

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017324.D
 Acq On : 08 Feb 2024 19:46
 Operator : SY/MD
 Sample : P1394-02
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:16:51 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)

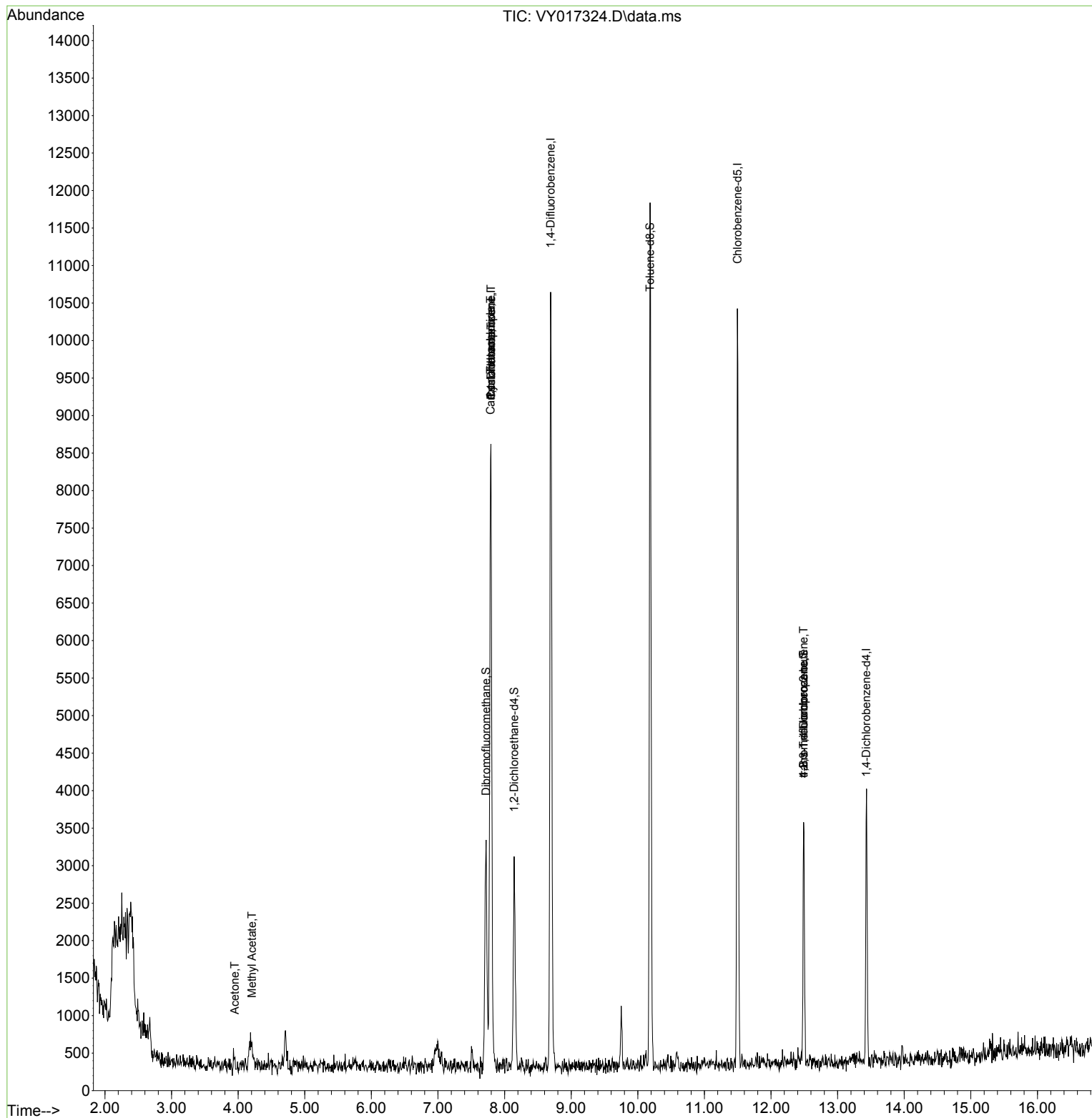
Internal Standards						
1) Pentafluorobenzene	7.795	168	6878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2172	35.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.700%
35) Dibromofluoromethane	7.722	113	2280	44.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.000%
50) Toluene-d8	10.185	98	8150	44.179	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.360%
62) 4-Bromofluorobenzene	12.489	95	1217	20.139	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.280%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	159	8.804	ug/l #	41
18) Methyl Acetate	4.204	43	53	1.316	ug/l #	51
20) Methylene Chloride	4.704	84	244	Below Cal	#	79
31) Cyclohexane	7.795	56	135	1.090	ug/l #	50
36) 1,1-Dichloropropene	7.795	75	598	6.842	ug/l #	42
38) Carbon Tetrachloride	7.789	117	753	8.999	ug/l #	12
76) 1,2,3-Trichloropropane	12.489	75	581	54.125	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	581	112.466	ug/l #	12

