

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017828.D
 Acq On : 03 Apr 2024 11:48
 Operator : SY/MD
 Sample : P1954-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR21147

Quant Time: Apr 04 01:09:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

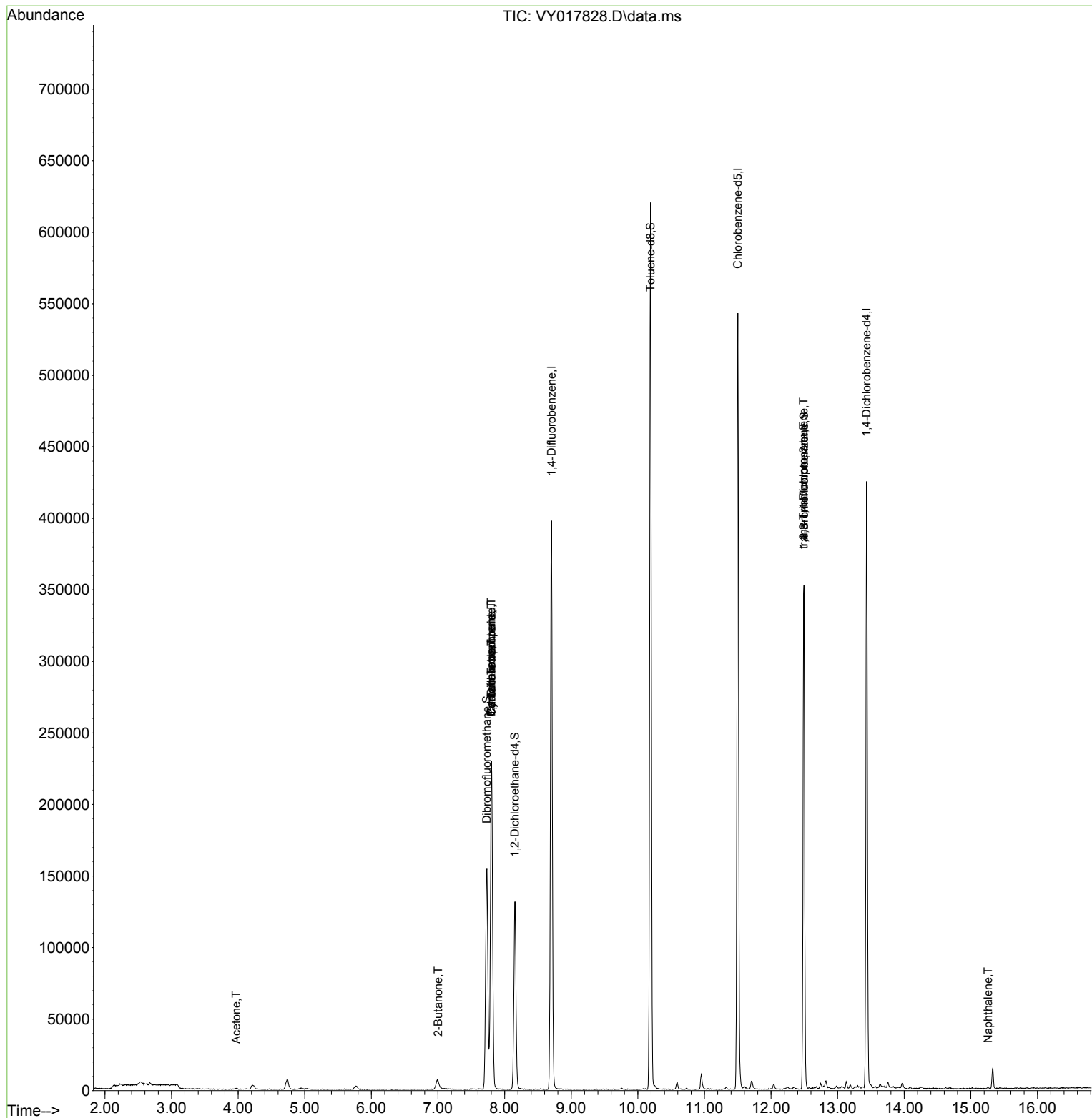
Internal Standards						
1) Pentafluorobenzene	7.801	168	187155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	344876	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.501	117	302967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	110568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	100233	61.891	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.780%	
35) Dibromofluoromethane	7.734	113	112994	56.700	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.400%	
50) Toluene-d8	10.191	98	401544	53.941	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	12.495	95	102740	45.362	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.941	59	662	Below Cal	#	88
16) Acetone	3.972	43	1007	3.008	ug/l #	85
25) 2-Butanone	7.002	43	488	1.023	ug/l #	41
31) Cyclohexane	7.801	56	3462	1.213	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	13982	4.809	ug/l #	48
38) Carbon Tetrachloride	7.801	117	17034	5.643	ug/l #	16
51) 4-Methyl-2-Pentanone	10.087	43	427	Below Cal	#	74
56) Ethyl methacrylate	10.642	69	48	Below Cal	#	33
59) 2-Hexanone	10.959	43	117	Below Cal	#	19
69) o-Xylene	12.038	106	888	Below Cal		98
70) Styrene	12.050	104	448	Below Cal	#	83
74) N-amyl acetate	12.148	43	42	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.489	75	55163	54.749	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	55163	106.814	ug/l #	16
95) Naphthalene	15.257	128	851	1.094	ug/l #	77

