

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017305.D
 Acq On : 08 Feb 2024 12:08
 Operator : SY/MD
 Sample : VY0208SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:11:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

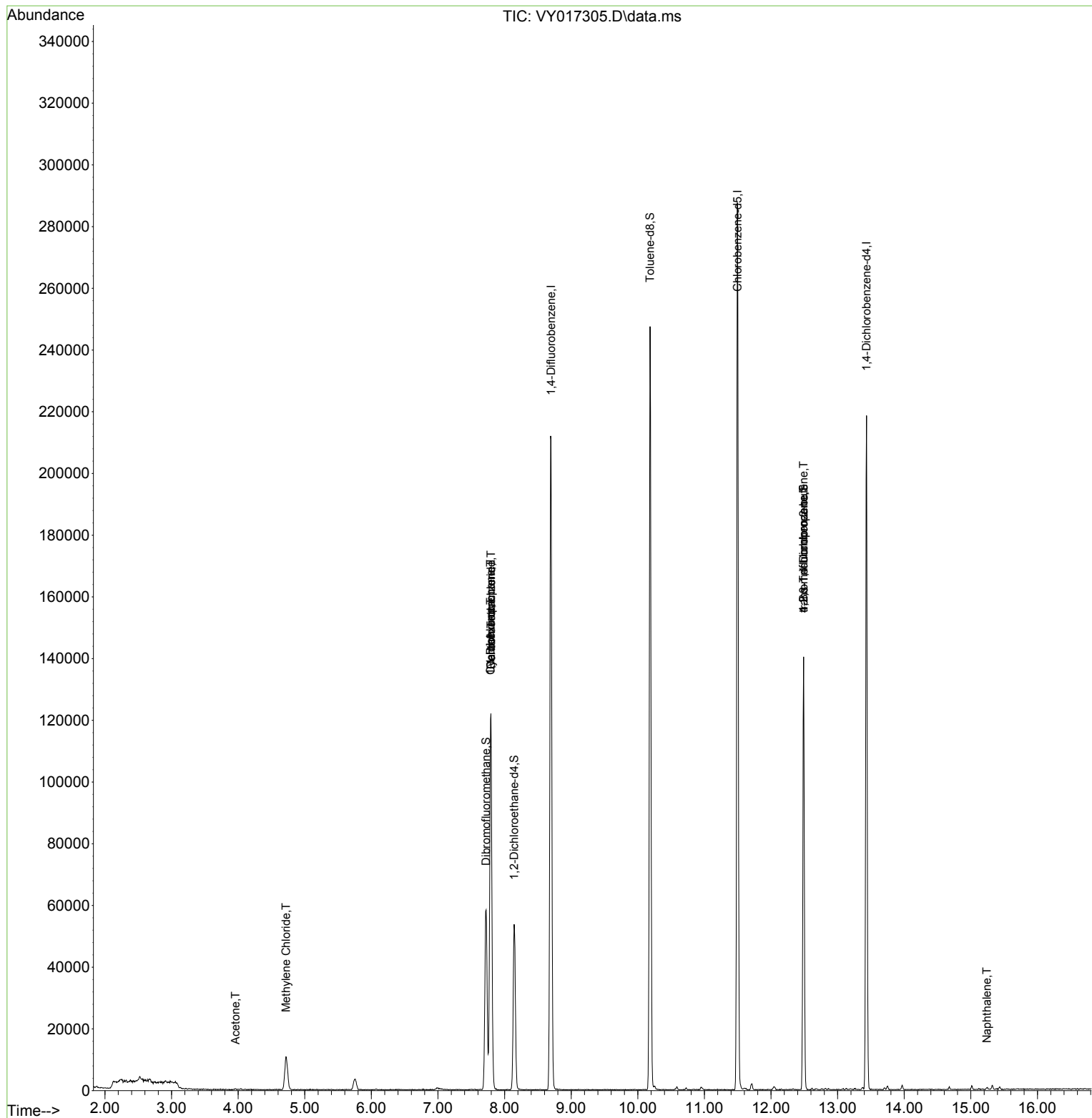
Internal Standards						
1) Pentafluorobenzene	7.795	168	90702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	179479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	147382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	51701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	42361	52.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.560%	
35) Dibromofluoromethane	7.722	113	42505	43.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.720%	
50) Toluene-d8	10.185	98	157426	44.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.240%	
62) 4-Bromofluorobenzene	12.489	95	40632	35.155	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 70.300%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	285	1.197	ug/l #	41
20) Methylene Chloride	4.716	84	7846	4.883	ug/l	98
31) Cyclohexane	7.789	56	2386	1.461	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8279	4.953	ug/l #	51
38) Carbon Tetrachloride	7.795	117	9398	5.872	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	22791	47.761	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	22791	99.240	ug/l #	12
95) Naphthalene	15.239	128	871	4.017	ug/l #	76

