

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017889.D
 Acq On : 09 Apr 2024 13:25
 Operator : SY/MD
 Sample : P2022-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-04082024

Quant Time: Apr 10 04:25:44 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)

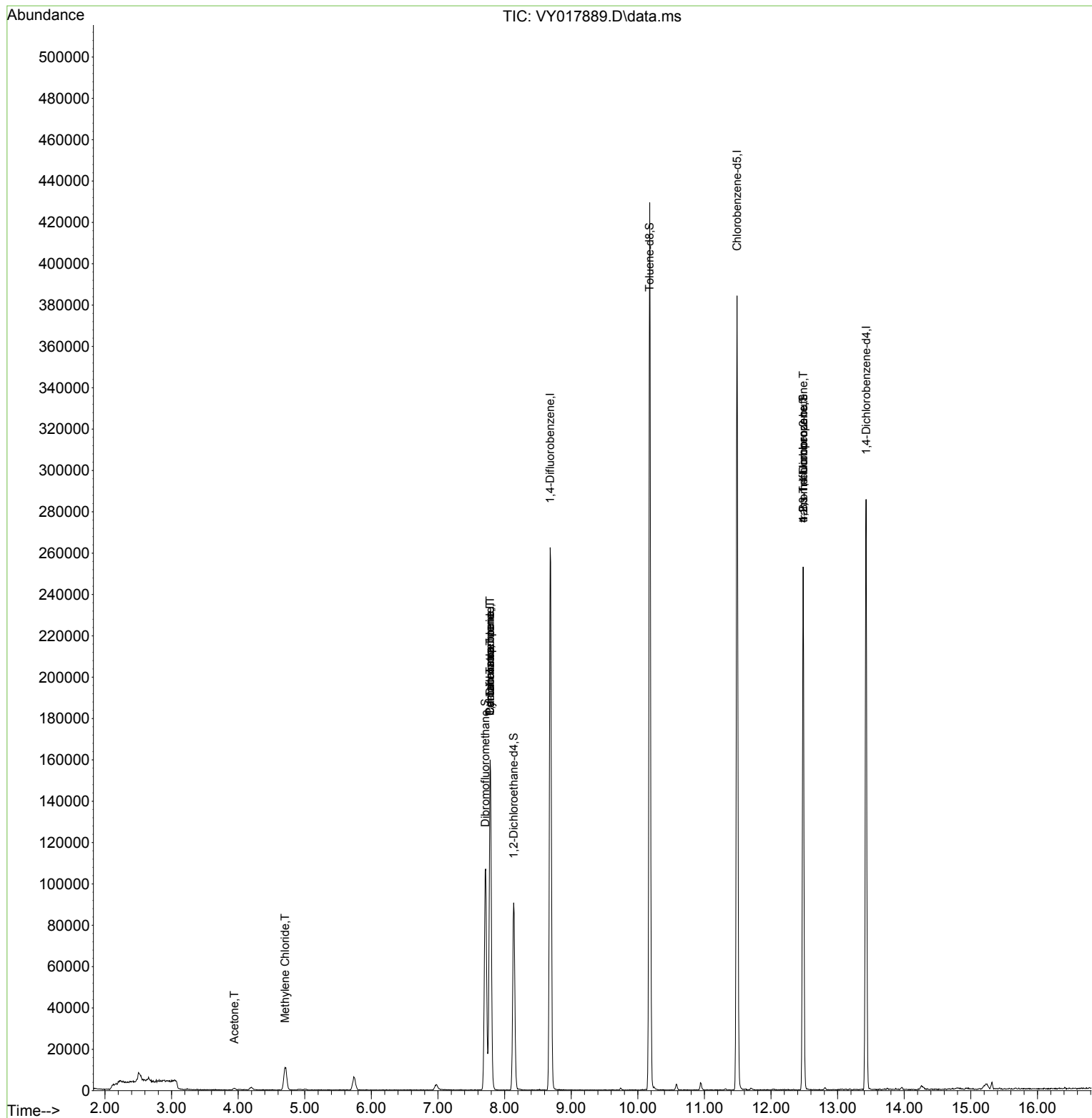
Internal Standards						
1) Pentafluorobenzene	7.783	168	127519	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	237538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	206221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70181	63.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.200%
35) Dibromofluoromethane	7.710	113	76055	55.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.820%
50) Toluene-d8	10.179	98	272218	53.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.180%
62) 4-Bromofluorobenzene	12.483	95	68726	44.056	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.120%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.960	59	114	Below Cal	#	88
16) Acetone	3.942	43	1364	5.980	ug/l #	86
20) Methylene Chloride	4.704	84	8957	3.964	ug/l	96
31) Cyclohexane	7.783	56	2776	1.428	ug/l #	26
36) 1,1-Dichloropropene	7.783	75	9786	4.886	ug/l #	47
38) Carbon Tetrachloride	7.783	117	12162	5.850	ug/l #	17
48) Methyl methacrylate	9.319	41	26	Below Cal	#	7
51) 4-Methyl-2-Pentanone	10.069	43	142	Below Cal	#	31
59) 2-Hexanone	10.953	43	23	Below Cal	#	19
69) o-Xylene	12.026	106	113	Below Cal		64
70) Styrene	12.038	104	142	Below Cal	#	51
74) N-amyl acetate	12.136	43	47	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.483	75	37855	56.480	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37855	109.375	ug/l #	16

