	75	Resp:	3647
Ion	Ratio	Lower	Upper
75	100		
110	10.7	19.0	57.0#
77	0.0	25.3	37.9#





#38

Carbon Tetrachloride

Concen: 5.334 ug/l

RT: 7.689 min Scan# 91

Delta R.T. -0.116 min

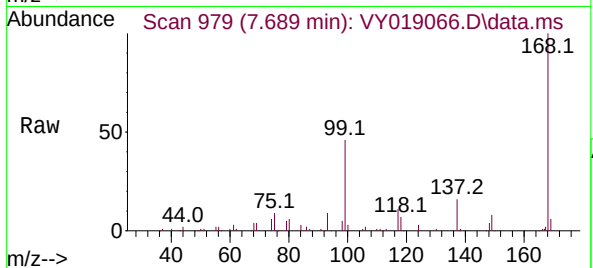
Lab File: VY019066.D

Acq: 14 Aug 2024 18:19

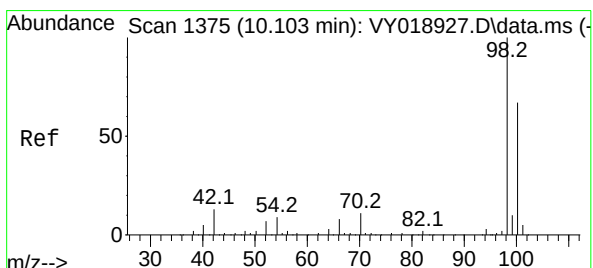
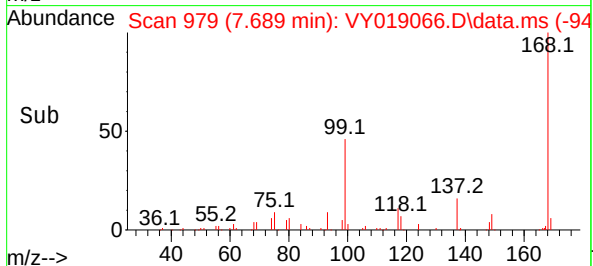
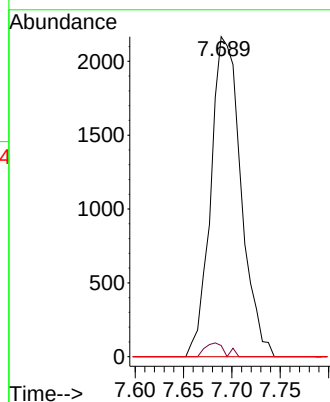
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:117	Resp:	4710
Ion	Ratio	Lower Upper
117	100	
119	3.5	75.8 113.6#
121	0.0	24.0 36.0#



#50

Toluene-d8

Concen: 48.467 ug/l

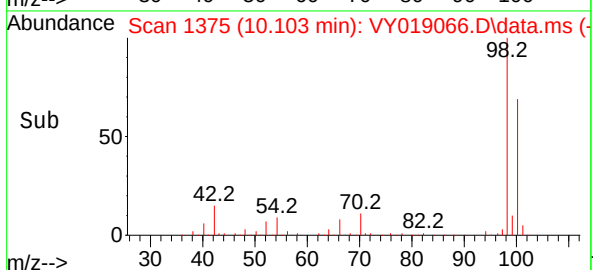
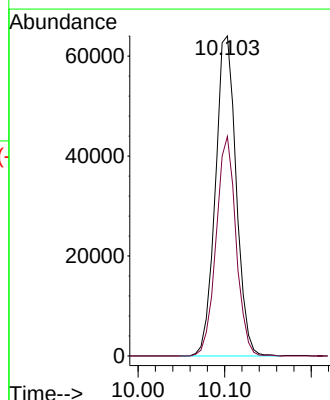
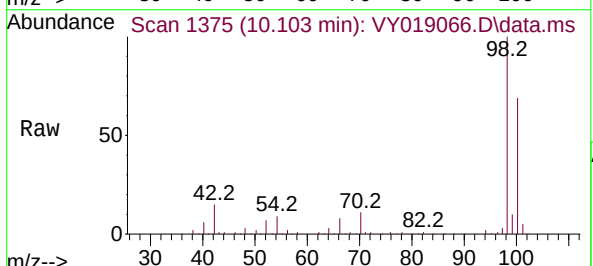
RT: 10.103 min Scan# 1375

