

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017191.D
 Acq On : 02 Feb 2024 17:59
 Operator : SY/MD
 Sample : P1311-05RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3RE

Quant Time: Feb 02 22:33:17 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)

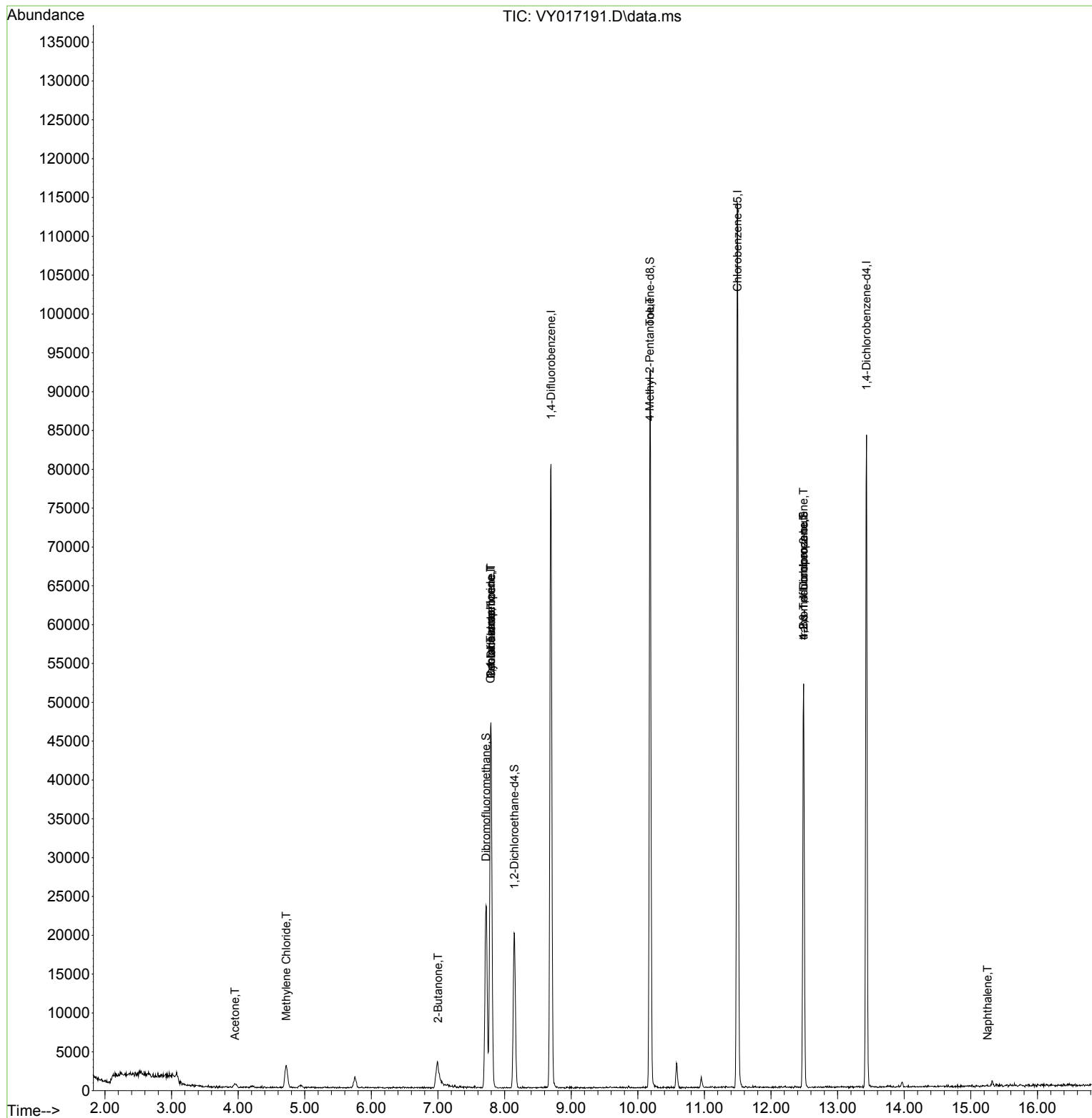
Internal Standards						
1) Pentafluorobenzene	7.795	168	37516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	70212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	64138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	20723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	15396	45.938	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.880%		
35) Dibromofluoromethane	7.722	113	17644	46.542	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.080%		
50) Toluene-d8	10.185	98	60167	43.591	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.180%		
62) 4-Bromofluorobenzene	12.489	95	15967	35.313	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	70.620%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	132	Below Cal	#	75
16) Acetone	3.954	43	975	9.898	ug/l	95
20) Methylene Chloride	4.722	84	2225	2.163	ug/l	94
25) 2-Butanone	7.002	43	436	3.330	ug/l #	48
31) Cyclohexane	7.795	56	988	1.463	ug/l #	58
36) 1,1-Dichloropropene	7.795	75	3311	5.063	ug/l #	46
38) Carbon Tetrachloride	7.789	117	3870	6.181	ug/l #	12
51) 4-Methyl-2-Pentanone	10.179	43	301	1.046	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	8537	44.633	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	8537	92.742	ug/l #	12
95) Naphthalene	15.251	128	83	3.564	ug/l #	69