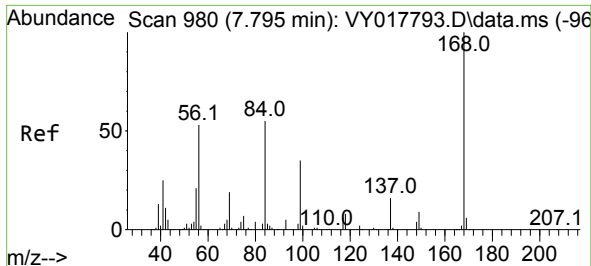
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
Data File : VY017828.D
Acq On : 03 Apr 2024 11:48
Operator : SY/MD
Sample : P1954-01
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBR21147

Quant Time: Apr 04 01:09:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

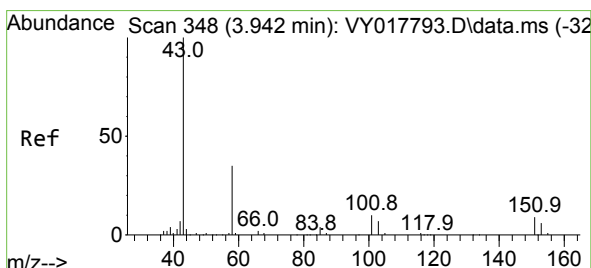
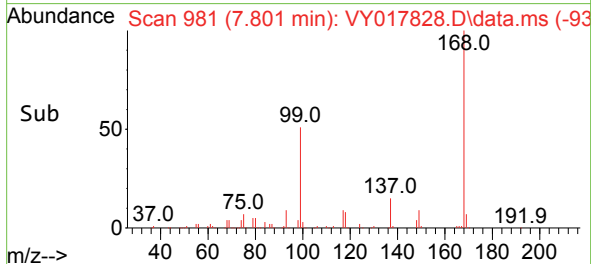
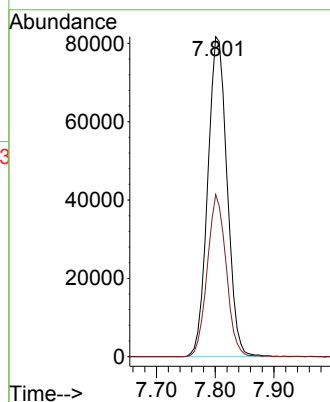
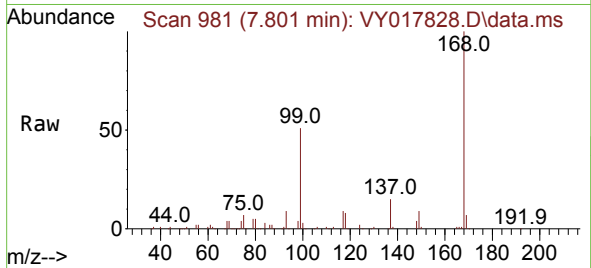




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017828.D
Acq: 03 Apr 2024 11:48

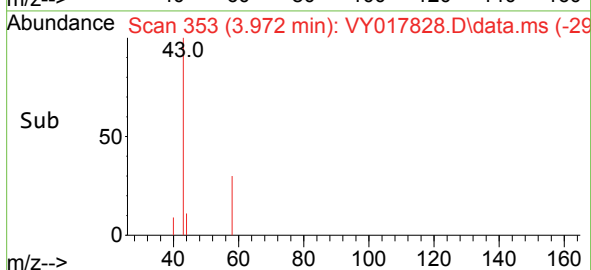
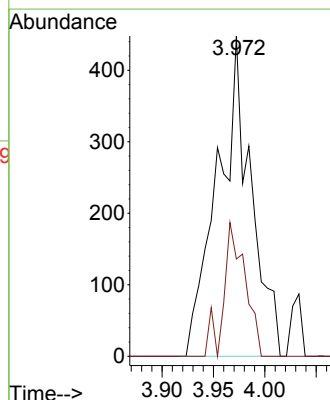
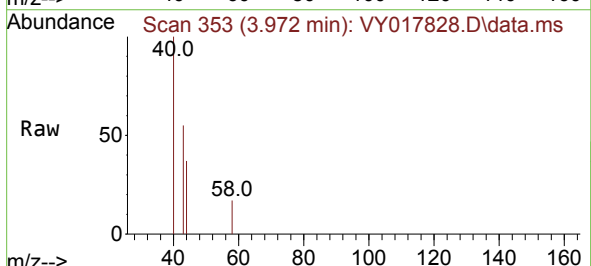
Instrument :
MSVOA_Y
ClientSampleId :
RBR21147