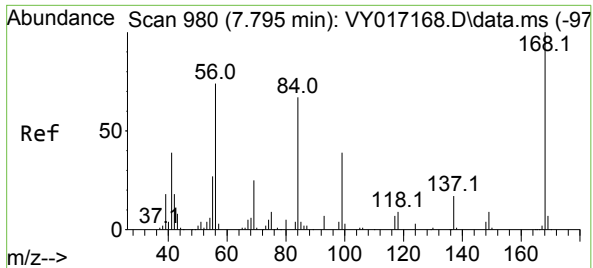
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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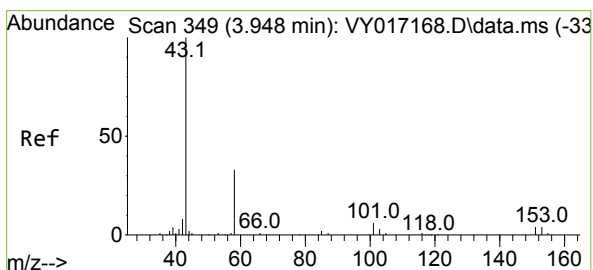
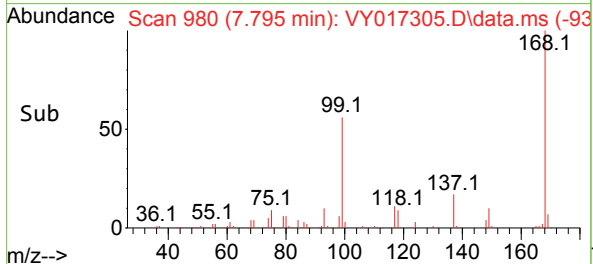
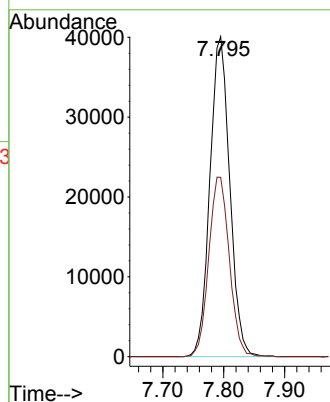
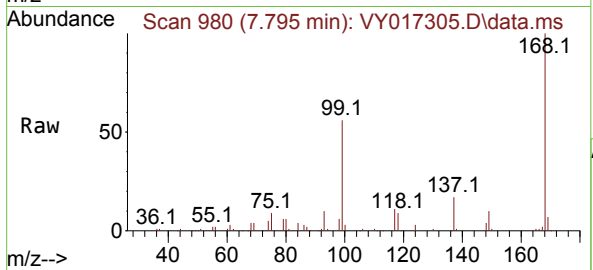




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

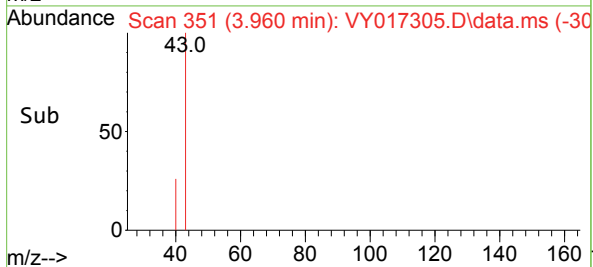
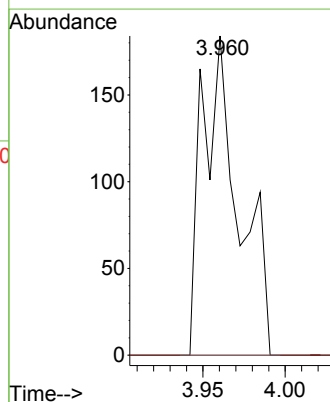
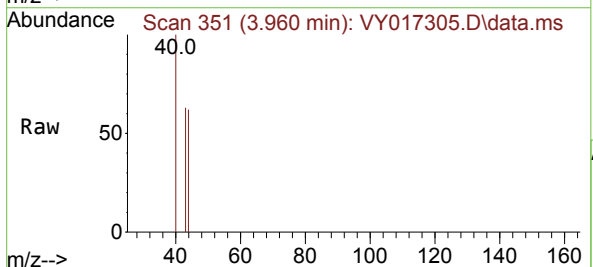
Instrument :
MSVOA_Y
ClientSampleId :

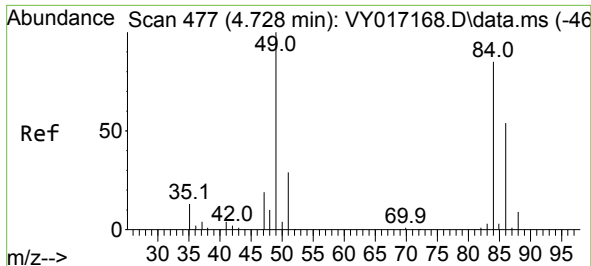
Tgt Ion:168 Resp: 90702
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#16
Acetone
Concen: 1.197 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