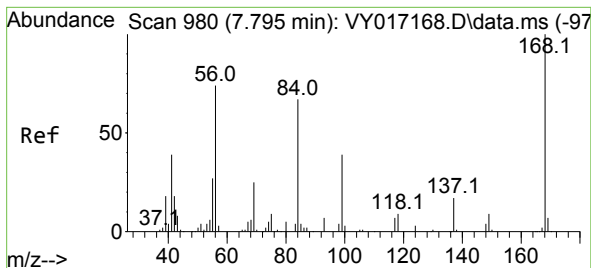
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
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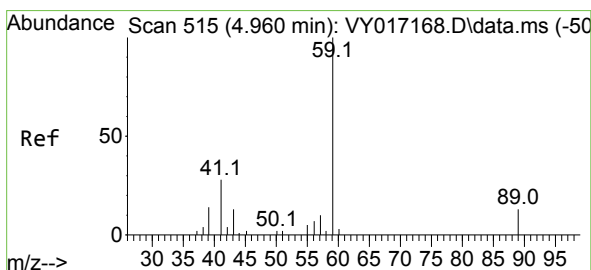
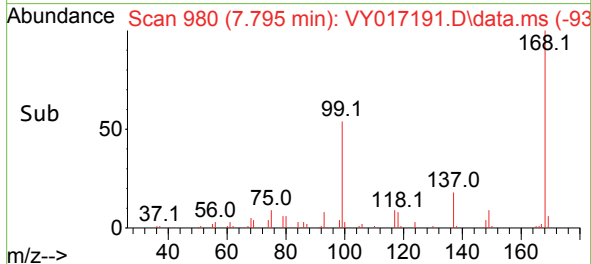
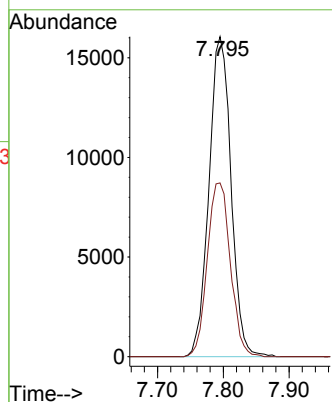
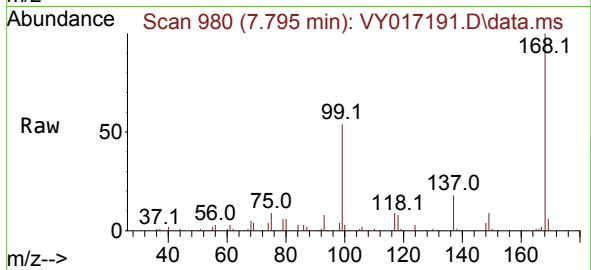




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

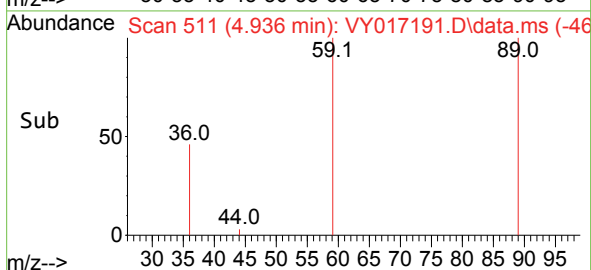
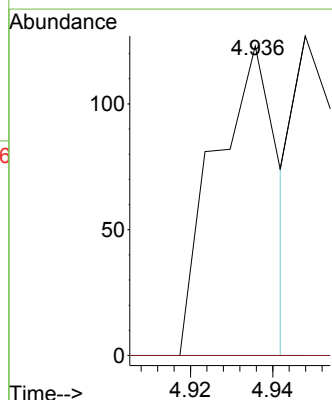
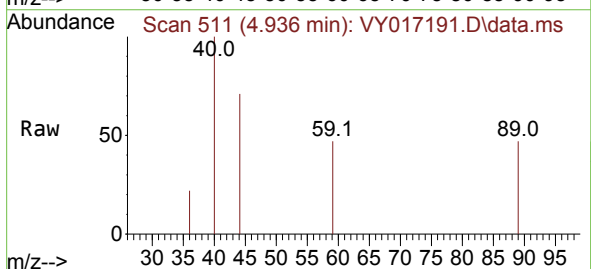
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

Tgt Ion:168 Resp: 37516
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

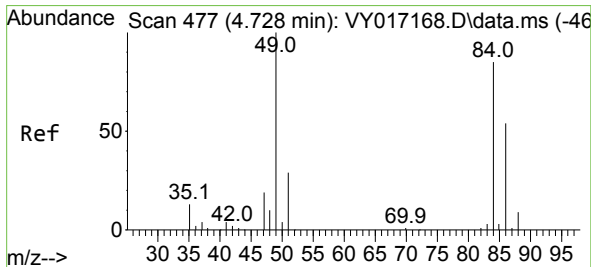
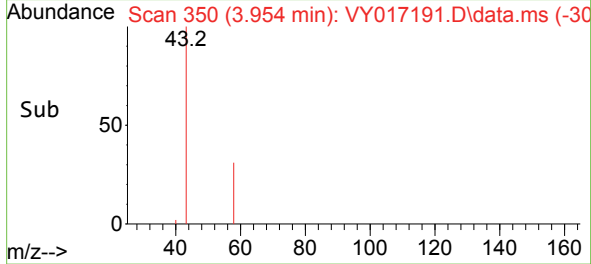
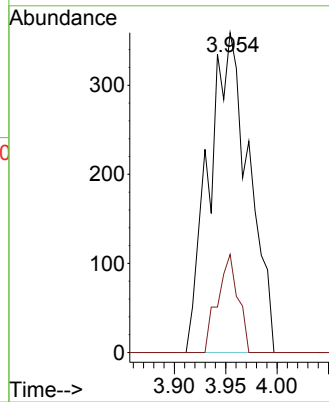
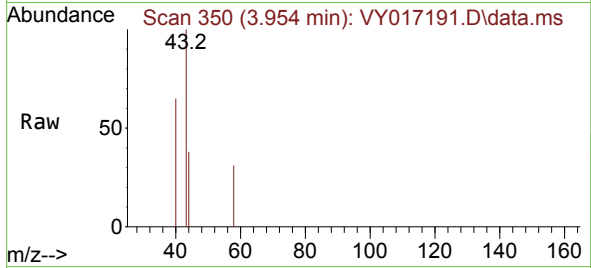