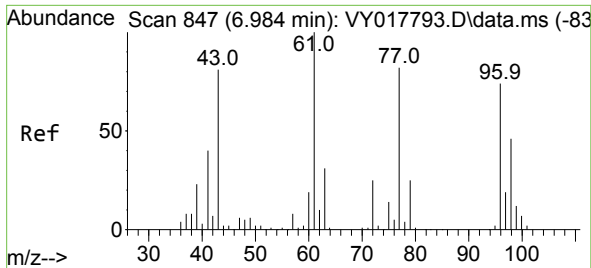
Tgt Ion:168 Resp: 187155
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#16
Acetone
Concen: 3.008 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.030 min
Lab File: VY017828.D
Acq: 03 Apr 2024 11:48

Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
58 30.4 31.7 47.5#

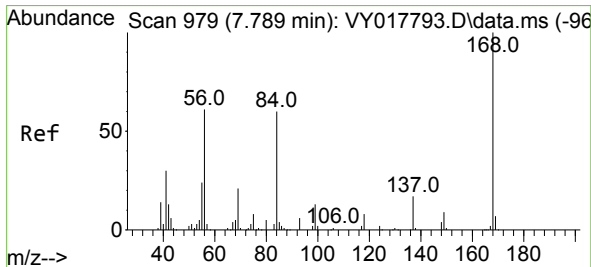
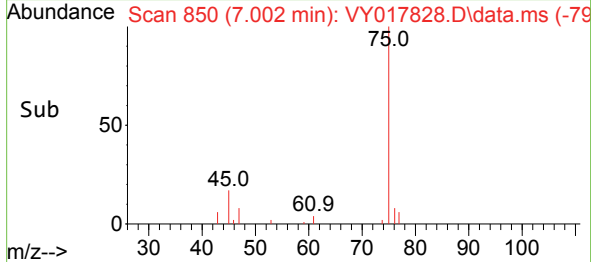
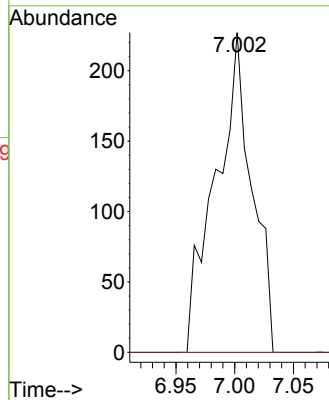
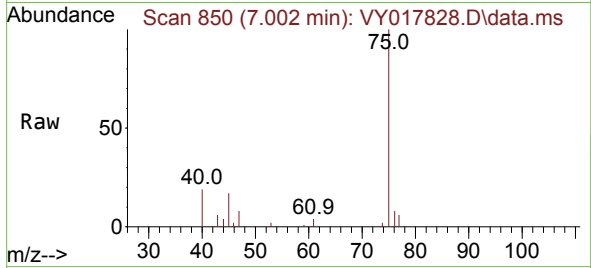




#25
2-Butanone
Concen: 1.023 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.018 min
Lab File: VY017828.D
Acq: 03 Apr 2024 11:48

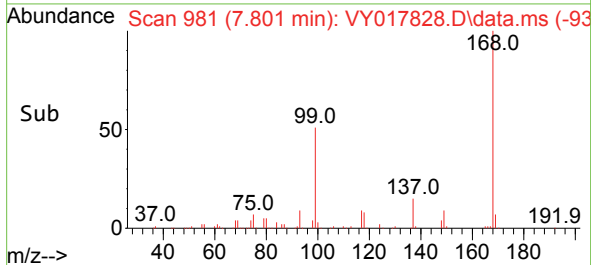
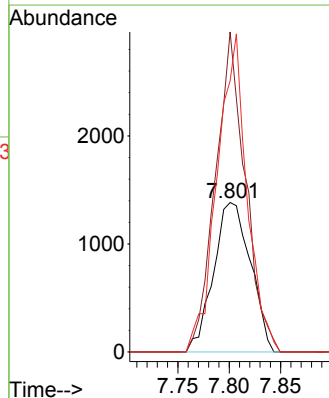
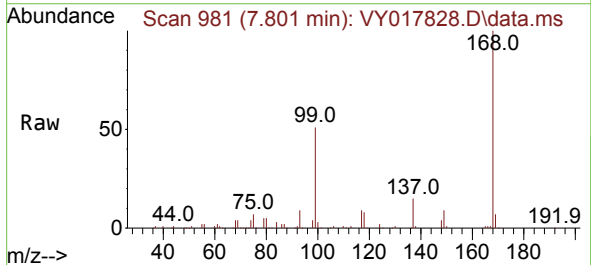
Instrument :
MSVOA_Y
ClientSampleId :
RBR21147

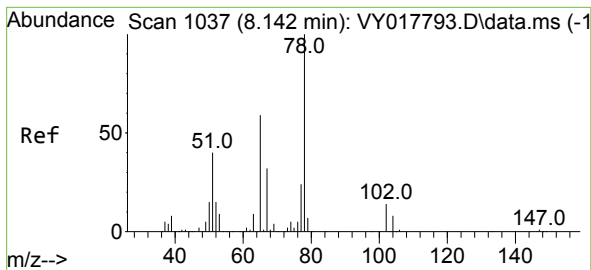
Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017828.D
Acq: 03 Apr 2024 11:48

Tgt Ion: 56 Resp: 3462
Ion Ratio Lower Upper
56 100
69 214.2 28.7 43.1#
84 181.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 61.891 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. 0.012 min