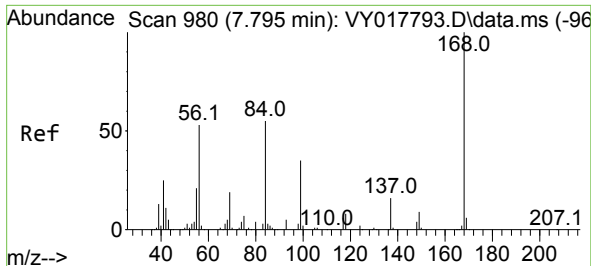
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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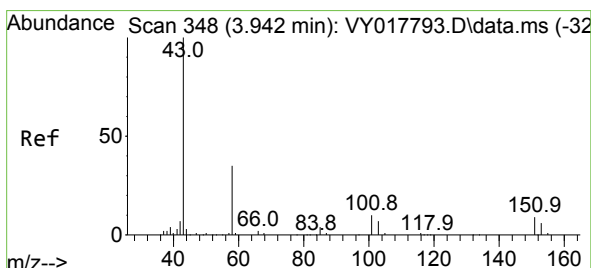
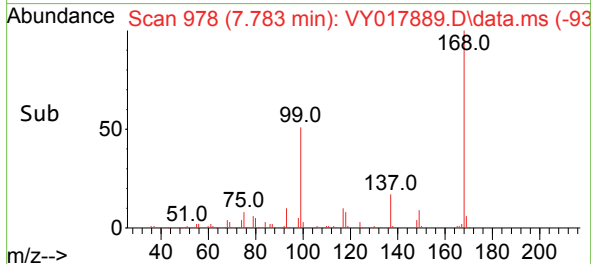
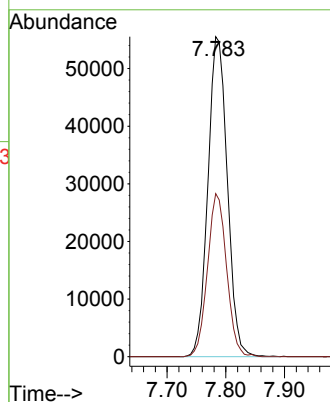
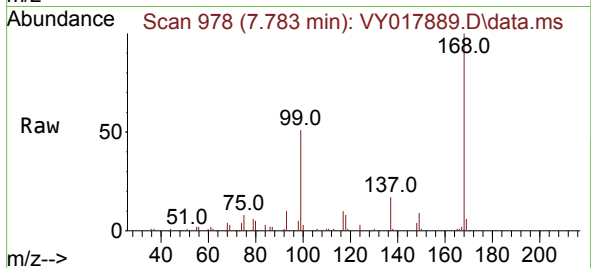




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

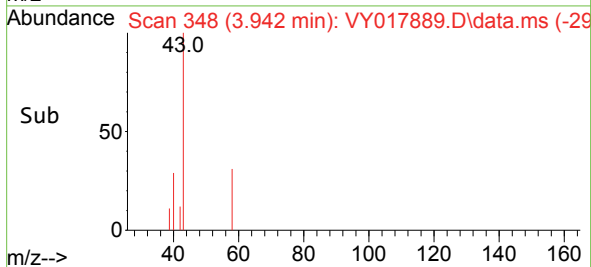
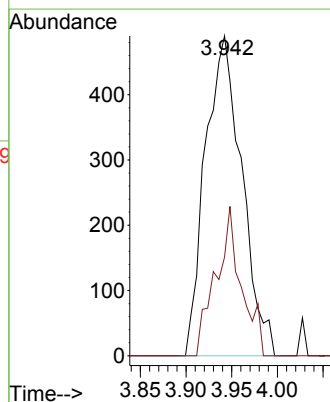
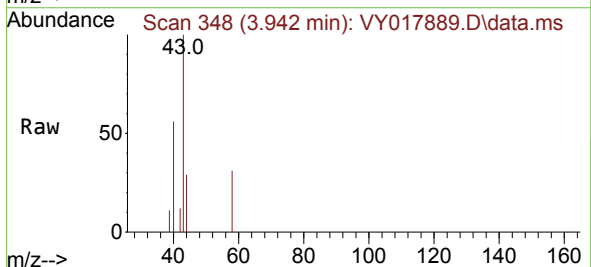
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-04082024