#16
Acetone
Concen: 9.898 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

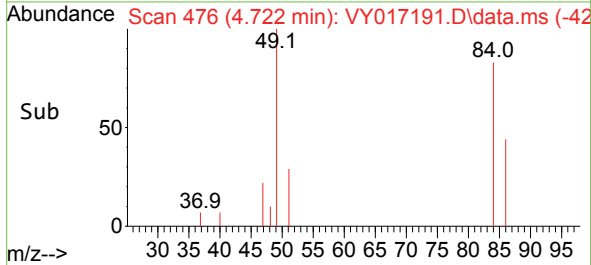
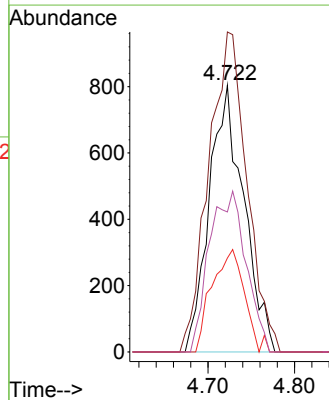
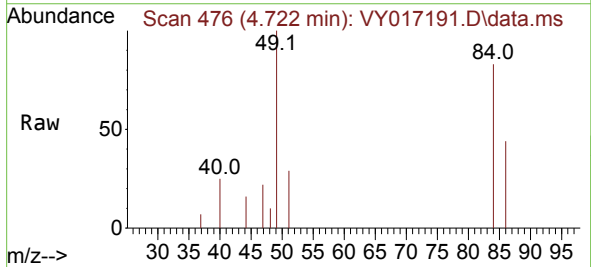
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

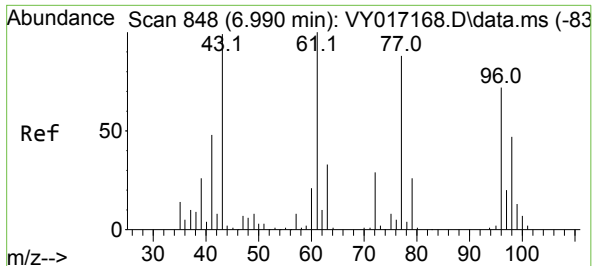
Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 30.6 26.6 39.8



#20
Methylene Chloride
Concen: 2.163 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

Tgt Ion: 84 Resp: 2225
Ion Ratio Lower Upper
84 100
49 120.0 95.2 142.8
51 35.2 29.9 44.9
86 52.5 52.2 78.4

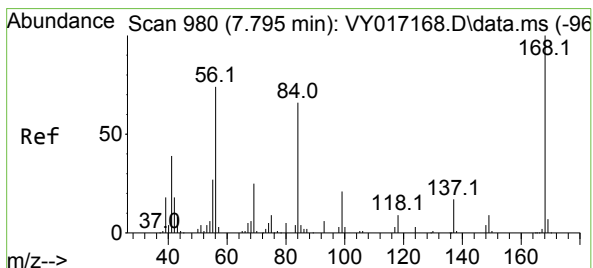
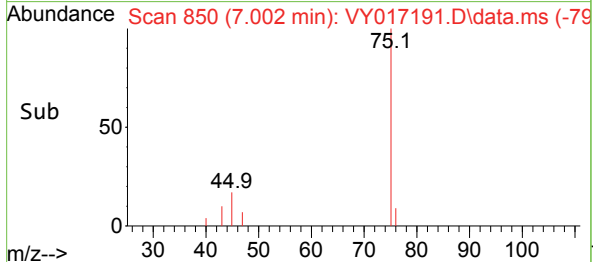
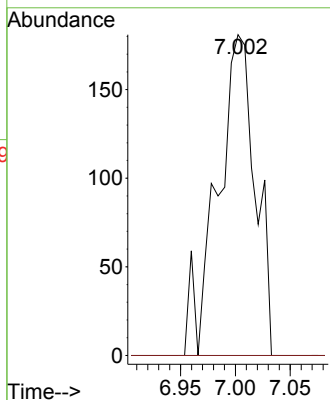
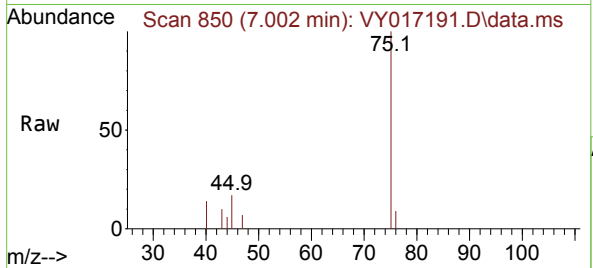




#25
2-Butanone
Concen: 3.330 ug/l
RT: 7.002 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

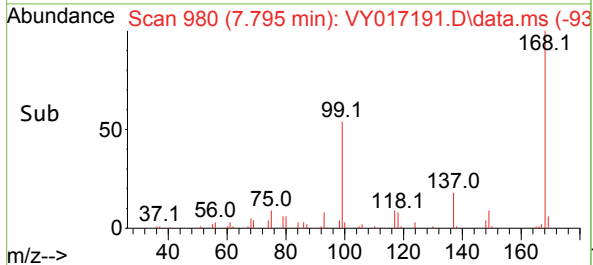
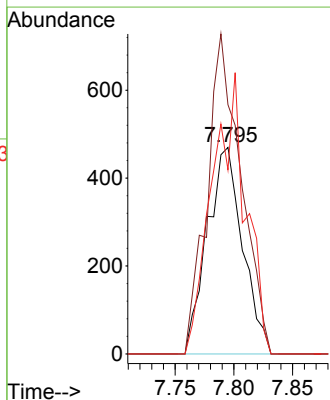
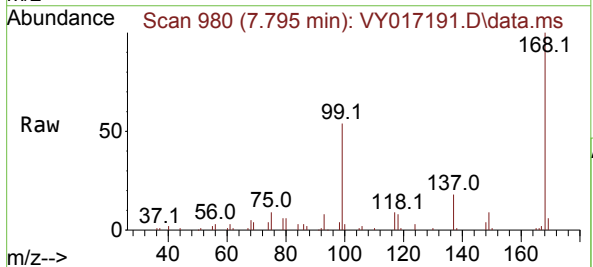
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