Lab File: VY017828.D

Acq: 03 Apr 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

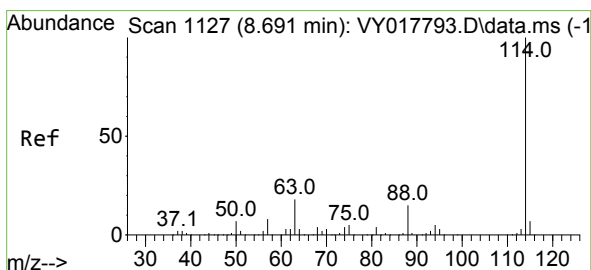
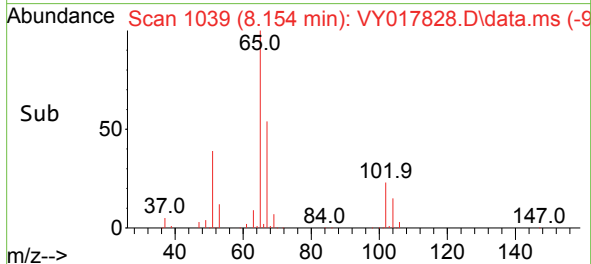
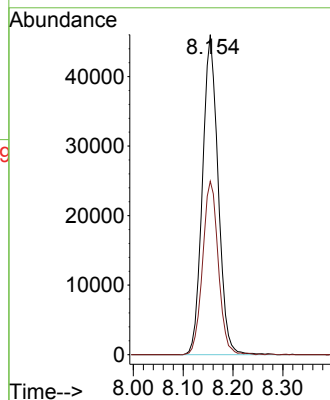
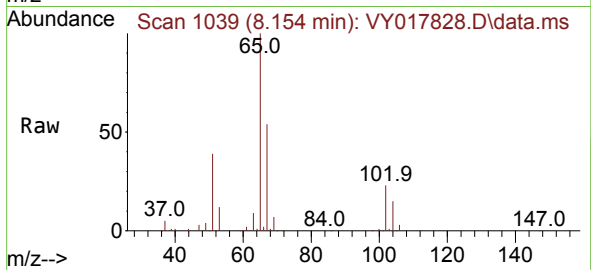
RBR21147

Tgt Ion: 65 Resp: 100233

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017828.D

Acq: 03 Apr 2024 11:48

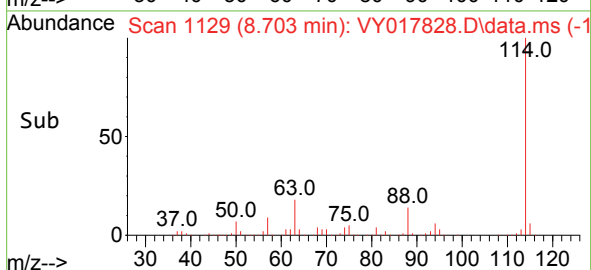
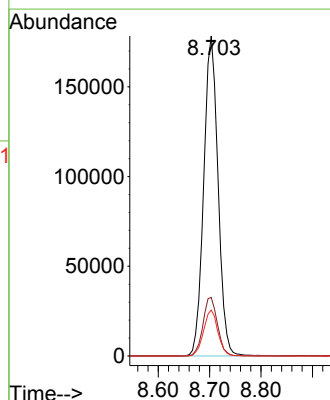
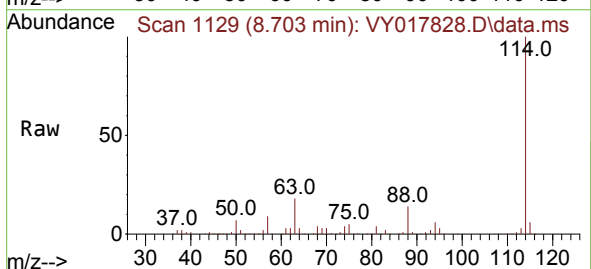
Tgt Ion: 114 Resp: 344876

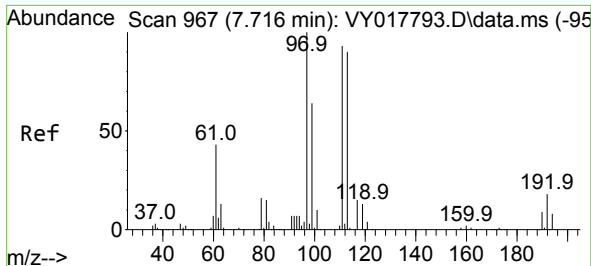
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