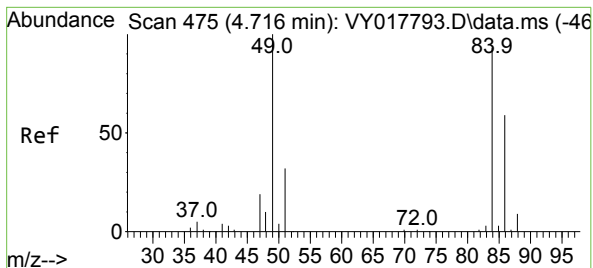
Tgt Ion:168 Resp: 127519
Ion Ratio Lower Upper
168 100
99 50.9 39.1 58.7



#16
Acetone
Concen: 5.980 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

Tgt Ion: 43 Resp: 1364
Ion Ratio Lower Upper
43 100
58 30.8 31.7 47.5#





#20

Methylene Chloride

Concen: 3.964 ug/l

RT: 4.704 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY017889.D

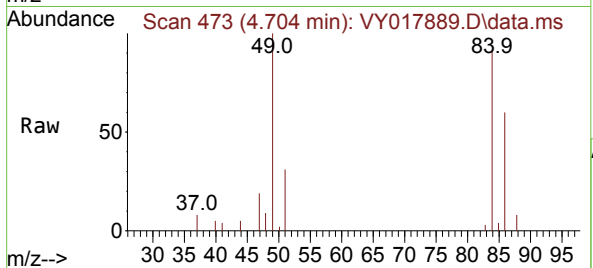
Acq: 09 Apr 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-04082024



Tgt Ion: 84 Resp: 8957

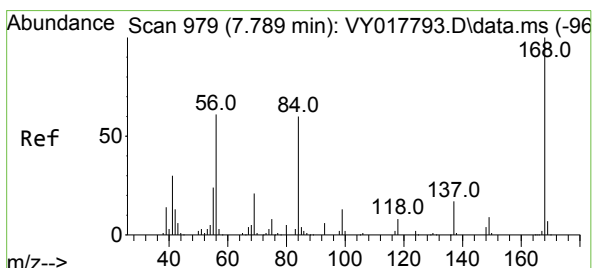
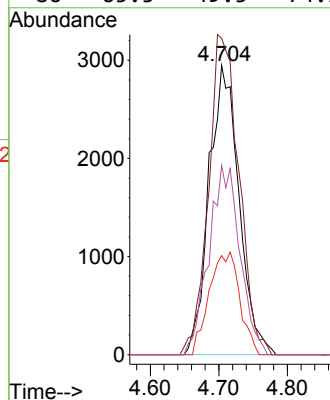
Ion Ratio Lower Upper

84 100

49 109.5 84.4 126.6

51 34.3 26.0 39.0

86 65.5 49.5 74.3



#31

Cyclohexane

Concen: 1.428 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY017889.D

Acq: 09 Apr 2024 13:25

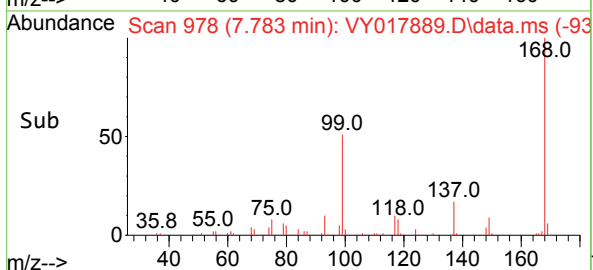
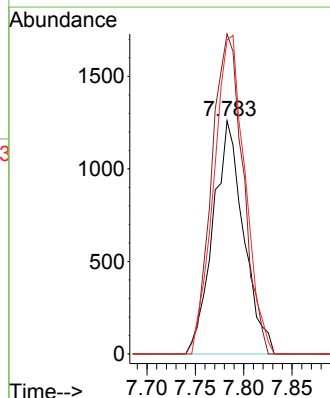
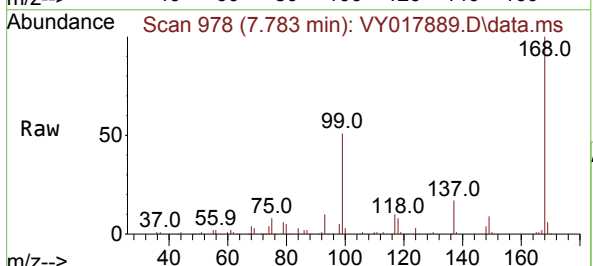
Tgt Ion: 56 Resp: 2776