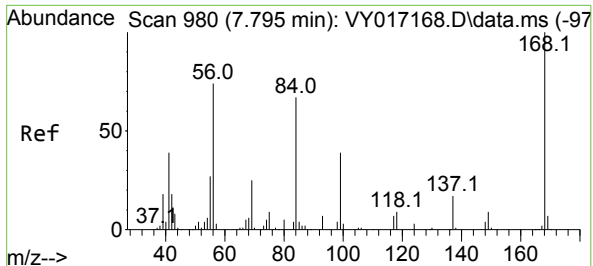
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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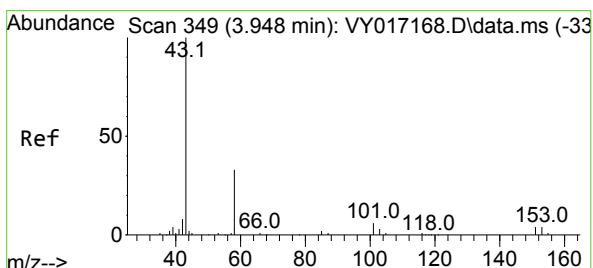
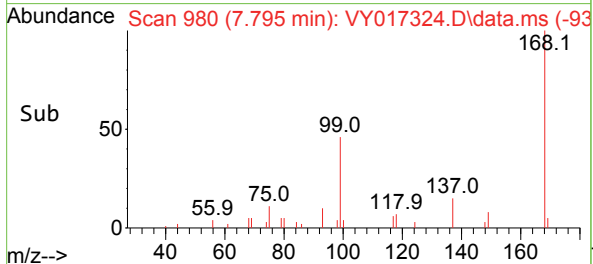
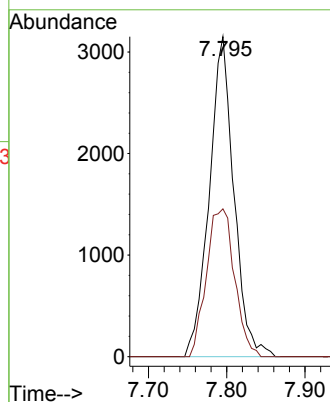
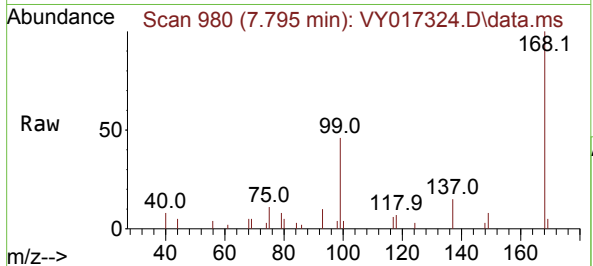




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017324.D
Acq: 08 Feb 2024 19:46

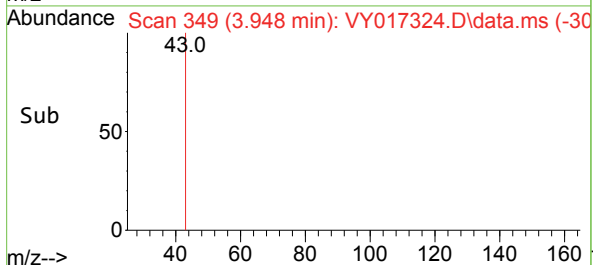
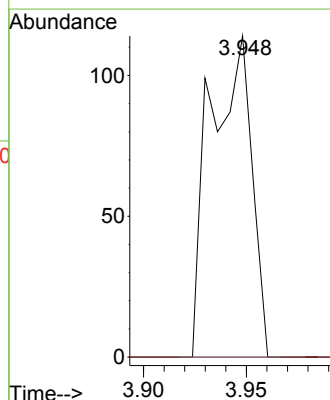
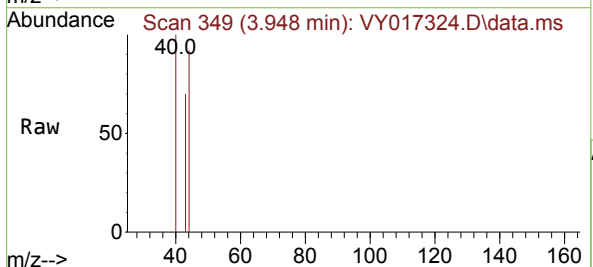
Instrument :
MSVOA_Y
ClientSampleId :

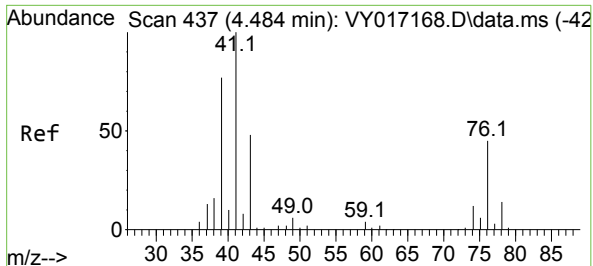
Tgt Ion:168 Resp: 6878
Ion Ratio Lower Upper
168 100
99 46.2 44.2 66.4