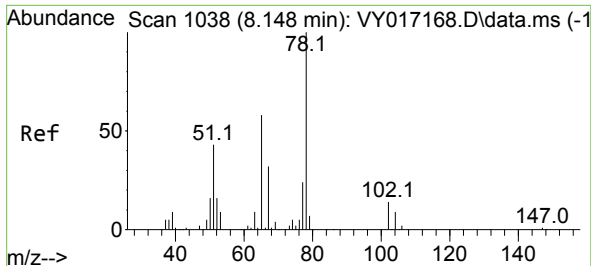
Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#31
Cyclohexane
Concen: 1.463 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

Tgt Ion: 56 Resp: 988
Ion Ratio Lower Upper
56 100
69 120.6 27.0 40.6#
84 89.1 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 45.938 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017191.D

Acq: 02 Feb 2024 17:59

Instrument :

MSVOA_Y

ClientSampleId :

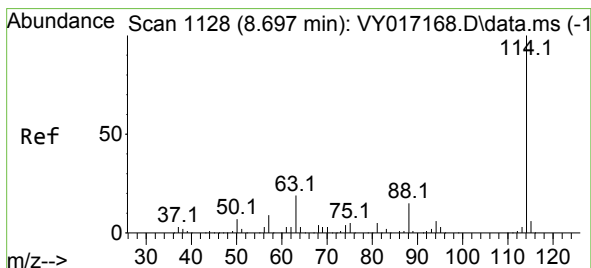
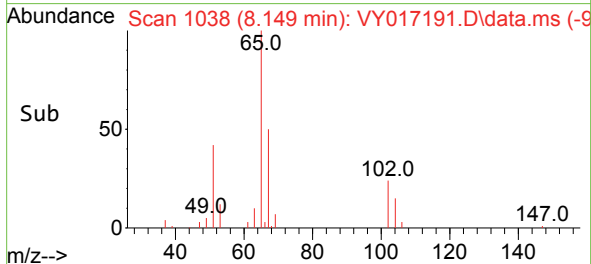
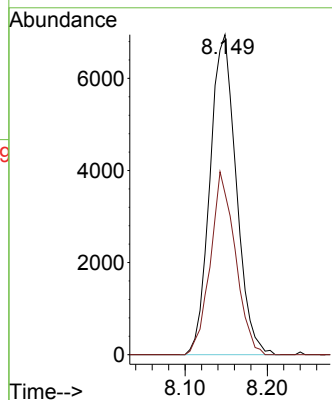
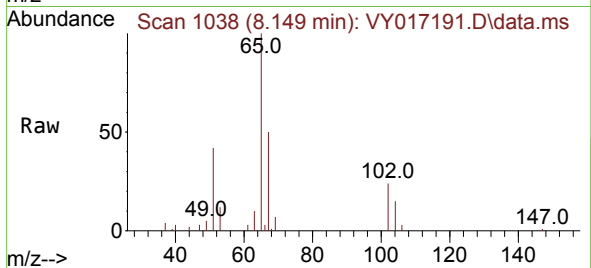
TP-3RE

Tgt Ion: 65 Resp: 15396

Ion Ratio Lower Upper

65 100

67 54.3 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: VY017191.D

Acq: 02 Feb 2024 17:59

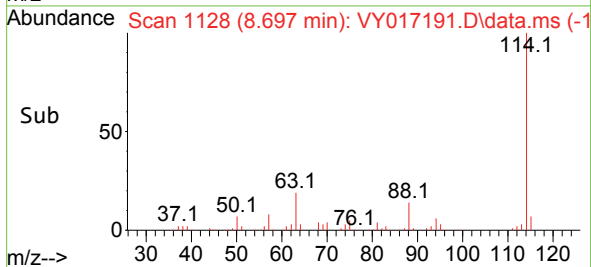
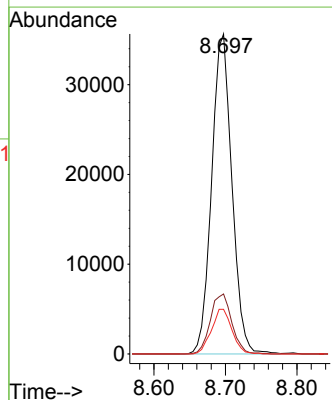
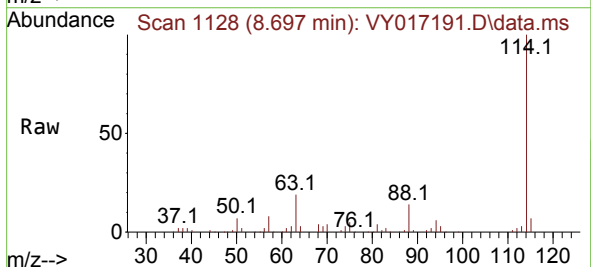
Tgt Ion:114 Resp: 70212

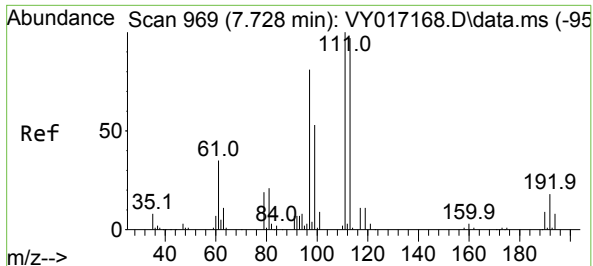
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 14.0 0.0 29.0