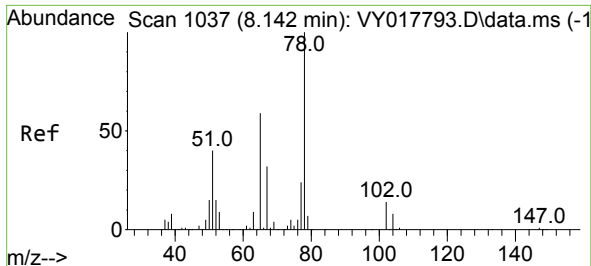
Ion Ratio Lower Upper

56 100

69 137.2 28.7 43.1#

84 134.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 63.600 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017889.D

Acq: 09 Apr 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

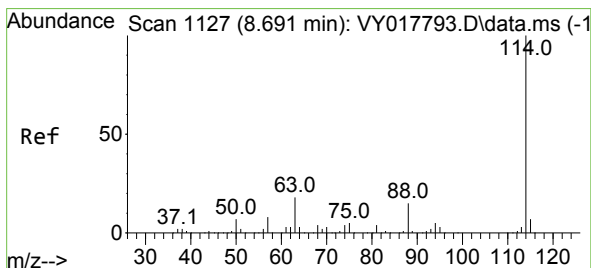
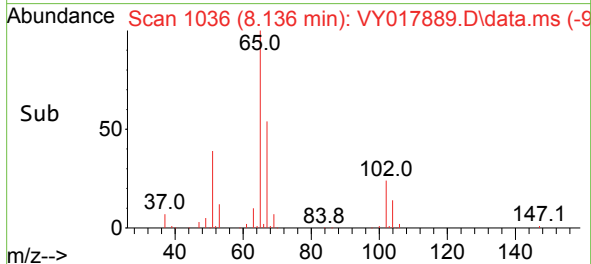
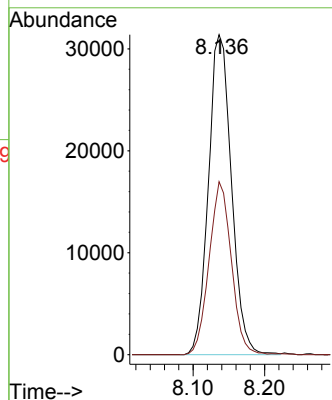
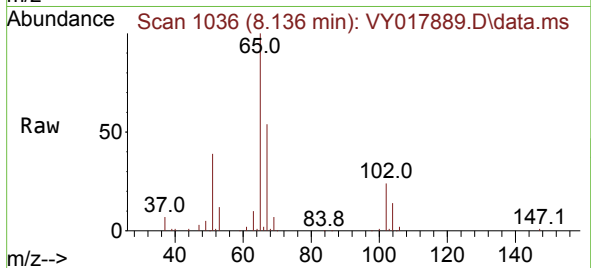
SU-03-04082024

Tgt Ion: 65 Resp: 70181

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017889.D

Acq: 09 Apr 2024 13:25

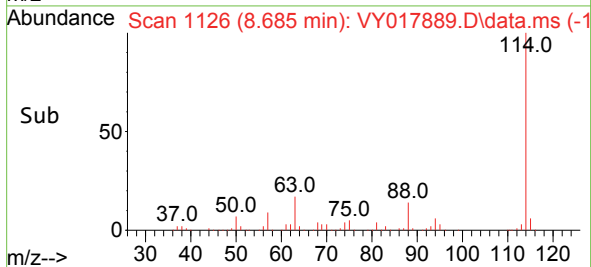
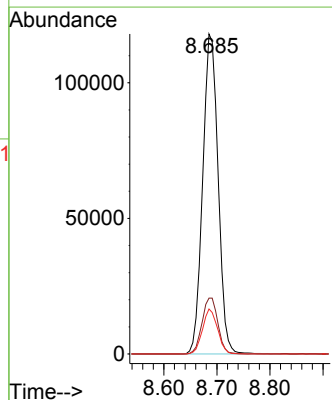
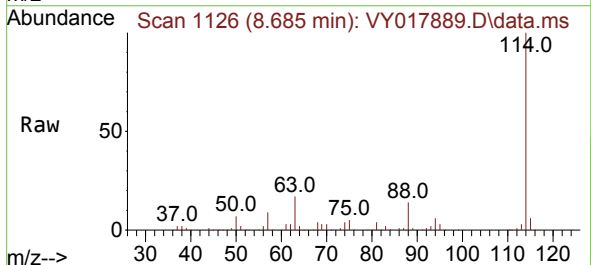
Tgt Ion: 114 Resp: 237538