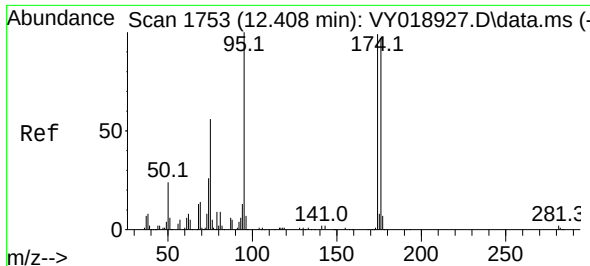
Delta R.T. 0.000 min

Lab File: VY019066.D

Acq: 14 Aug 2024 18:19

Tgt Ion: 98	Resp:	106812
Ion	Ratio	Lower Upper
98	100	
100	65.5	52.0 78.0





#62

4-Bromofluorobenzene

Concen: 41.320 ug/l

RT: 12.408 min Scan# 1

Delta R.T. -0.000 min

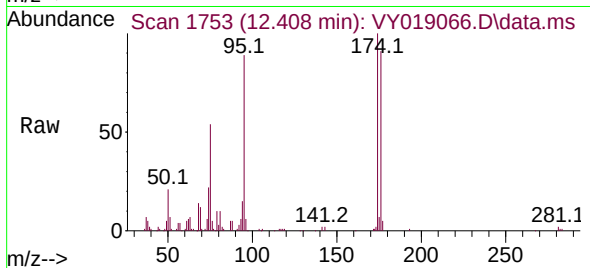
Lab File: VY019066.D

Acq: 14 Aug 2024 18:19

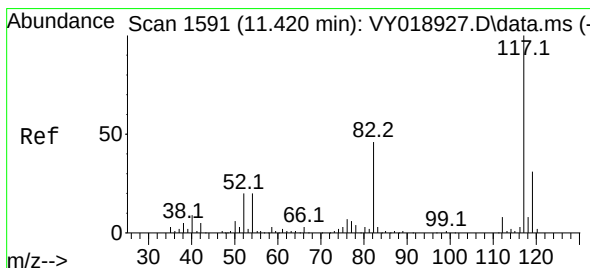
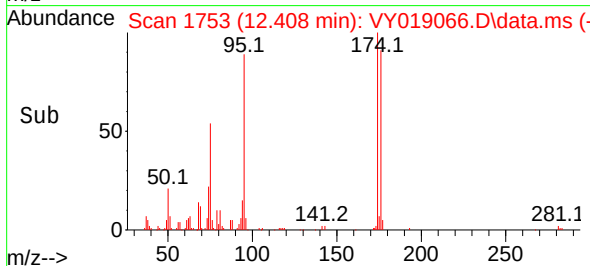
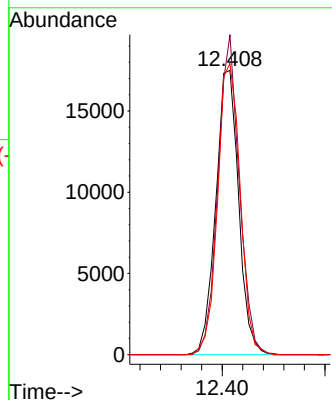
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	95	Resp:	27016
Ion	Ratio	Lower	Upper
95	100		
174	104.9	0.0	175.6
176	101.2	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