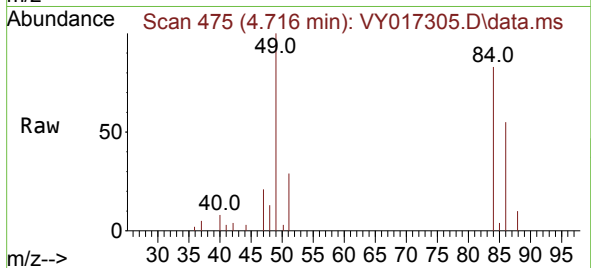
Tgt Ion: 43 Resp: 285
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#





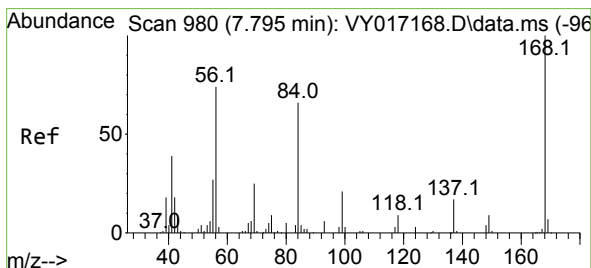
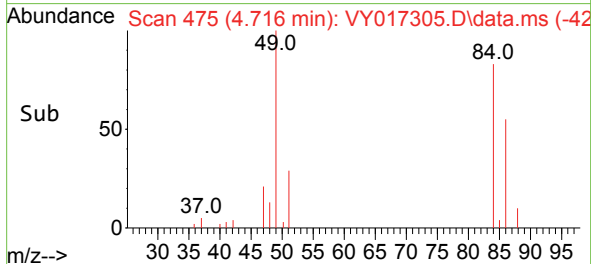
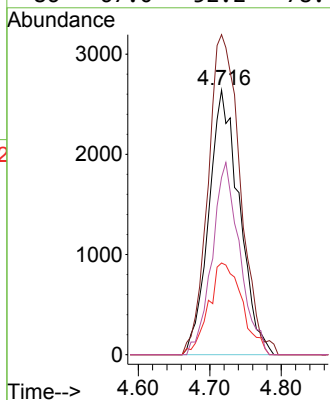
#20
Methylene Chloride
Concen: 4.883 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 7846

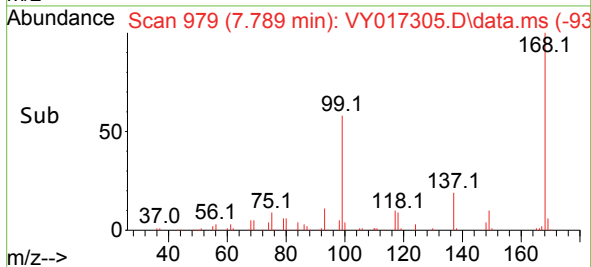
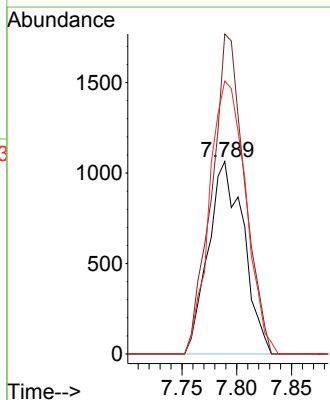
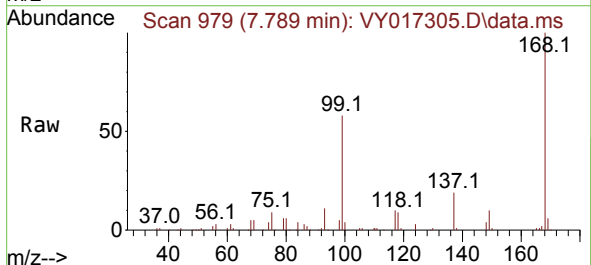
Ion	Ratio	Lower	Upper
84	100		
49	121.0	95.2	142.8
51	34.7	29.9	44.9
86	67.0	52.2	78.4

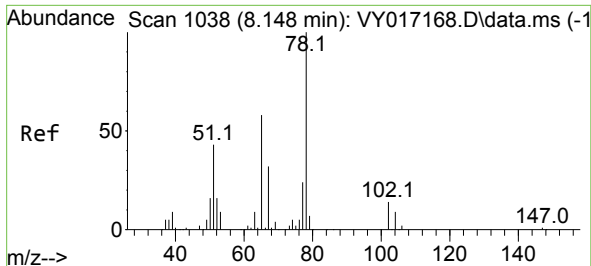


#31
Cyclohexane
Concen: 1.461 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

Tgt Ion: 56 Resp: 2386

Ion	Ratio	Lower	Upper
56	100		
69	166.3	27.0	40.6#
84	141.8	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 52.280 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY017305.D

Acq: 08 Feb 2024 12:08

Instrument :