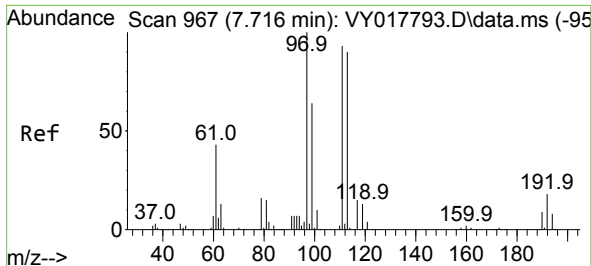
Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.1 0.0 27.2

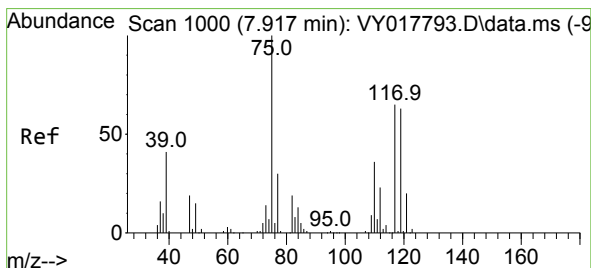
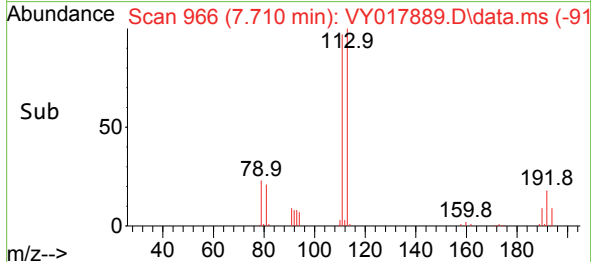
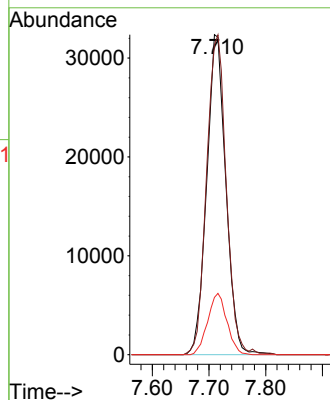
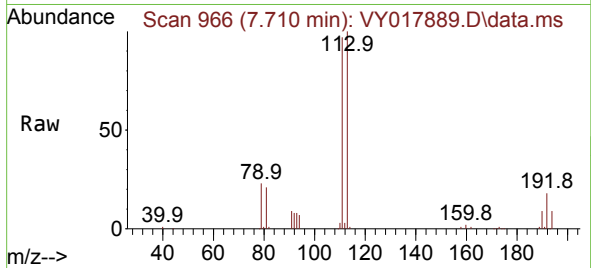




#35
Dibromofluoromethane
Concen: 55.409 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

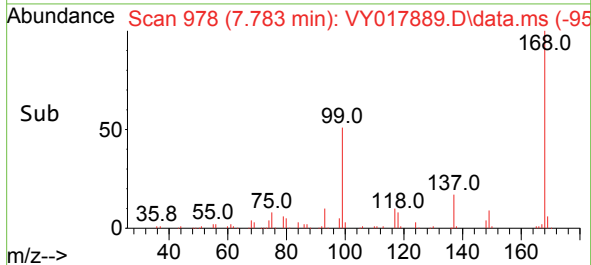
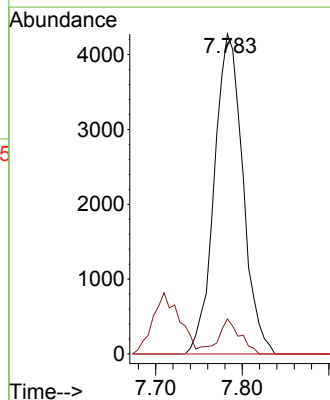
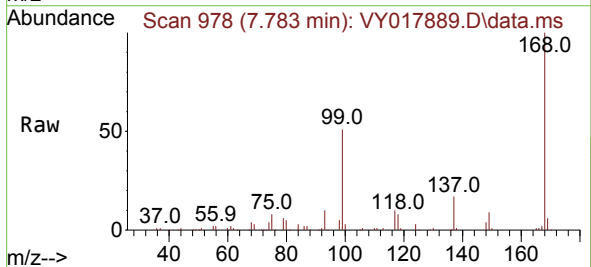
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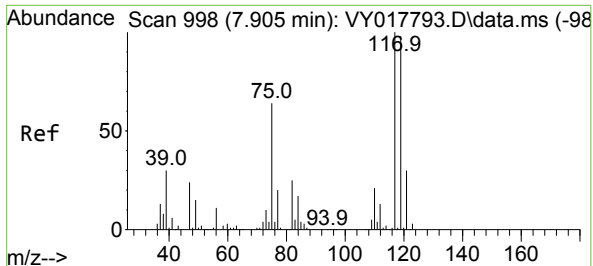
Tgt Ion:113 Resp: 76055
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.886 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