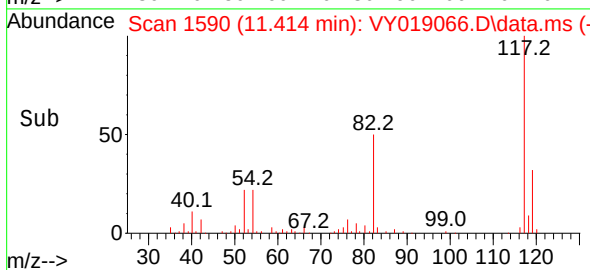
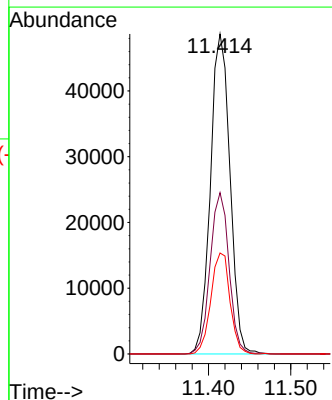
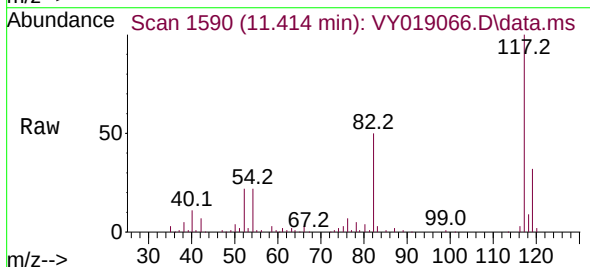
RT: 11.414 min Scan# 1590

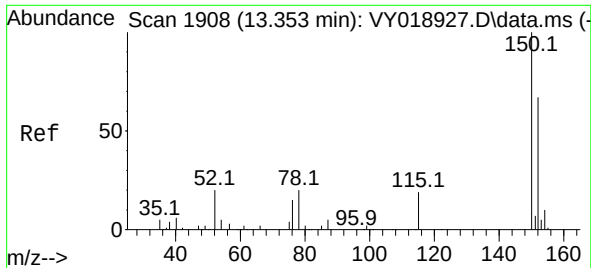
Delta R.T. -0.006 min

Lab File: VY019066.D

Acq: 14 Aug 2024 18:19

Tgt Ion:	117	Resp:	80325
Ion	Ratio	Lower	Upper
117	100		
82	50.4	42.4	63.6
119	31.6	25.9	38.9

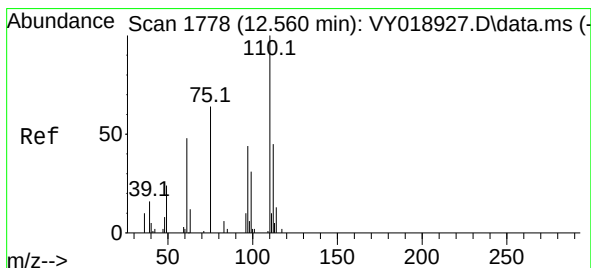
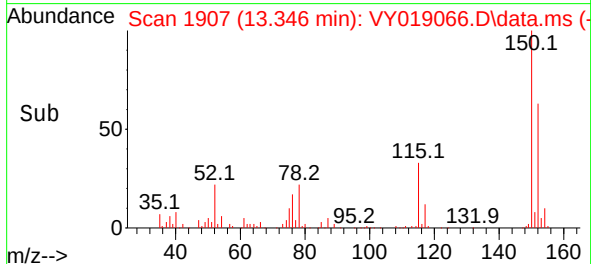
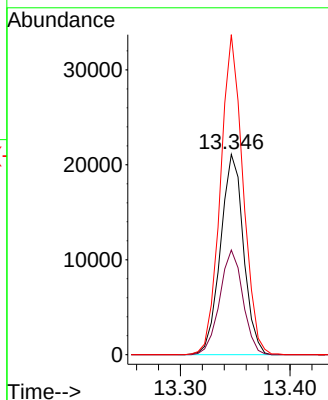
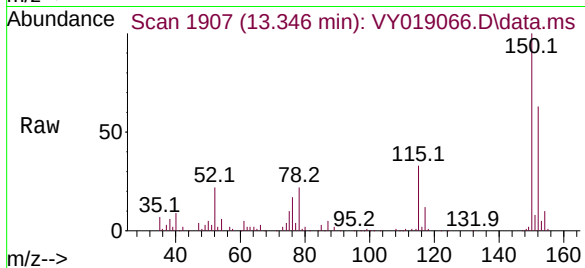