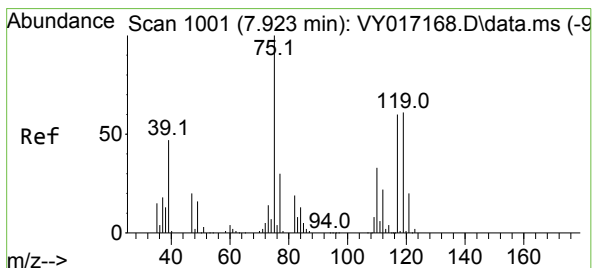
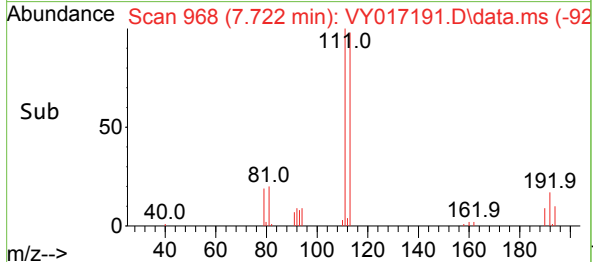
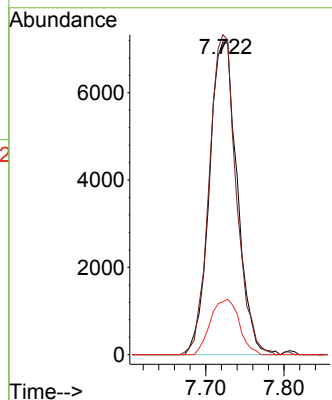
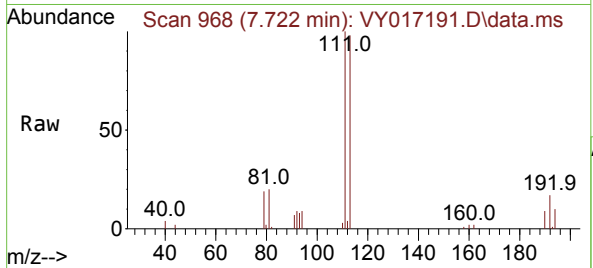




#35
Dibromofluoromethane
Concen: 46.542 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

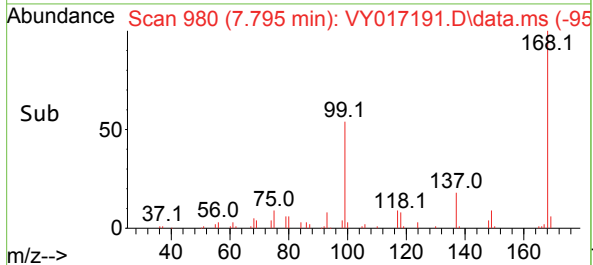
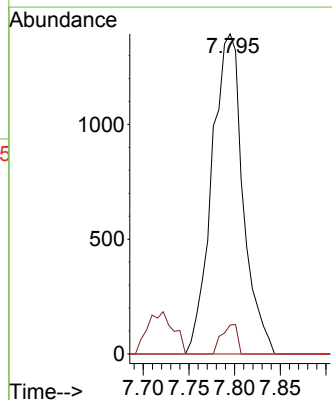
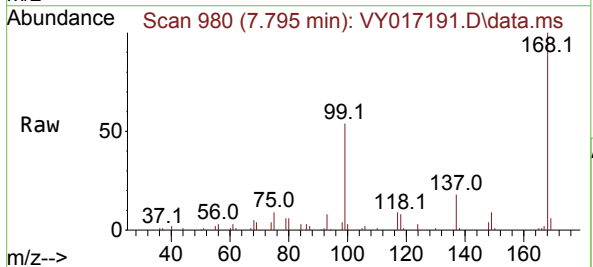
Instrument :
MSVOA_Y
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TP-3RE

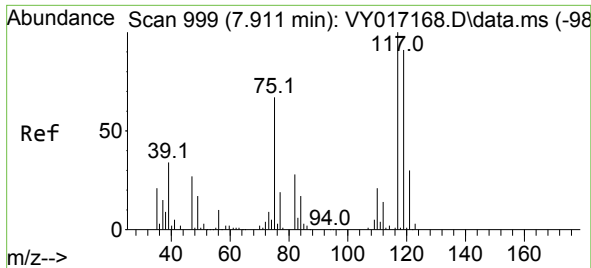
Tgt Ion:113 Resp: 17644
Ion Ratio Lower Upper
113 100
111 99.6 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

Tgt Ion: 75 Resp: 3311
Ion Ratio Lower Upper
75 100
110 4.7 17.4 52.3#
77 0.0 24.7 37.1#

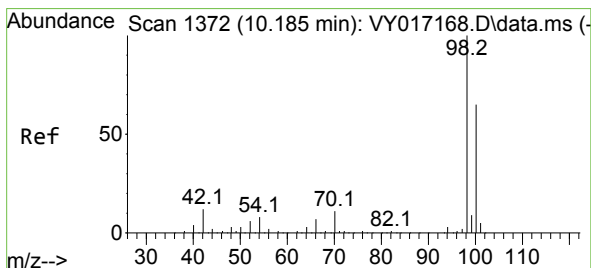
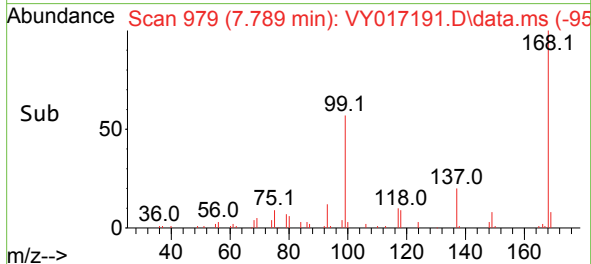
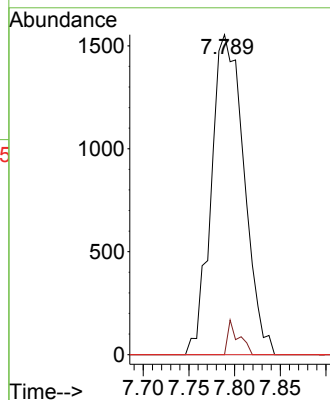
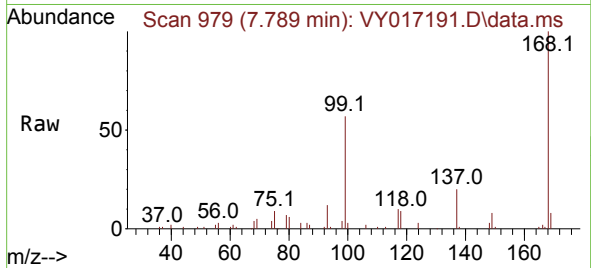