MSVOA_Y

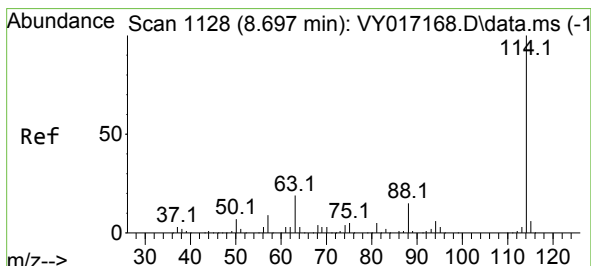
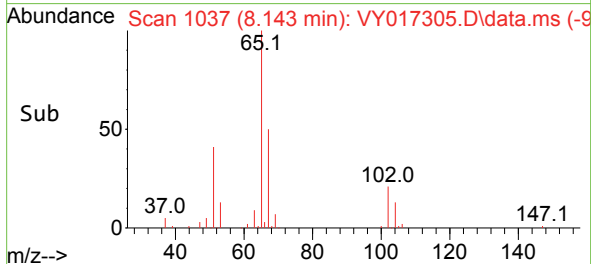
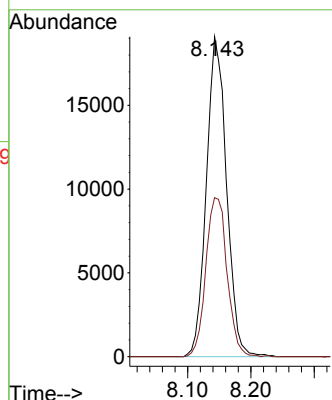
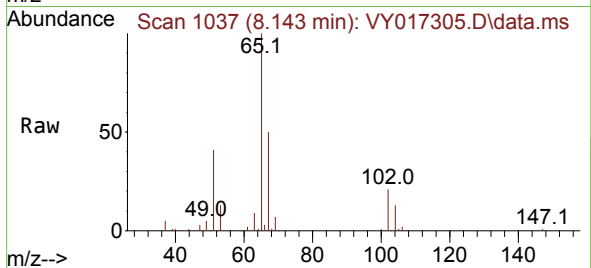
ClientSampleId :

Tgt Ion: 65 Resp: 42361

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017305.D

Acq: 08 Feb 2024 12:08

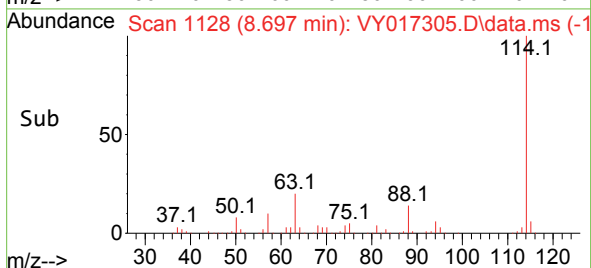
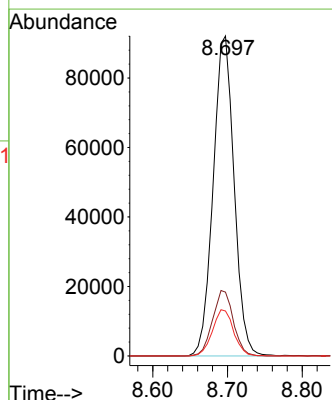
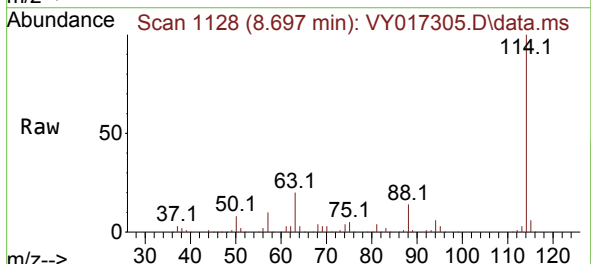
Tgt Ion:114 Resp: 179479

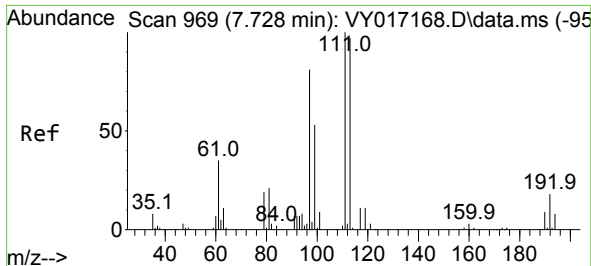
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.1 0.0 29.0

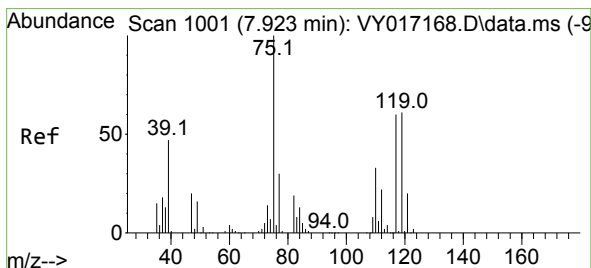
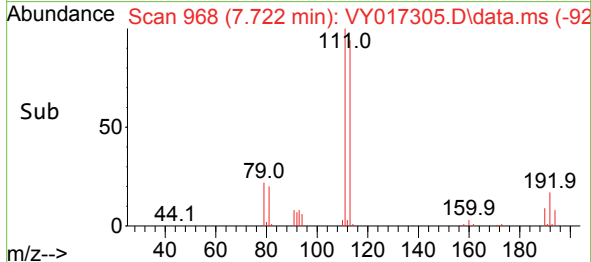
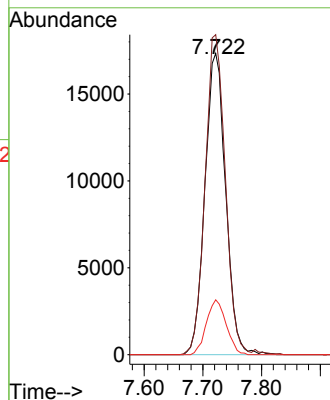
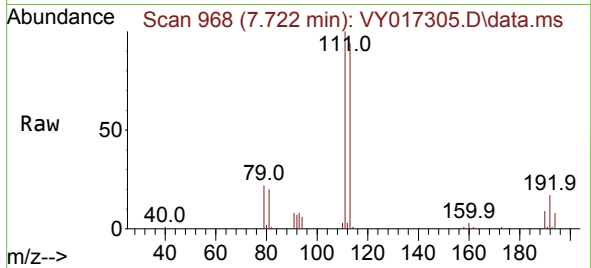




