

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022824\
 Data File : VY017519.D
 Acq On : 28 Feb 2024 14:25
 Operator : SY/MD
 Sample : P1610-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-02272024RE

Quant Time: Feb 28 23:13:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

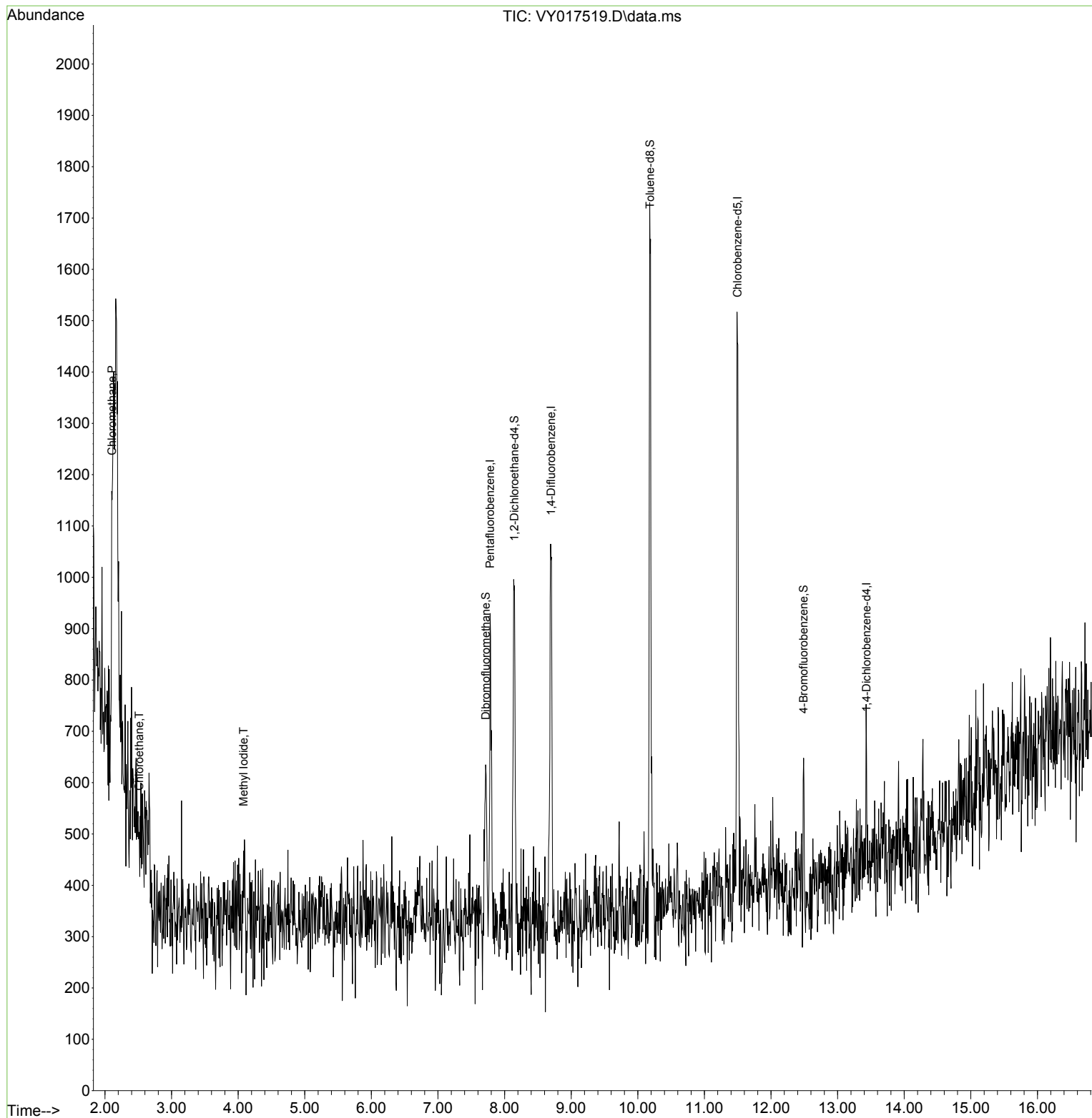
Internal Standards						
1) Pentafluorobenzene	7.783	168	666	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.697	114	1240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	54	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	625	99.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	198.040%#
35) Dibromofluoromethane	7.716	113	297	34.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.740%
50) Toluene-d8	10.185	98	1272	42.104	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.200%
62) 4-Bromofluorobenzene	12.489	95	75	7.899	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	15.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	24	2.674	ug/l #	43
6) Chloroethane	2.516	64	24	3.304	ug/l #	42
10) Methyl Iodide	4.082	142	59	7.787	ug/l #	42