#16
Acetone
Concen: 8.804 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017324.D
Acq: 08 Feb 2024 19:46

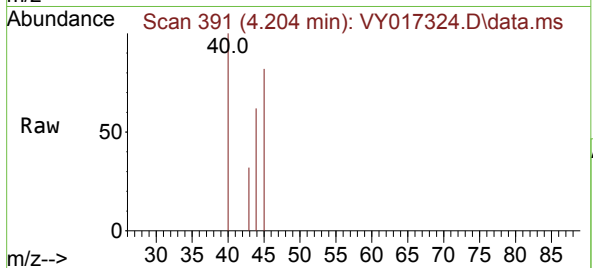
Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



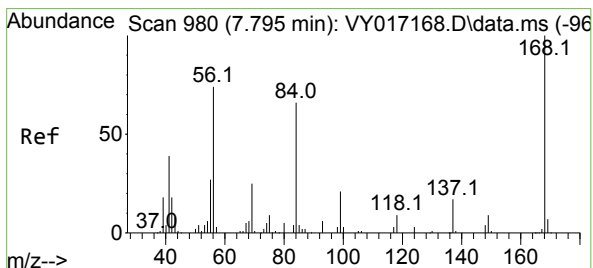
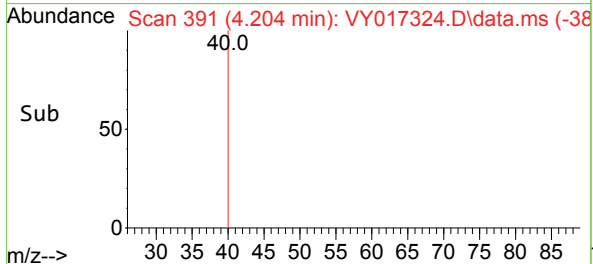
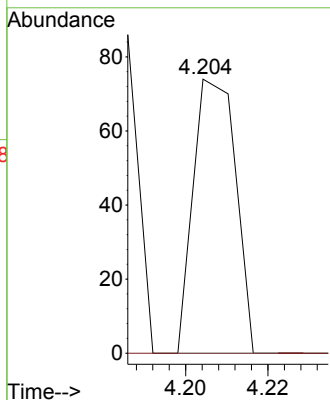


#18
Methyl Acetate
Concen: 1.316 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.280 min
Lab File: VY017324.D
Acq: 08 Feb 2024 19:46

Instrument :
MSVOA_Y
ClientSampleId :

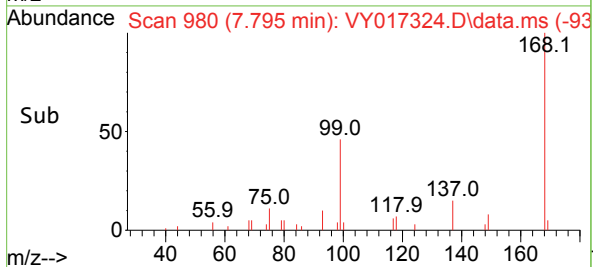
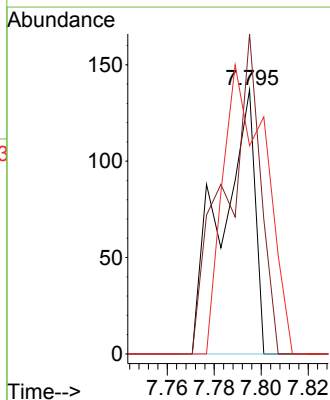
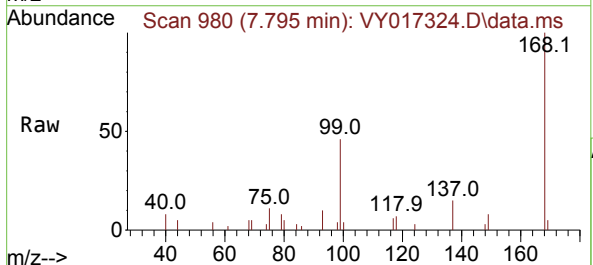


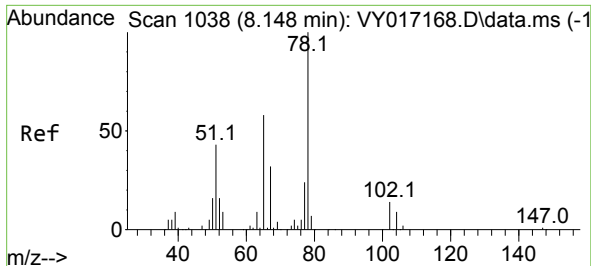
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017324.D
Acq: 08 Feb 2024 19:46

Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
69 121.2 27.0 40.6#
84 78.8 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 35.349 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VY017324.D

Acq: 08 Feb 2024 19:46

Instrument :

MSVOA_Y

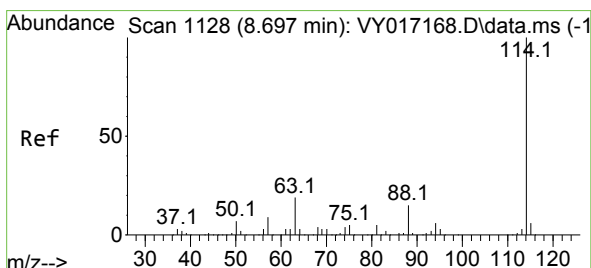
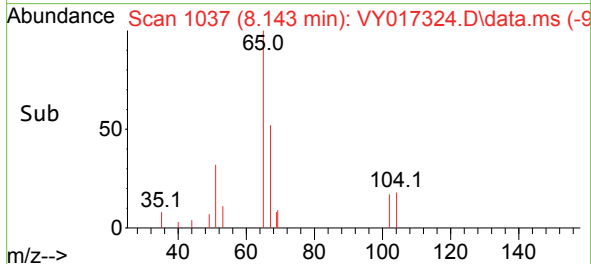
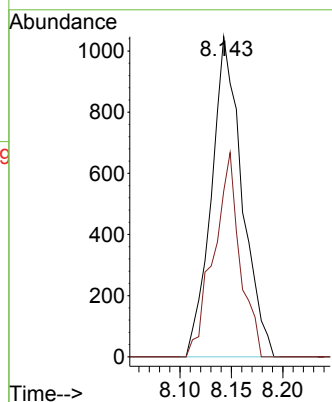
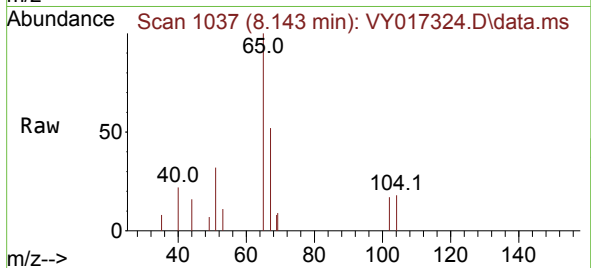
ClientSampleId :

Tgt Ion: 65 Resp: 2172

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017324.D

Acq: 08 Feb 2024 19:46

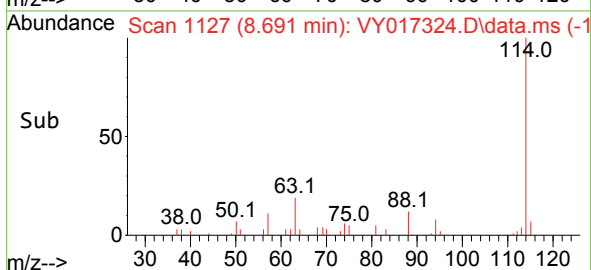
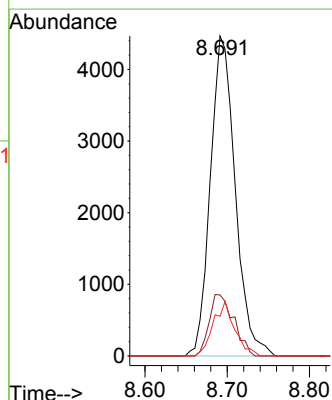
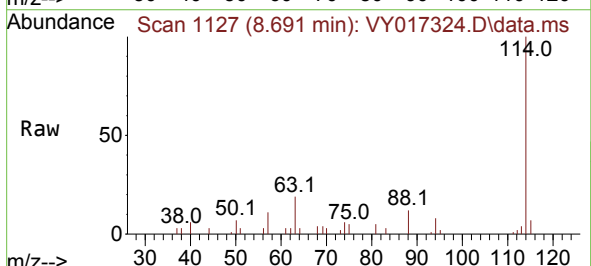
Tgt Ion: 114 Resp: 9384

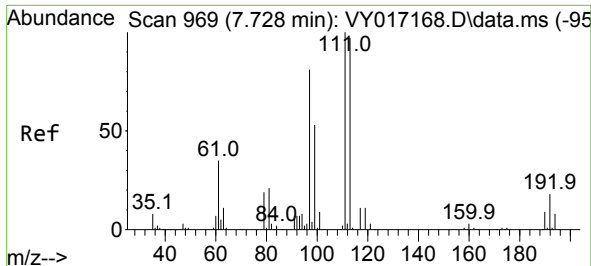
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.4