#35
Dibromofluoromethane
Concen: 43.862 ug/l
RT: 7.722 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

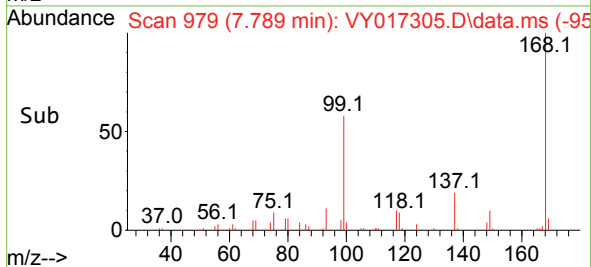
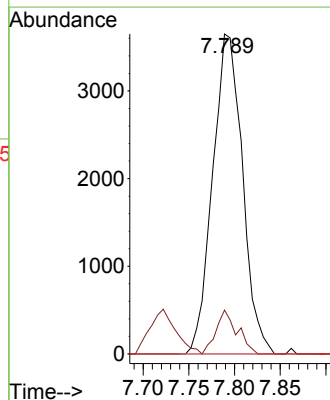
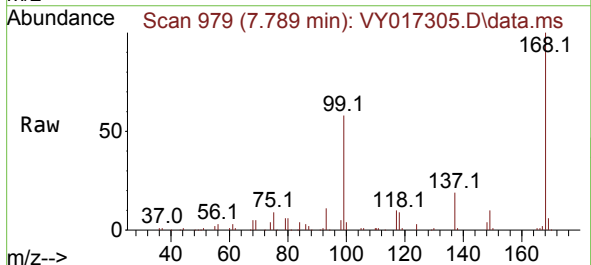
Instrument :
MSVOA_Y
ClientSampleId :

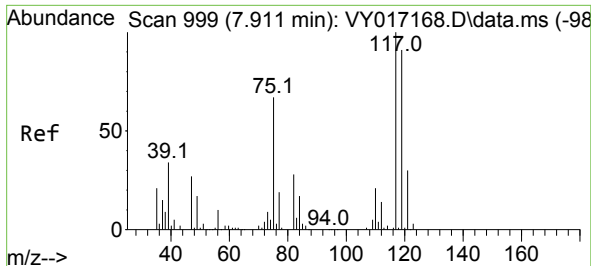
Tgt Ion:113 Resp: 42505
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 17.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.953 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

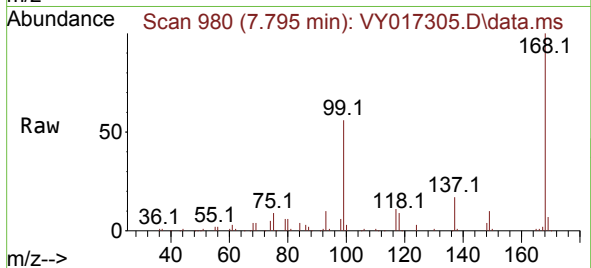
Tgt Ion: 75 Resp: 8279
Ion Ratio Lower Upper
75 100
110 9.7 17.4 52.3#
77 0.0 24.7 37.1#



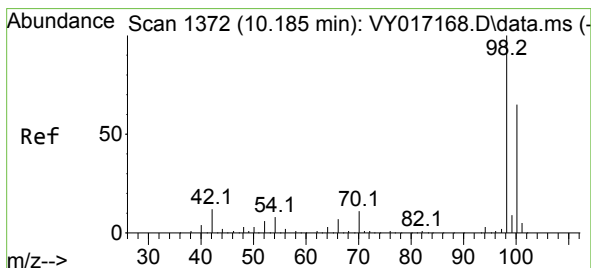
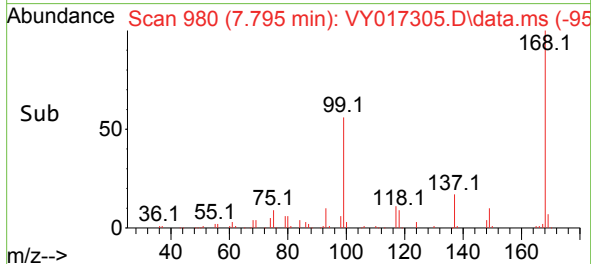
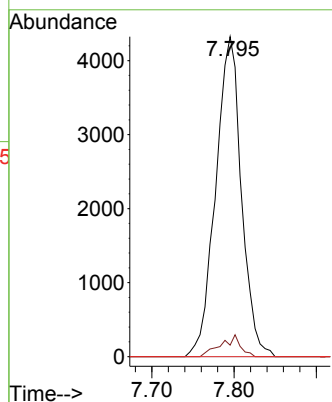