88 14.4 0.0 27.2

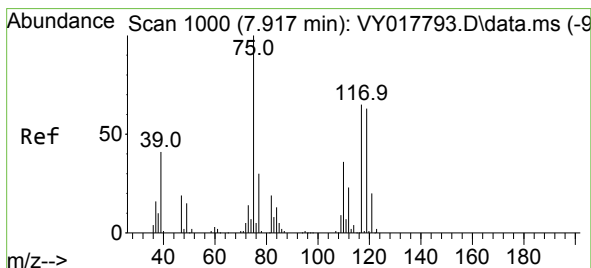
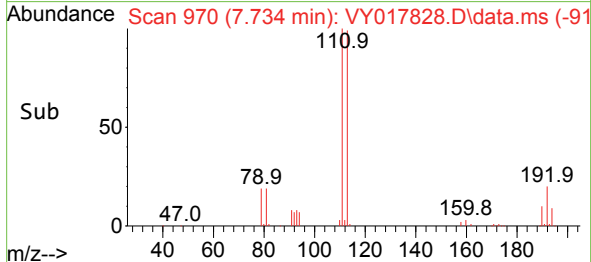
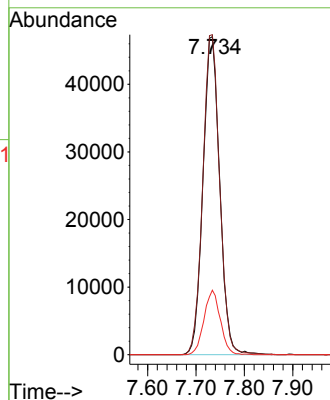
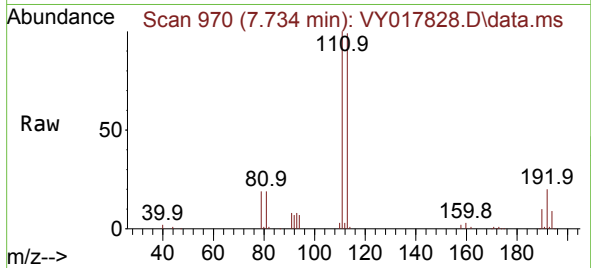




#35
Dibromofluoromethane
Concen: 56.700 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017828.D
Acq: 03 Apr 2024 11:48

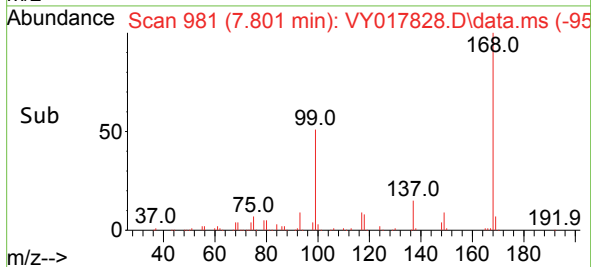
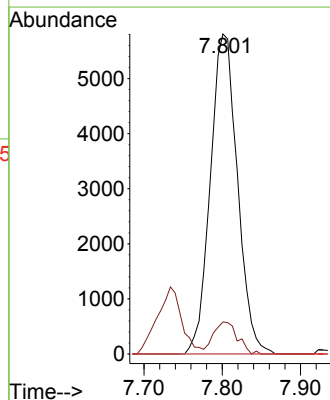
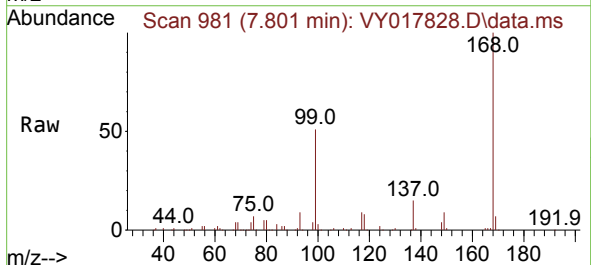
Instrument :
MSVOA_Y
ClientSampleId :
RBR21147

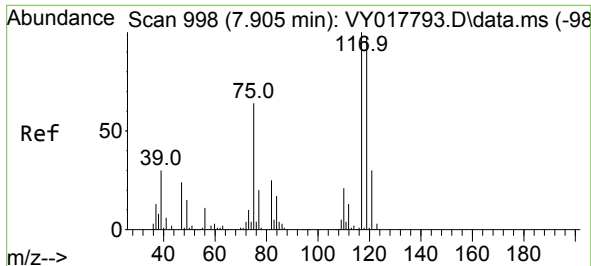
Tgt Ion:113 Resp: 112994
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 19.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.809 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017828.D
Acq: 03 Apr 2024 11:48

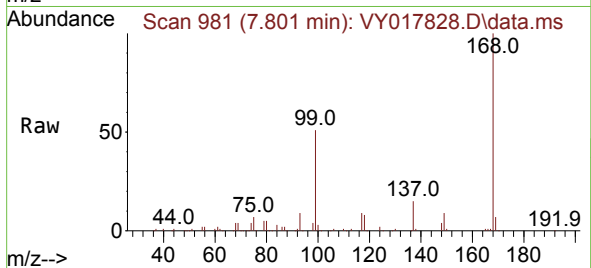
Tgt Ion: 75 Resp: 13982
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#