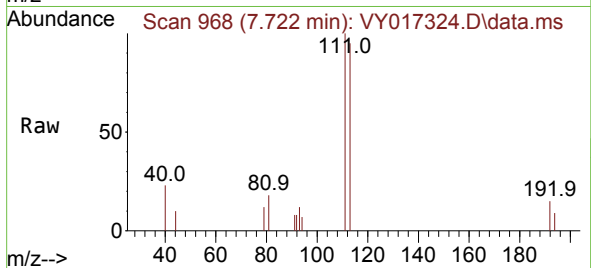
88 12.4 0.0 29.0



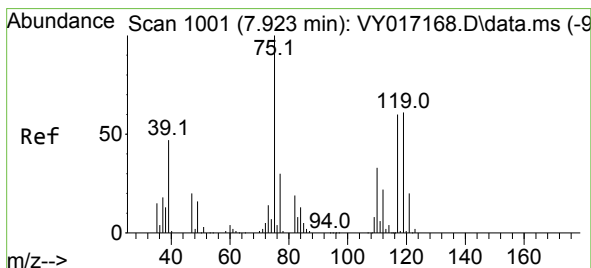
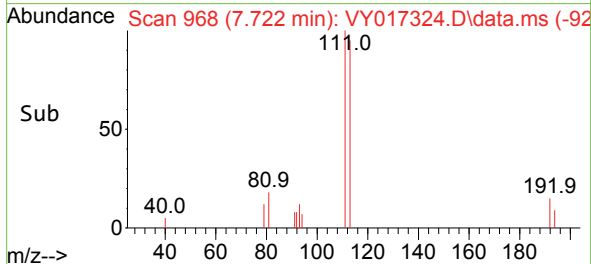
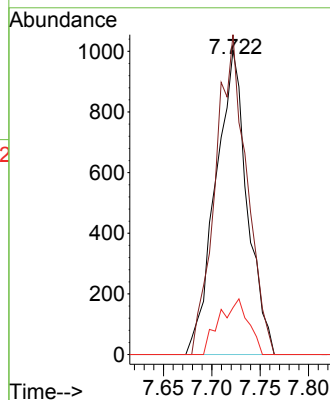


#35
 Dibromofluoromethane
 Concen: 44.999 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VY017324.D
 Acq: 08 Feb 2024 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :

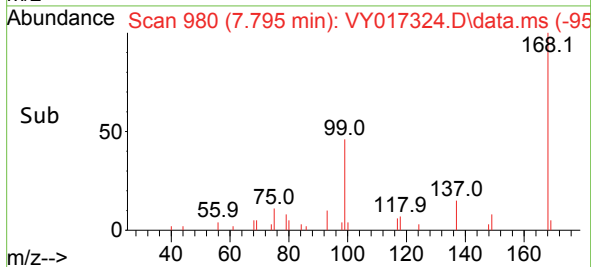
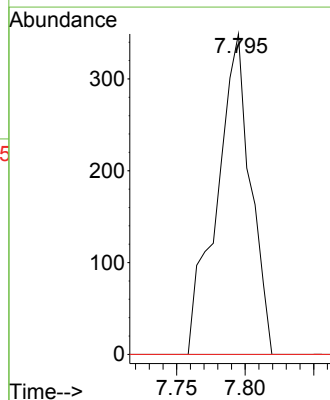
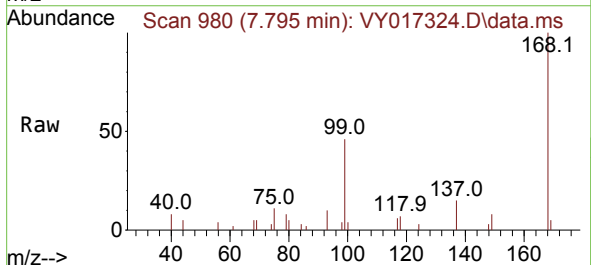


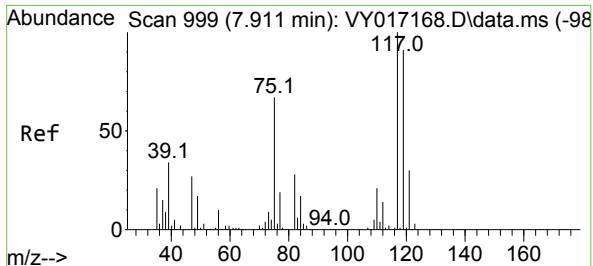
Tgt Ion:	113	Resp:	2280
Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.8	125.6
192	16.8	14.5	21.7



#36
 1,1-Dichloropropene
 Concen: 6.842 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.128 min
 Lab File: VY017324.D
 Acq: 08 Feb 2024 19:46