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VY019066.D
 Acq: 14 Aug 2024 18:19

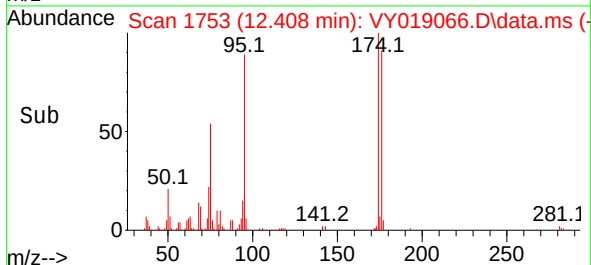
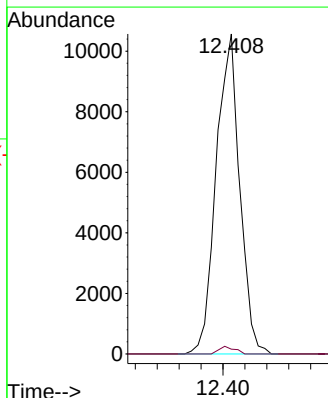
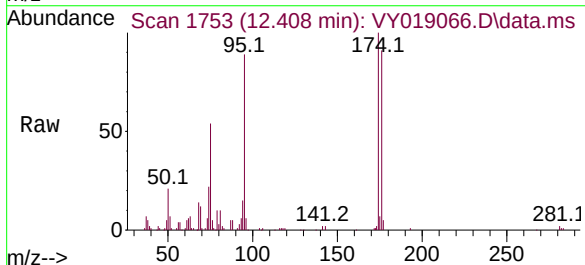
Instrument :
 MSVOA_Y
 ClientSampleId :

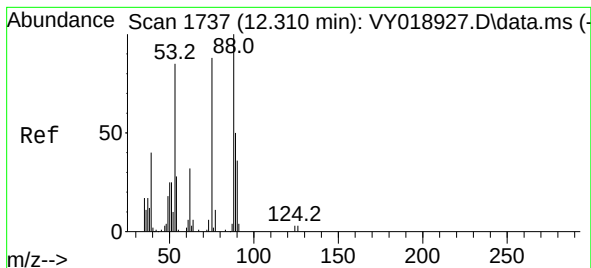
Tgt Ion:152 Resp: 30785
 Ion Ratio Lower Upper
 152 100
 115 52.5 28.2 84.7
 150 156.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 68.692 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY019066.D
 Acq: 14 Aug 2024 18:19

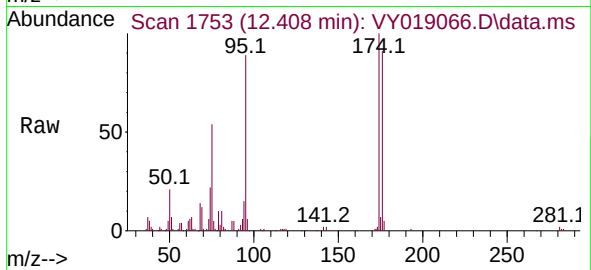
Tgt Ion: 75 Resp: 15754
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.546 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019066.D
 Acq: 14 Aug 2024 18:19

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.0	35.8	53.6#