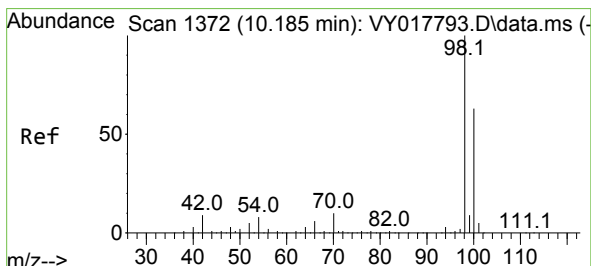
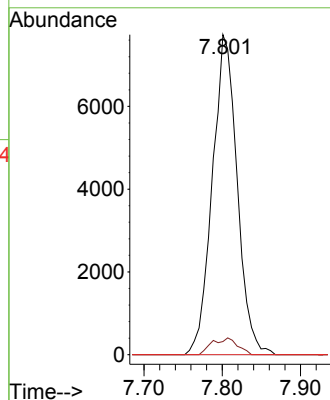
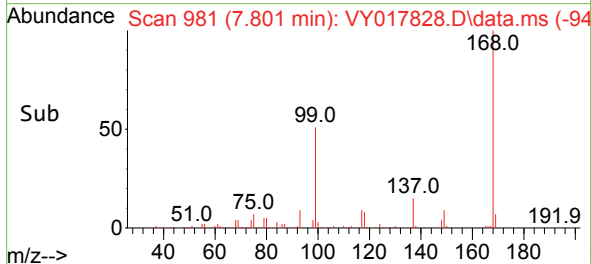


#38
Carbon Tetrachloride
Concen: 5.643 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY017828.D
Acq: 03 Apr 2024 11:48

Instrument :
MSVOA_Y
ClientSampleId :
RBR21147

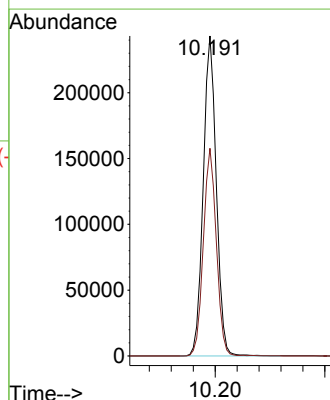
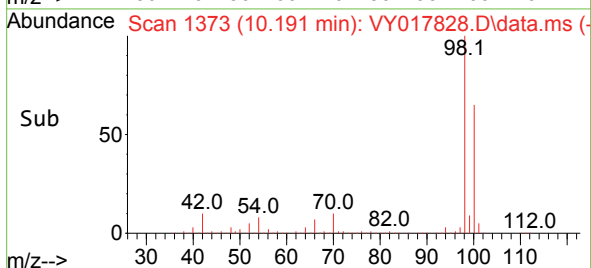
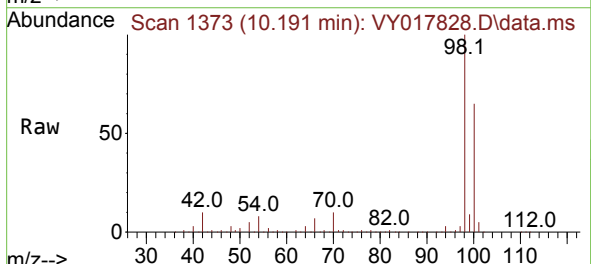


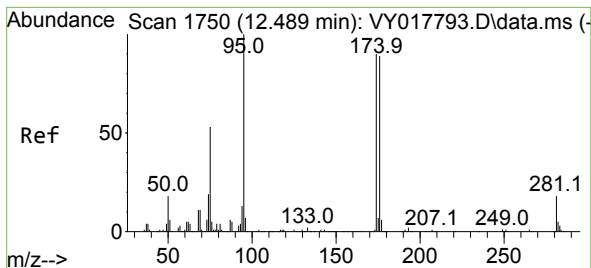
Tgt Ion:117 Resp: 17034
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 53.941 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017828.D
Acq: 03 Apr 2024 11:48

Tgt Ion: 98 Resp: 401544
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

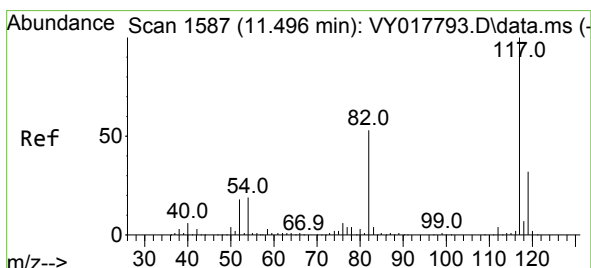
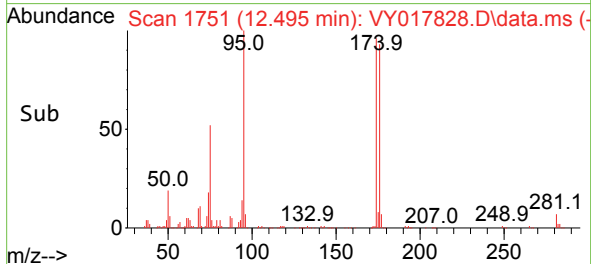
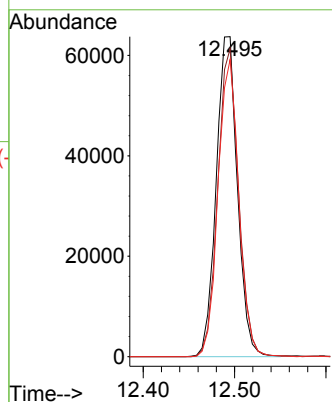
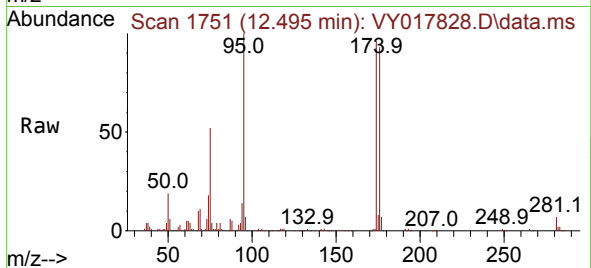