#38
Carbon Tetrachloride
Concen: 5.872 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

Instrument :
MSVOA_Y
ClientSampleId :

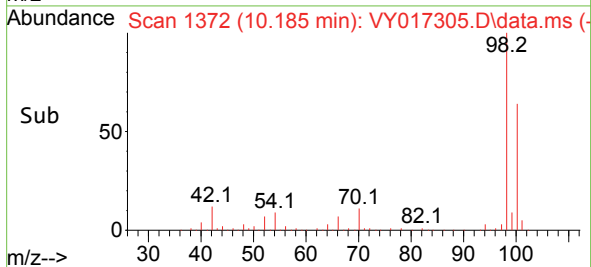
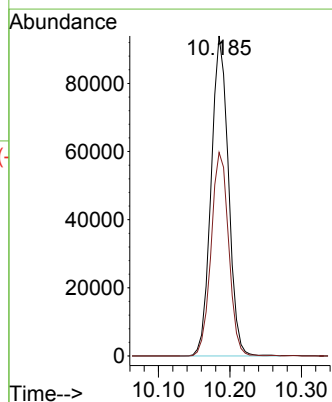
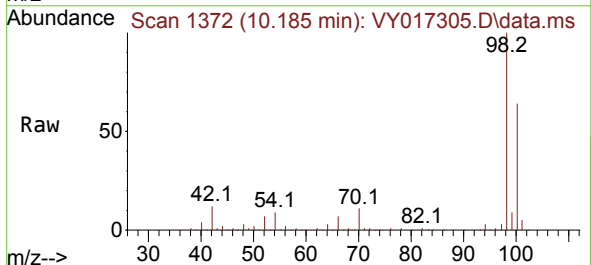


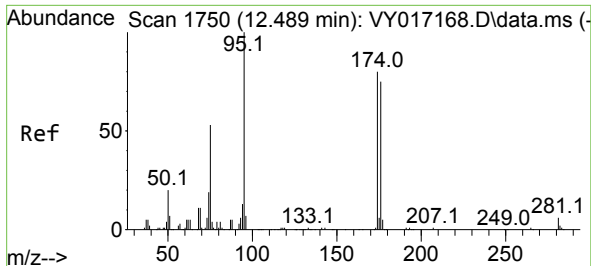
Tgt Ion:117 Resp: 9398
Ion Ratio Lower Upper
117 100
119 3.6 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.618 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

Tgt Ion: 98 Resp: 157426
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 35.155 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017305.D

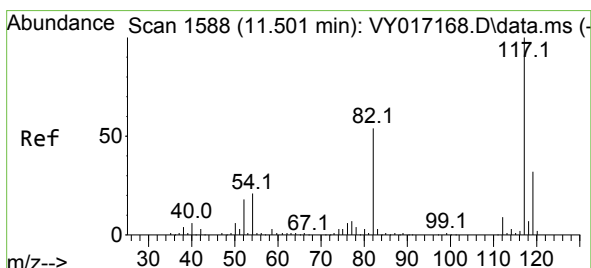
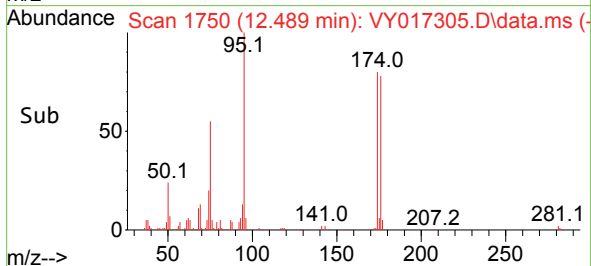
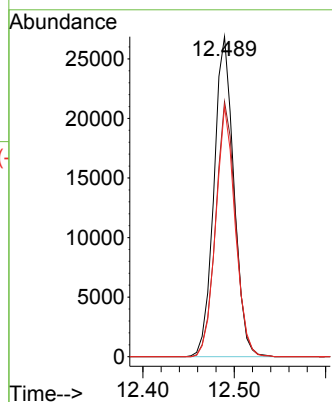
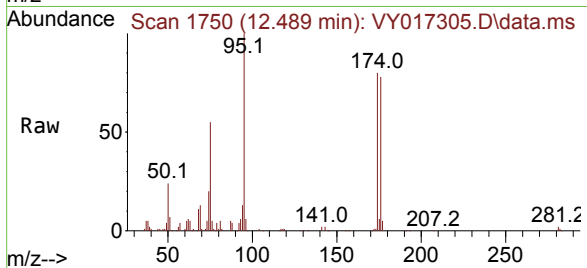
Acq: 08 Feb 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	95	Resp:	40632
Ion	Ratio	Lower	Upper
95	100		
174	79.3	0.0	160.0
176	76.4	0.0	151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