#38
Carbon Tetrachloride
Concen: 6.181 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

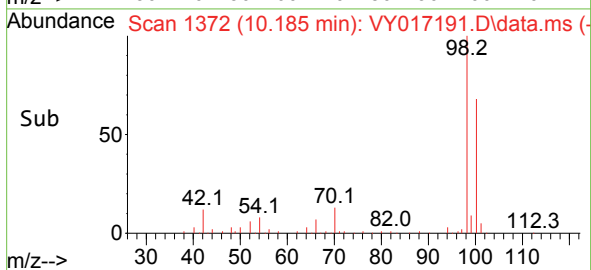
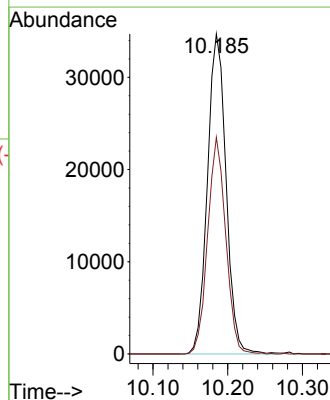
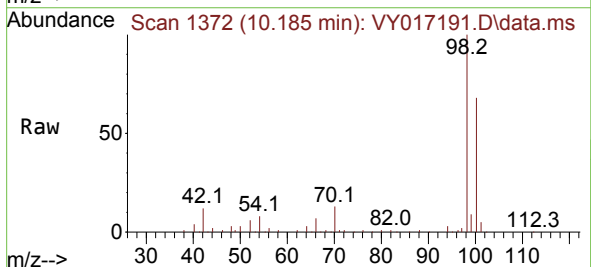
Instrument :
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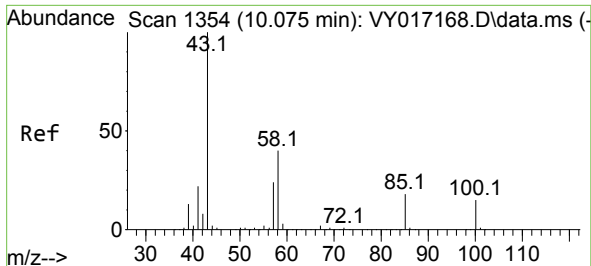
Tgt Ion:117 Resp: 3870
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 43.591 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

Tgt Ion: 98 Resp: 60167
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

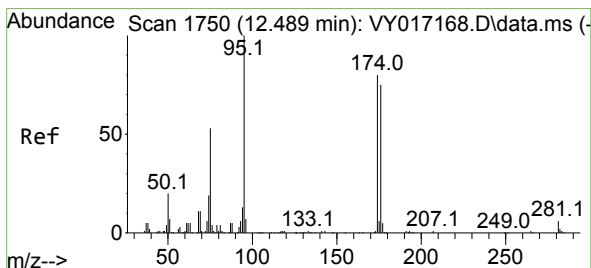
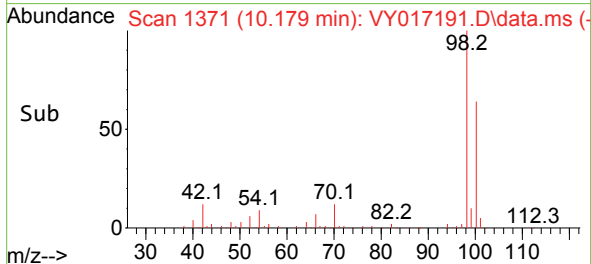
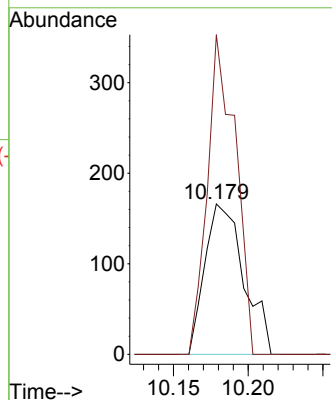
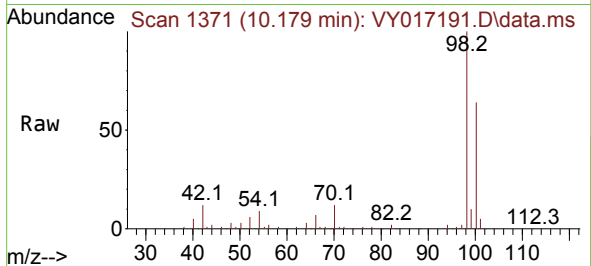




#51
4-Methyl-2-Pentanone
Concen: 1.046 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