#62
4-Bromofluorobenzene
Concen: 45.362 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017828.D
Acq: 03 Apr 2024 11:48

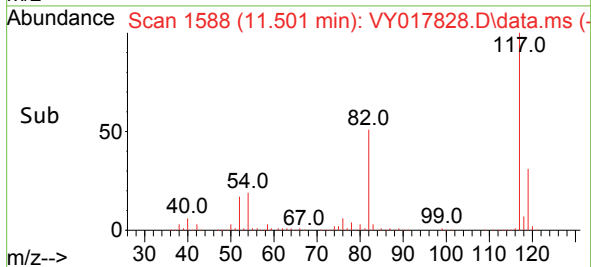
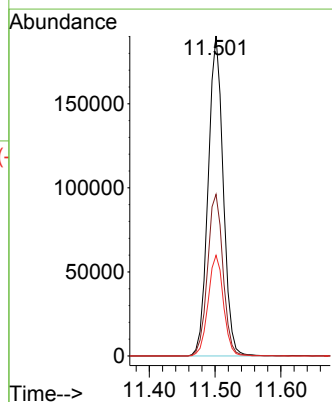
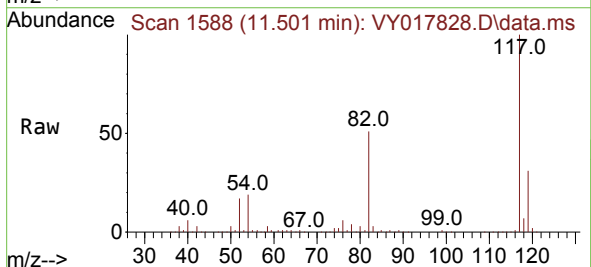
Instrument :
MSVOA_Y
ClientSampleId :
RBR21147

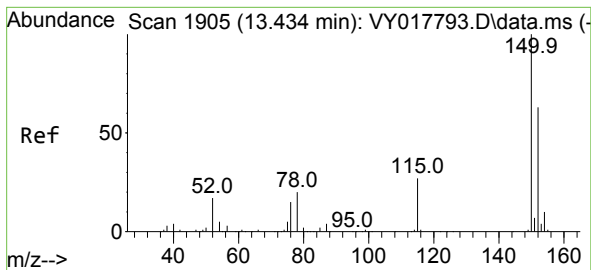
Tgt Ion: 95 Resp: 102740
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 91.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017828.D
Acq: 03 Apr 2024 11:48

Tgt Ion: 117 Resp: 302967
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY017828.D

Acq: 03 Apr 2024 11:48

Instrument :

MSVOA_Y

ClientSampleId :

RBR21147

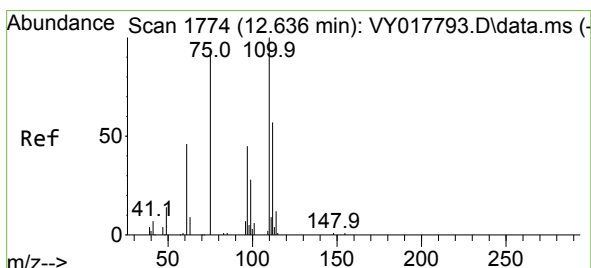
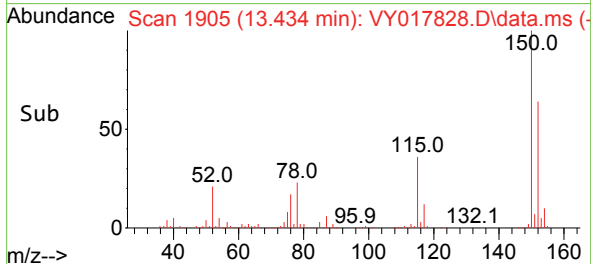
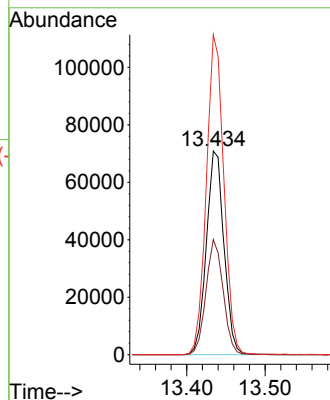
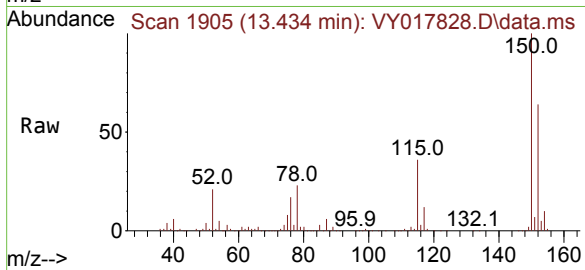
Tgt Ion:152 Resp: 110568