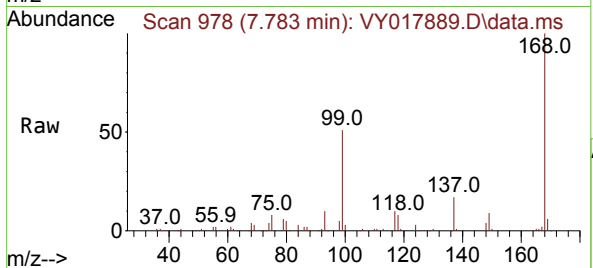
Tgt Ion: 75 Resp: 9786
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#



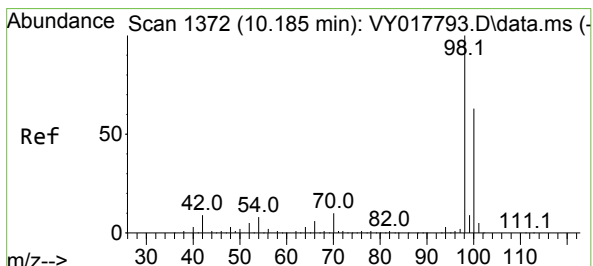
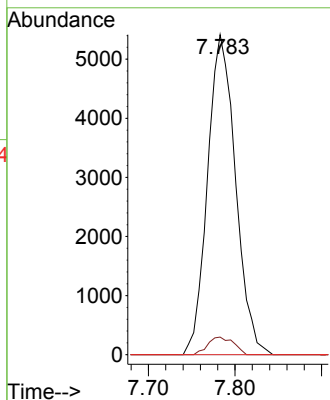
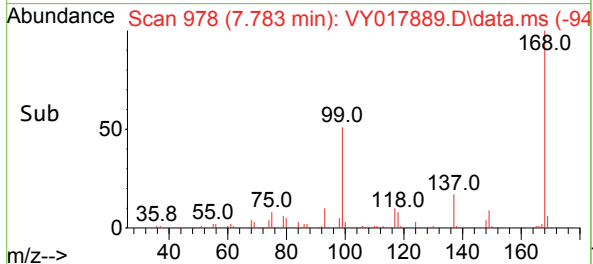


#38
Carbon Tetrachloride
Concen: 5.850 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

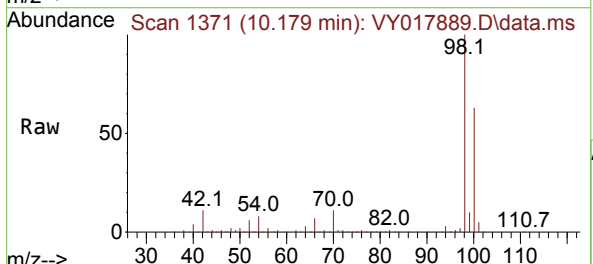
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-04082024



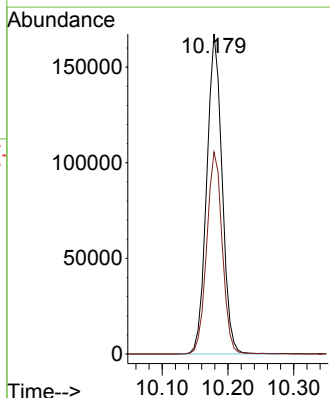
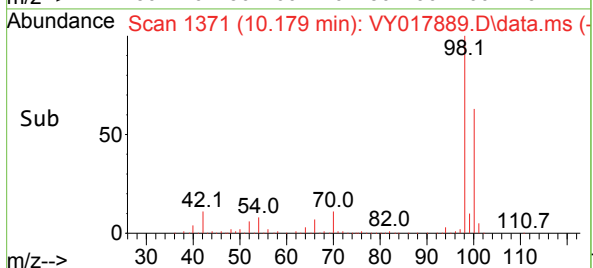
Tgt Ion:117 Resp: 12162
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#

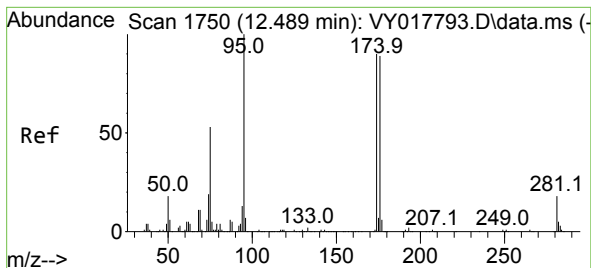


#50
Toluene-d8
Concen: 53.092 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25