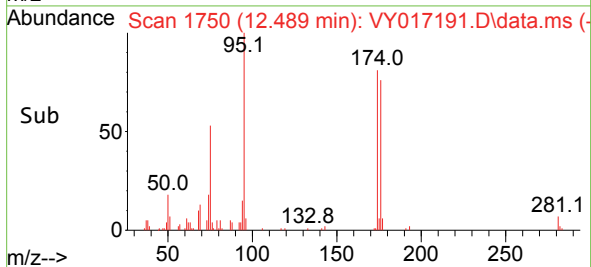
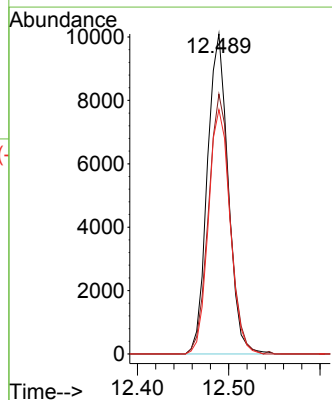
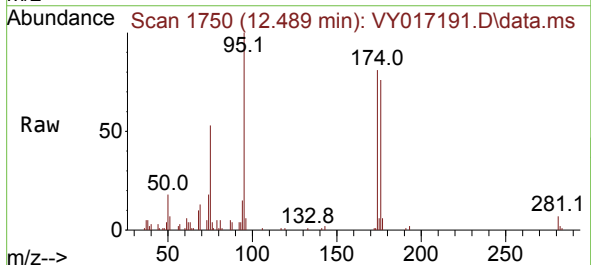
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

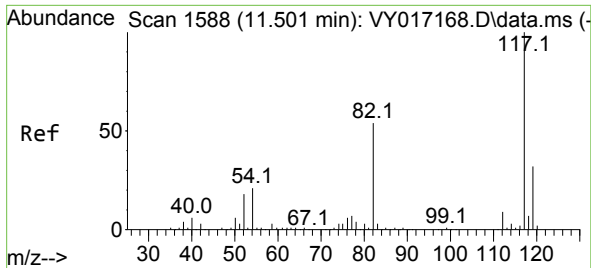
Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
58 153.5 32.2 48.2#



#62
4-Bromofluorobenzene
Concen: 35.313 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

Tgt Ion: 95 Resp: 15967
Ion Ratio Lower Upper
95 100
174 84.4 0.0 160.0
176 79.3 0.0 151.8

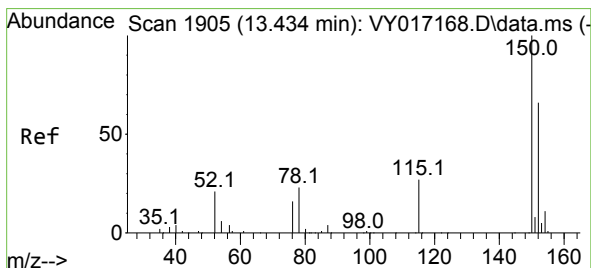
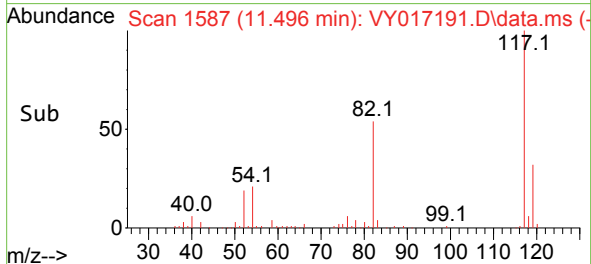
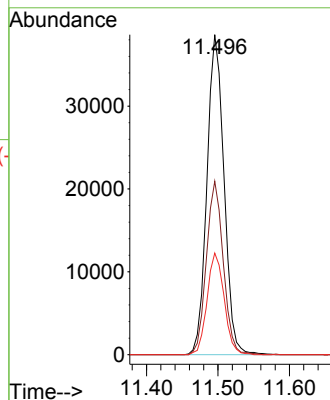
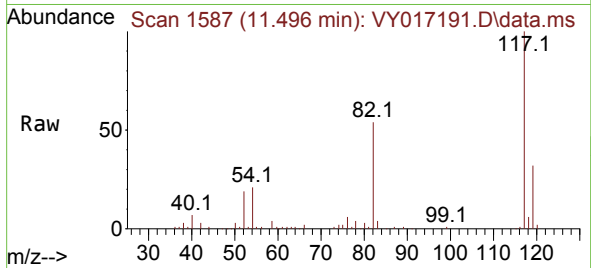




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

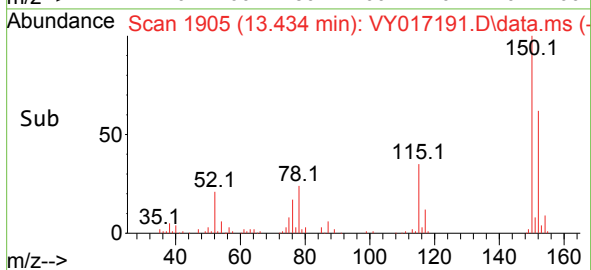
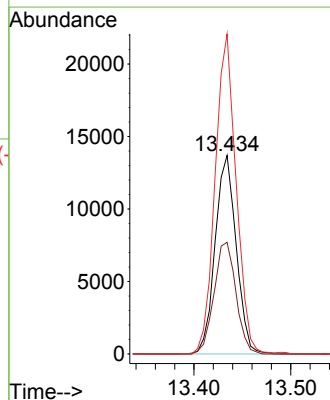
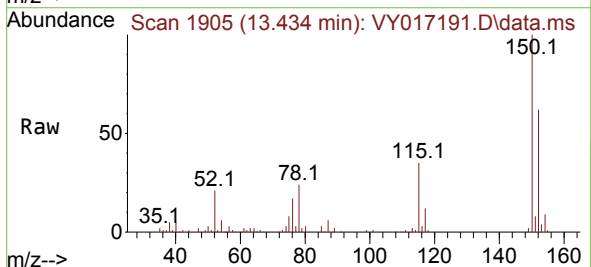
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