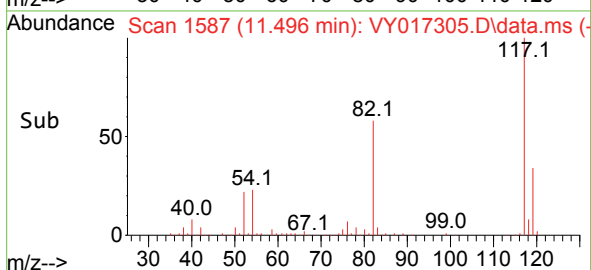
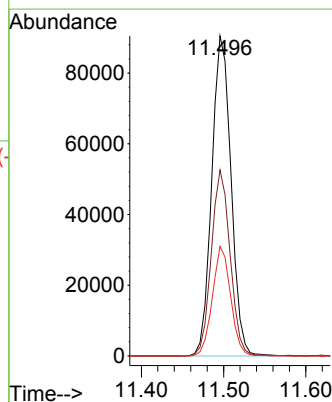
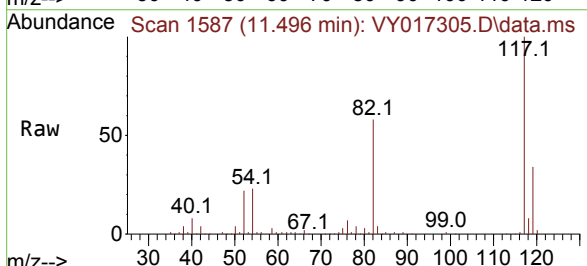
RT: 11.496 min Scan# 1587

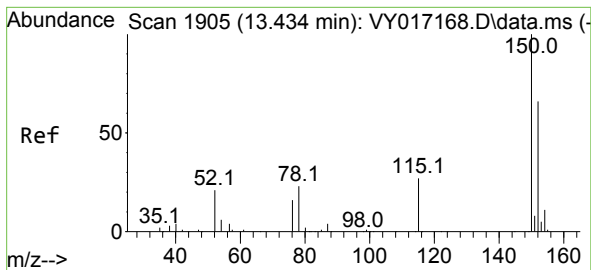
Delta R.T. -0.006 min

Lab File: VY017305.D

Acq: 08 Feb 2024 12:08

Tgt Ion:	117	Resp:	147382
Ion	Ratio	Lower	Upper
117	100		
82	58.1	43.8	65.8
119	34.3	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017305.D

Acq: 08 Feb 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

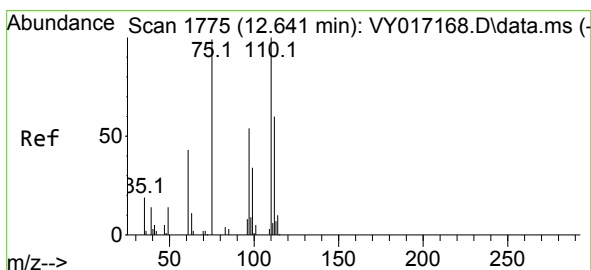
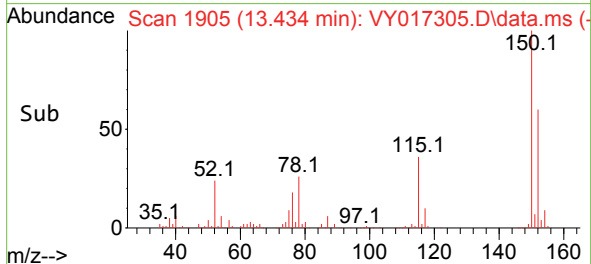
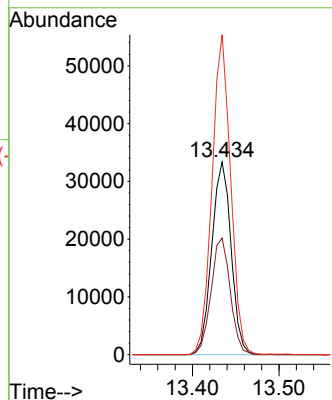
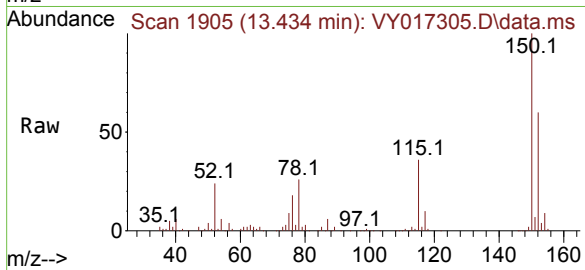
Tgt Ion:152 Resp: 51701

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 159.8 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 47.761 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017305.D