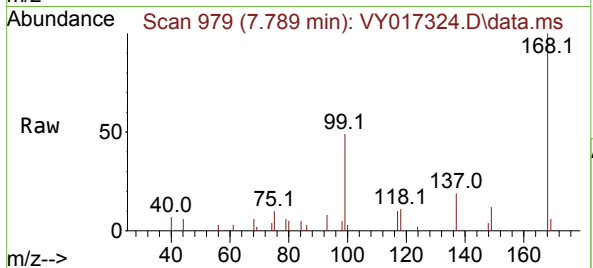
Tgt Ion:	75	Resp:	598
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.4	52.3#
77	0.0	24.7	37.1#



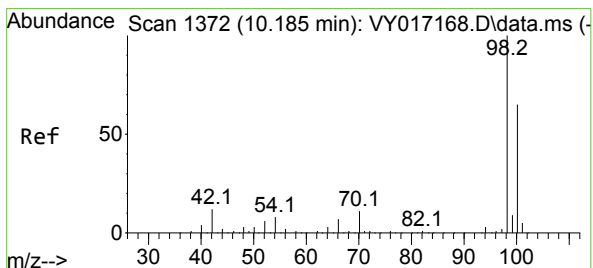
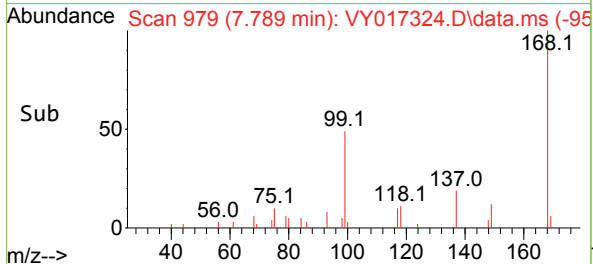
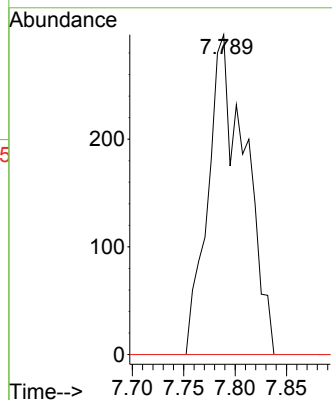


#38
Carbon Tetrachloride
Concen: 8.999 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017324.D
Acq: 08 Feb 2024 19:46

Instrument :
MSVOA_Y
ClientSampleId :

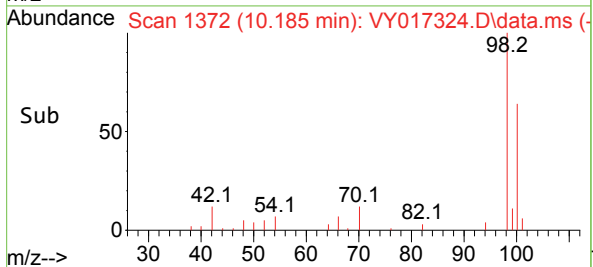
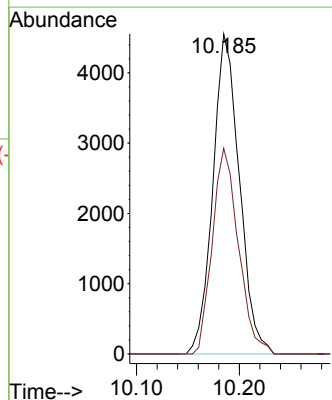
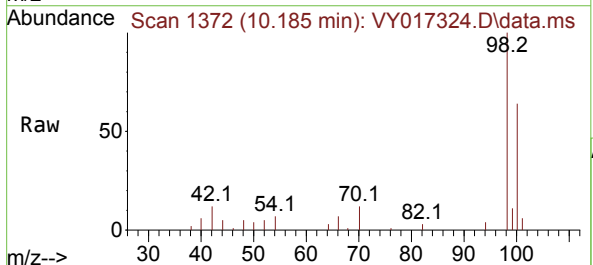


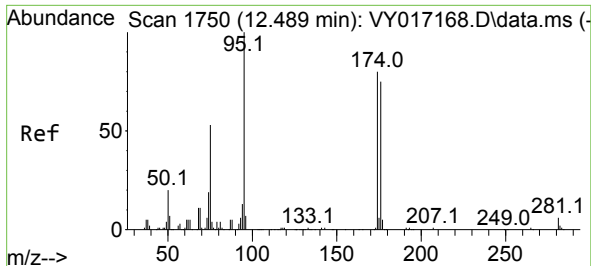
Tgt Ion:117 Resp: 753
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 44.179 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017324.D
Acq: 08 Feb 2024 19:46