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 155.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 54.749 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.147 min

Lab File: VY017828.D

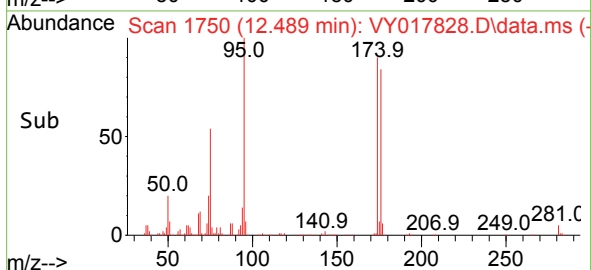
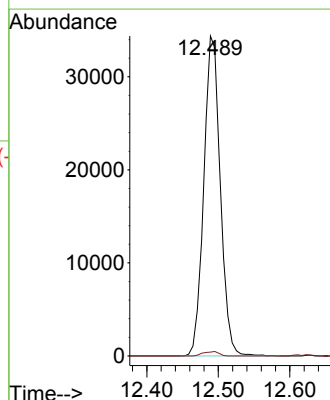
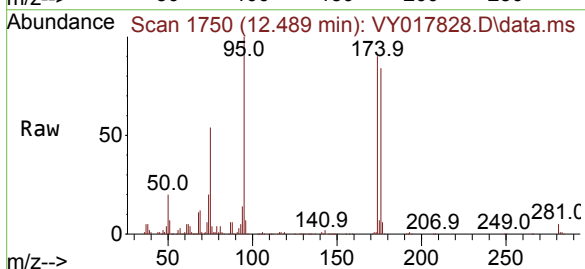
Acq: 03 Apr 2024 11:48

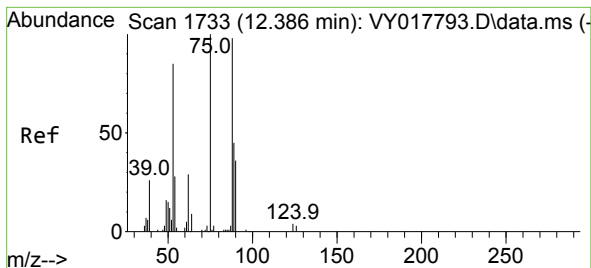
Tgt Ion: 75 Resp: 55163

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

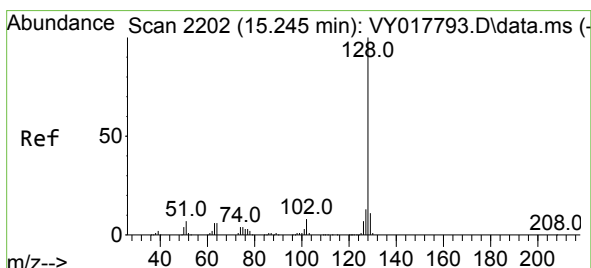
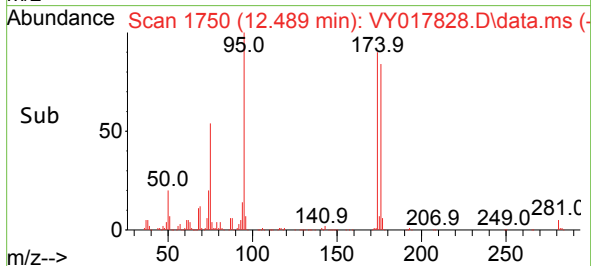
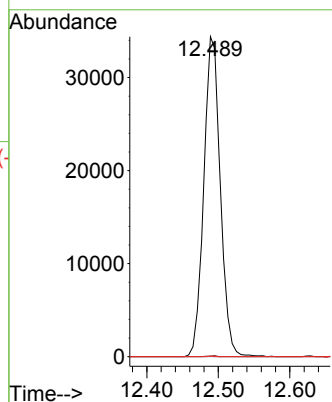
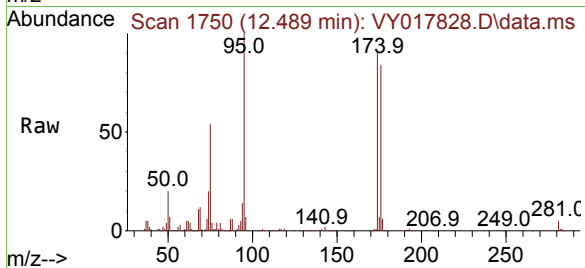




#81
trans-1,4-Dichloro-2-butene
Concen: 106.814 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY017828.D
Acq: 03 Apr 2024 11:48

Instrument :
MSVOA_Y
ClientSampleId :
RBR21147

Tgt Ion: 75 Resp: 55163
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.094 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY017828.D
Acq: 03 Apr 2024 11:48

Tgt Ion: 128 Resp: 851
Ion Ratio Lower Upper
128 100
127 3.1 10.6 16.0#
129 3.2 8.6 13.0#