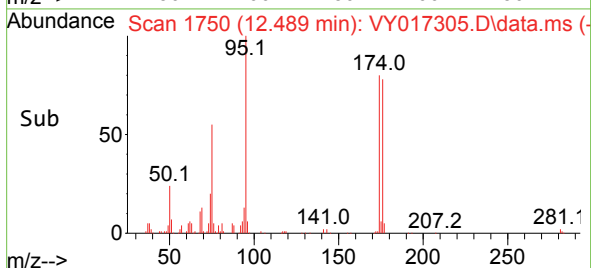
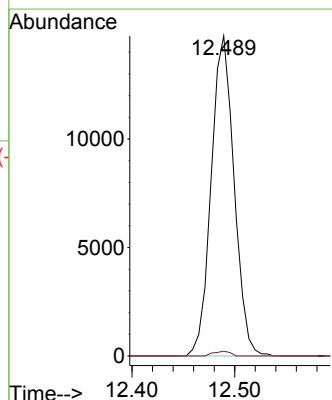
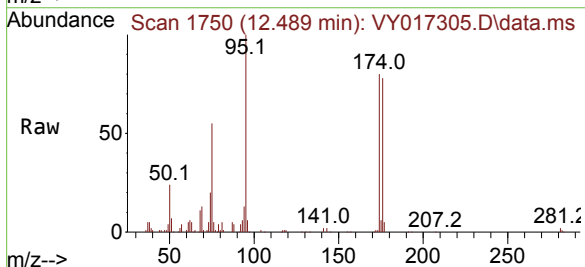
Acq: 08 Feb 2024 12:08

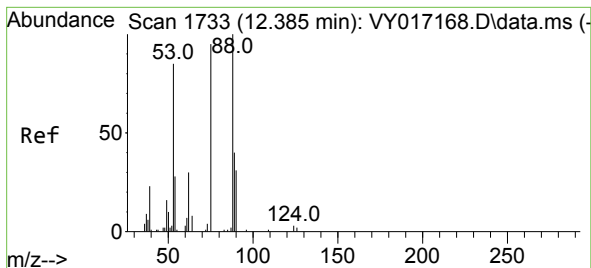
Tgt Ion: 75 Resp: 22791

Ion Ratio Lower Upper

75 100

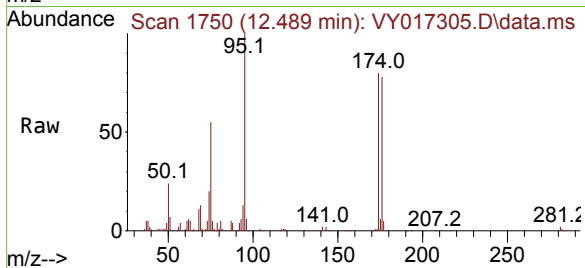
77 1.1 0.0 0.0#



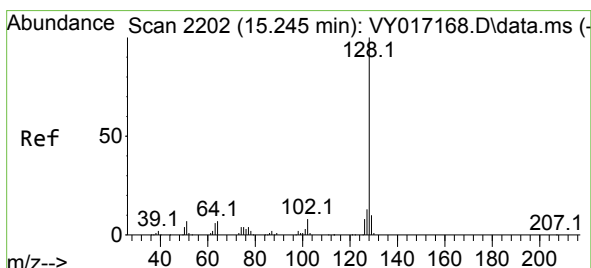
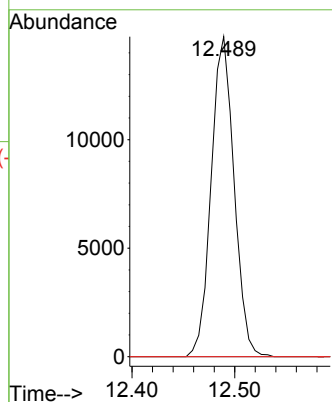
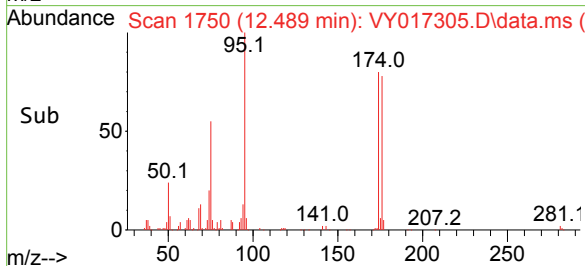


#81
trans-1,4-Dichloro-2-butene
Concen: 99.240 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

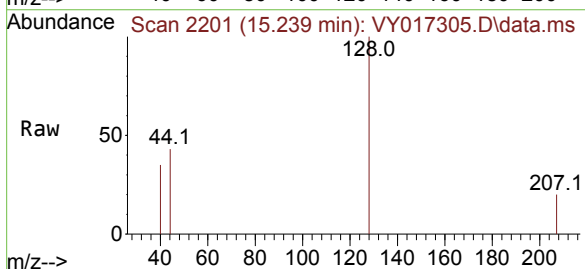
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 22791
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 4.017 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08



Tgt Ion: 128 Resp: 871
Ion Ratio Lower Upper
128 100
127 4.6 10.2 15.4#
129 0.0 8.6 12.8#