Tgt Ion: 98 Resp: 8150
Ion Ratio Lower Upper
98 100
100 63.2 52.3 78.5

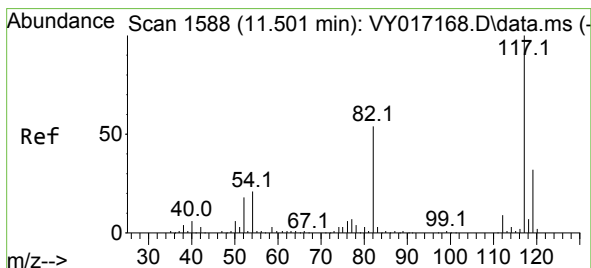
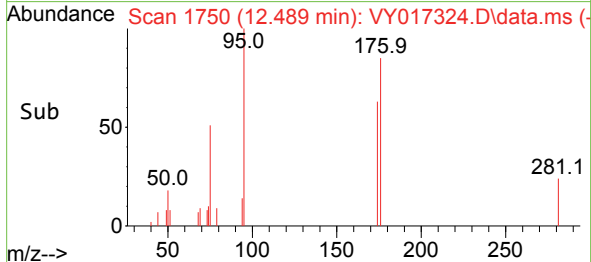
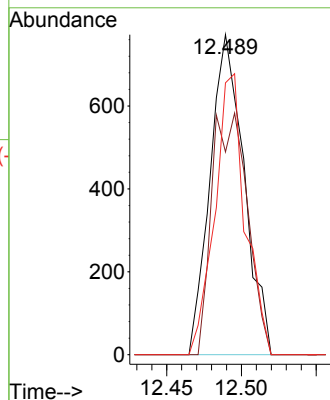
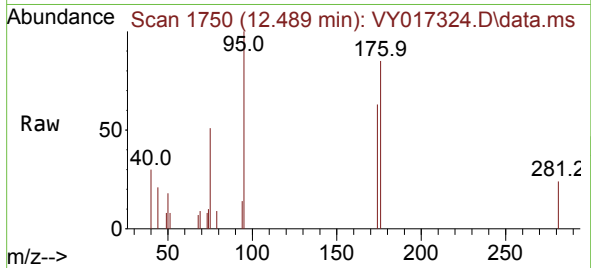




#62
4-Bromofluorobenzene
Concen: 20.139 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017324.D
Acq: 08 Feb 2024 19:46

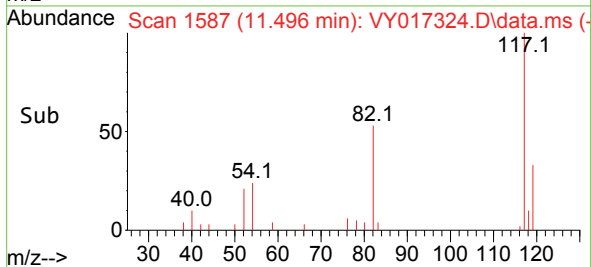
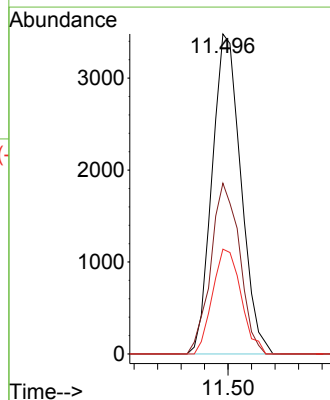
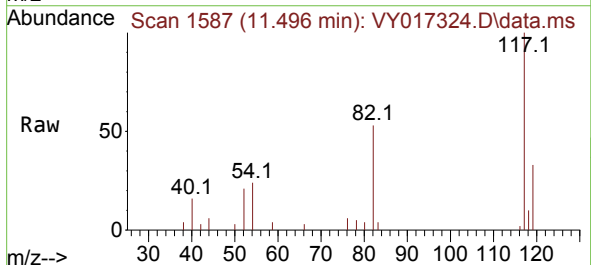
Instrument :
MSVOA_Y
ClientSampleId :

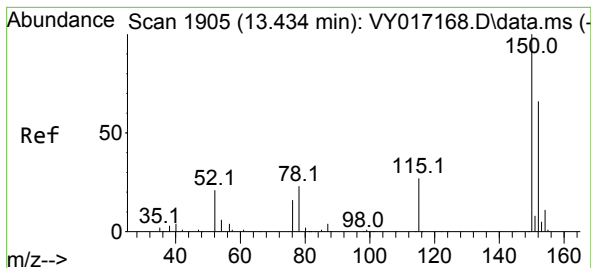
Tgt Ion:	95	Resp:	1217
Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	160.0
176	79.0	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017324.D
Acq: 08 Feb 2024 19:46

Tgt Ion:	117	Resp:	5927
Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.8
119	32.8	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1905

Delta R.T. -0.006 min

Lab File: VY017324.D

Acq: 08 Feb 2024 19:46

Instrument :

MSVOA_Y

ClientSampleId :