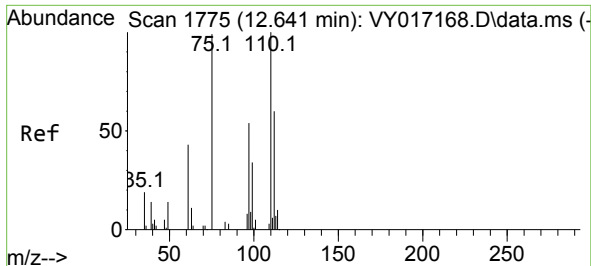
Tgt Ion:117 Resp: 64138
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.8
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

Tgt Ion:152 Resp: 20723
Ion Ratio Lower Upper
152 100
115 58.6 30.0 90.0
150 160.7 0.0 344.6

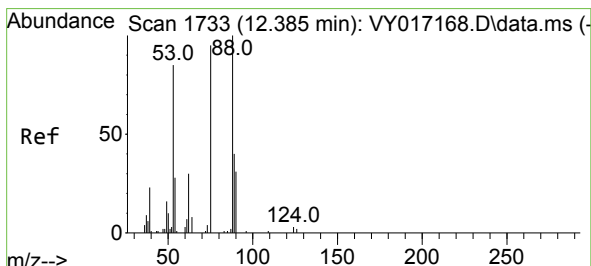
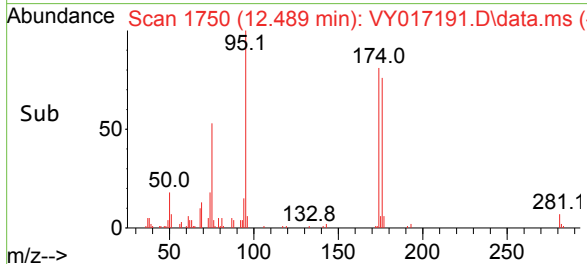
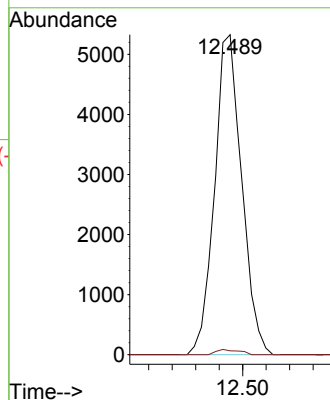
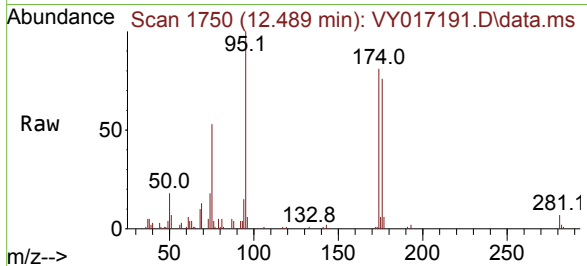




#76
1,2,3-Trichloropropane
Concen: 44.633 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

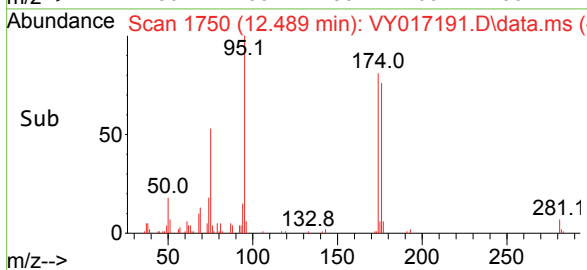
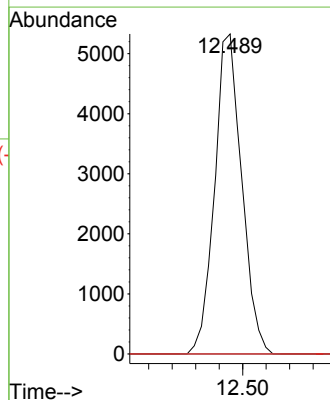
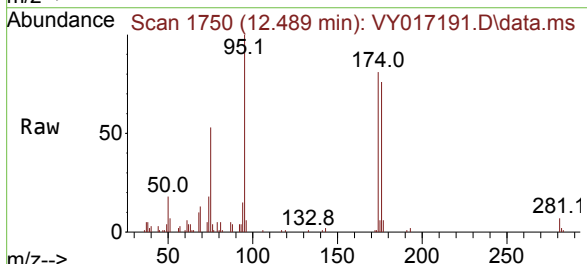
Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

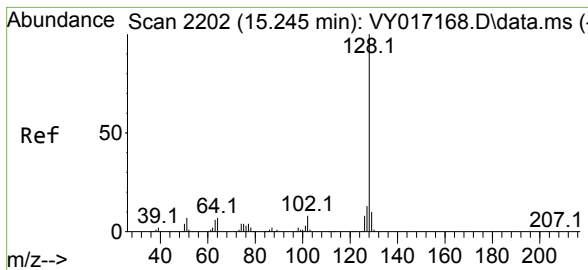
Tgt Ion: 75 Resp: 8537
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.742 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

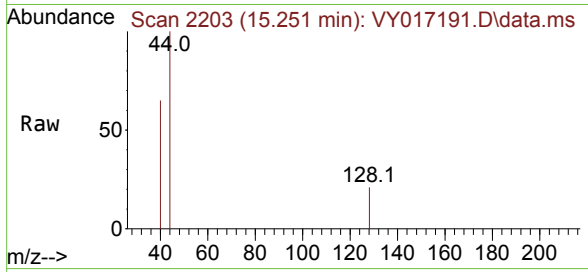
Tgt Ion: 75 Resp: 8537
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.564 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017191.D
Acq: 02 Feb 2024 17:59

Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE



Tgt Ion:128 Resp: 83
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