Tgt Ion: 98 Resp: 272218
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

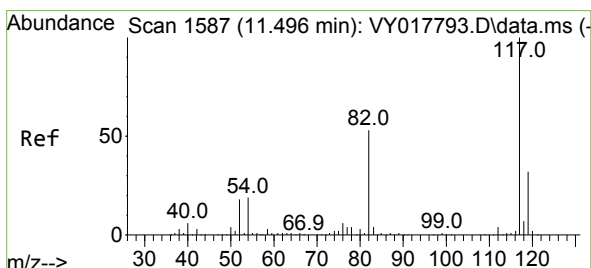
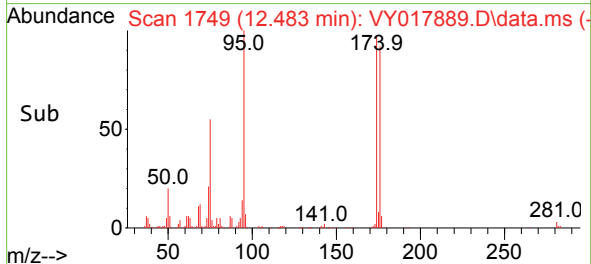
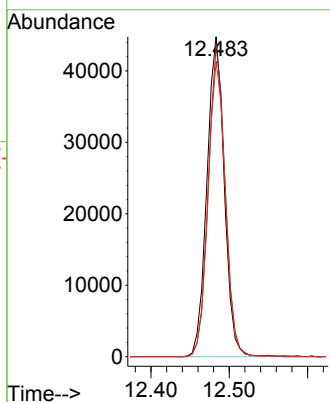
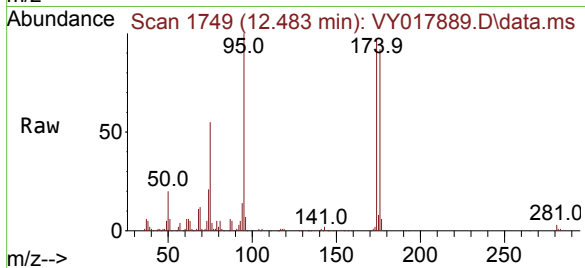




#62
4-Bromofluorobenzene
Concen: 44.056 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

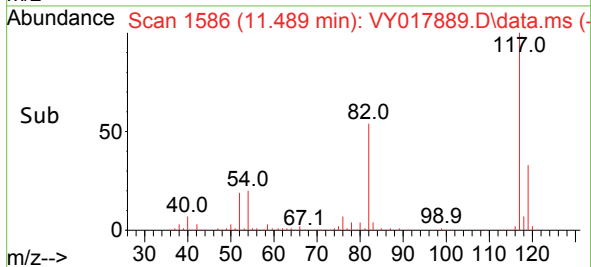
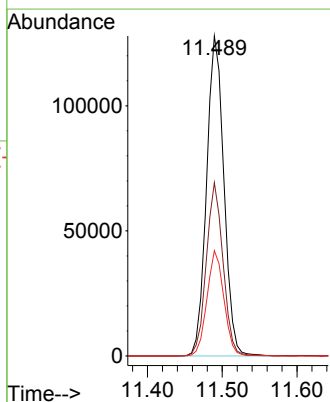
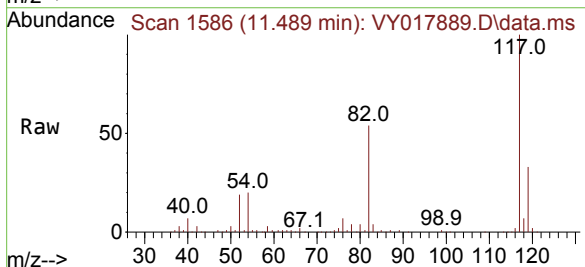
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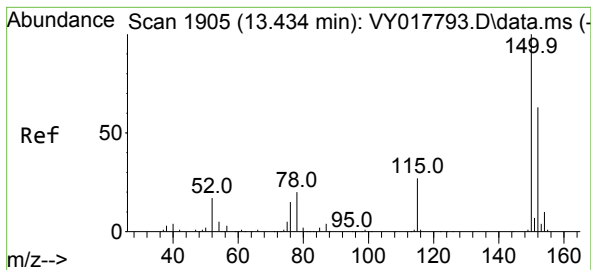
Tgt Ion: 95 Resp: 68726
Ion Ratio Lower Upper
95 100
174 95.4 0.0 175.6
176 92.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

Tgt Ion: 117 Resp: 206221
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 32.9 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017889.D