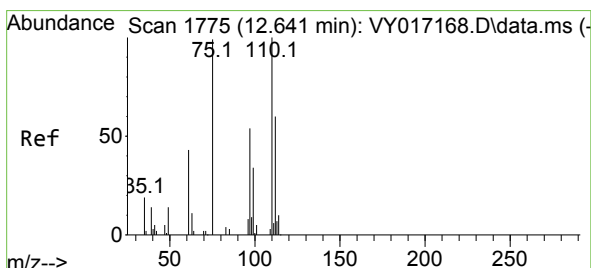
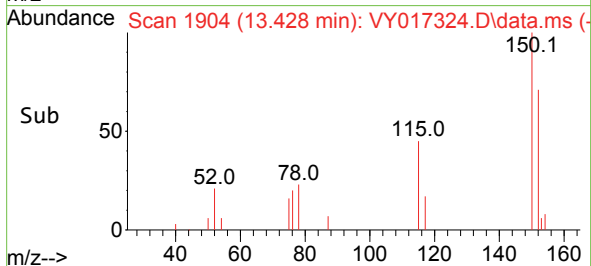
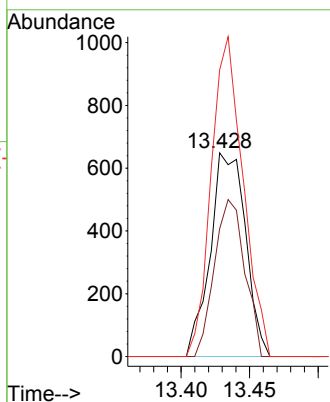
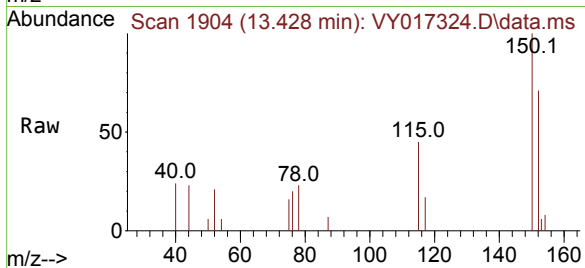
Tgt Ion:152 Resp: 1163

Ion Ratio Lower Upper

152 100

115 66.3 30.0 90.0

150 141.5 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 54.125 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017324.D

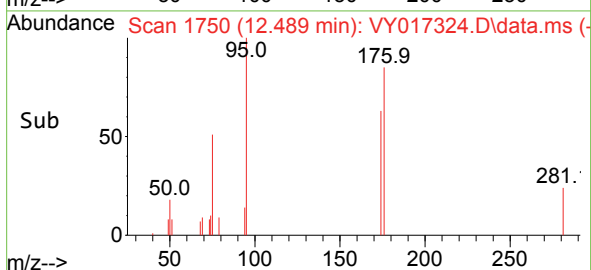
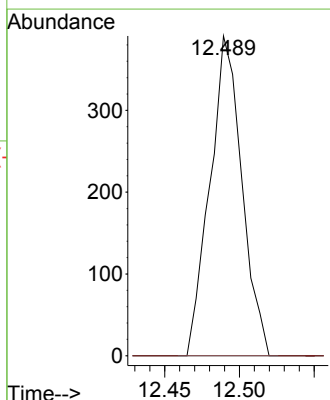
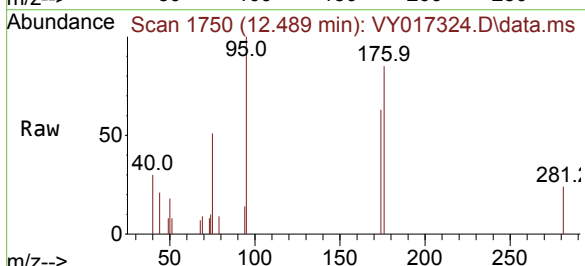
Acq: 08 Feb 2024 19:46

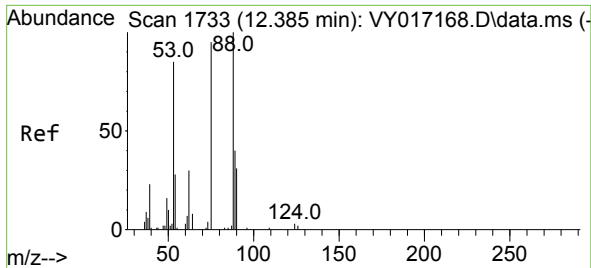
Tgt Ion: 75 Resp: 581

Ion Ratio Lower Upper

75 100

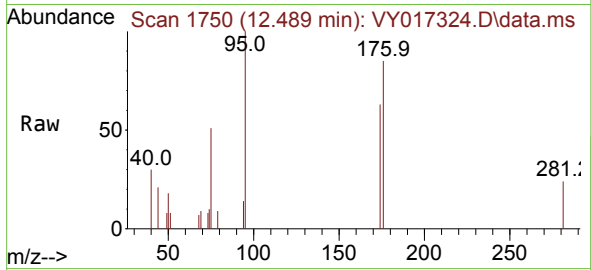
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.466 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017324.D
 Acq: 08 Feb 2024 19:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 581
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