Acq: 09 Apr 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-04082024

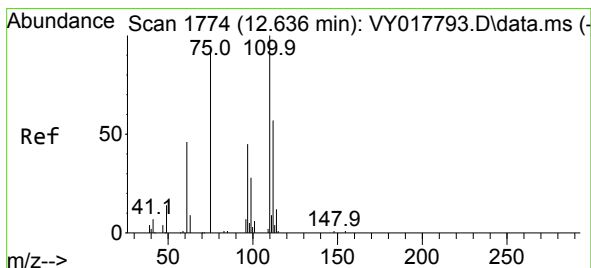
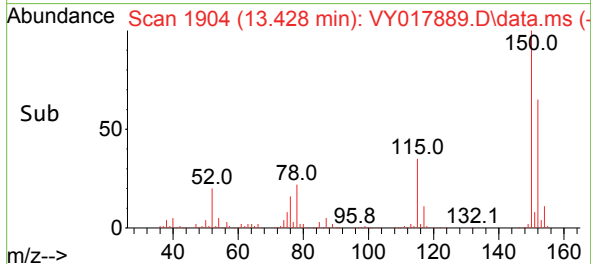
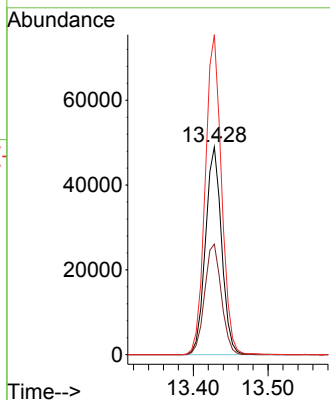
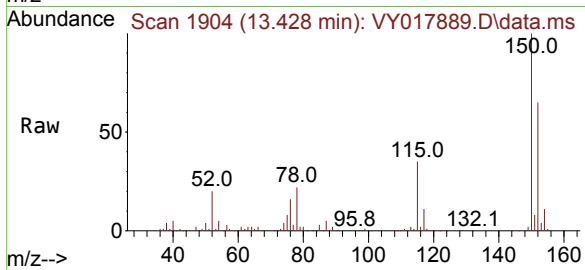
Tgt Ion:152 Resp: 73551

Ion Ratio Lower Upper

152 100

115 55.0 28.2 84.7

150 155.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 56.480 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017889.D

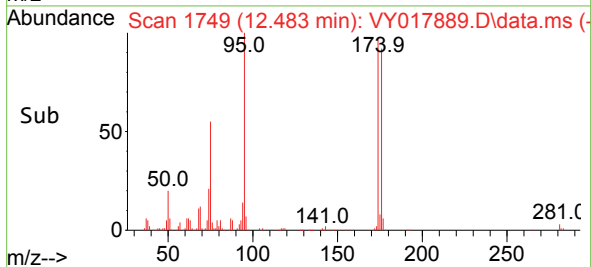
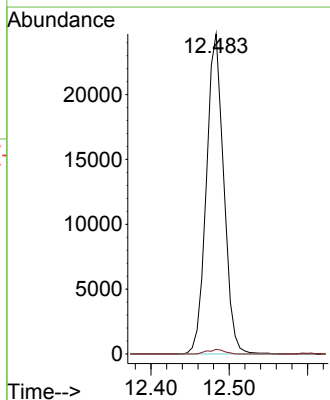
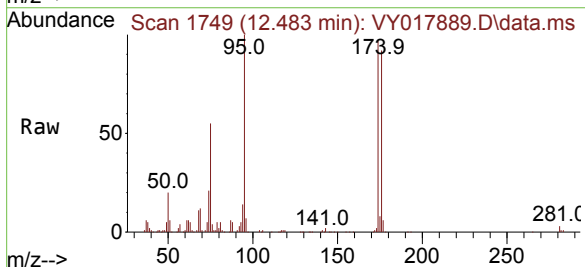
Acq: 09 Apr 2024 13:25

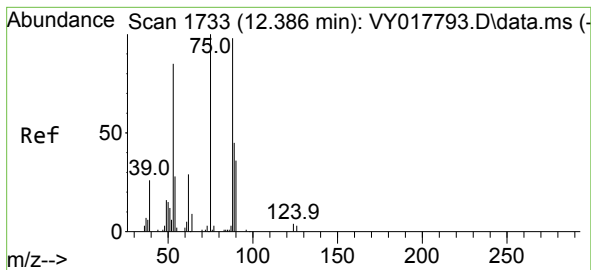
Tgt Ion: 75 Resp: 37855

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.375 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY017889.D
 Acq: 09 Apr 2024 13:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-04082024

Tgt Ion: 75 Resp: 37855
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