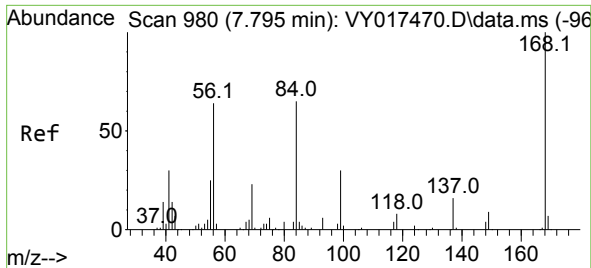
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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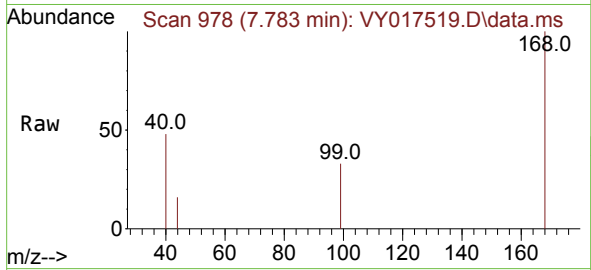
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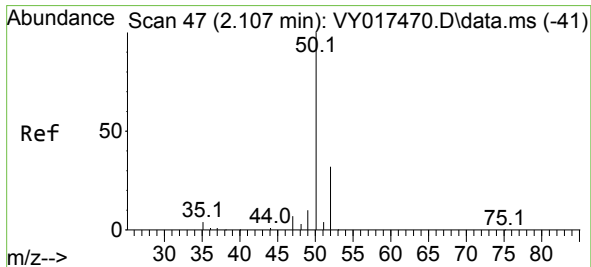
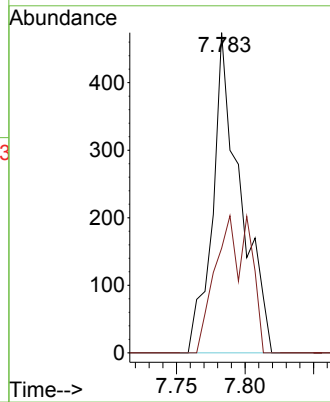
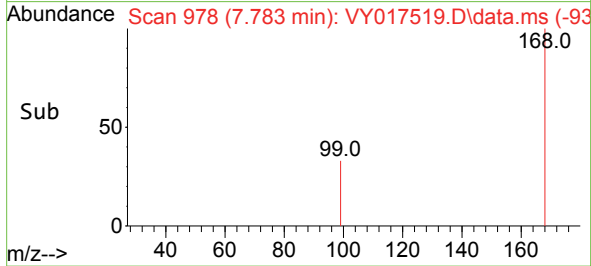


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-02272024RE

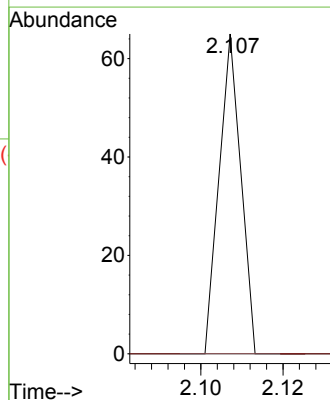
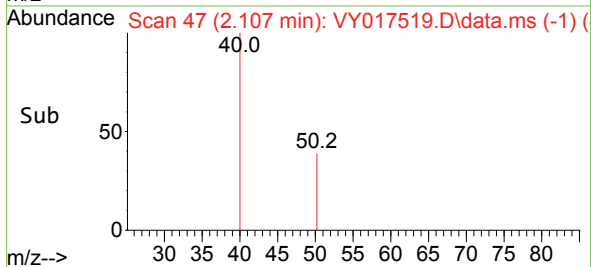
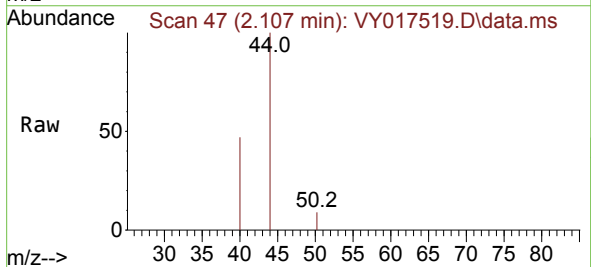


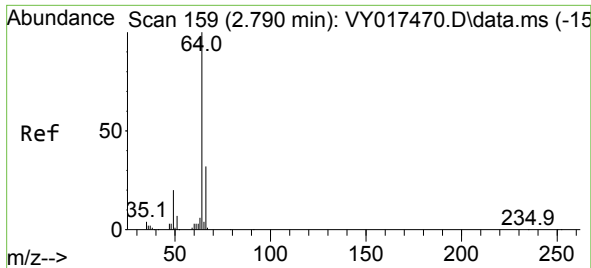
Tgt Ion:168 Resp: 666
Ion Ratio Lower Upper
168 100
99 32.7 39.1 58.7#



#3
Chloromethane
Concen: 2.674 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

Tgt Ion: 50 Resp: 24
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

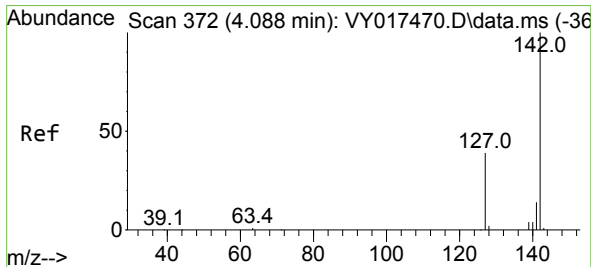
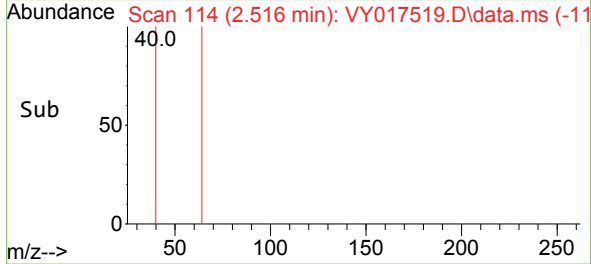
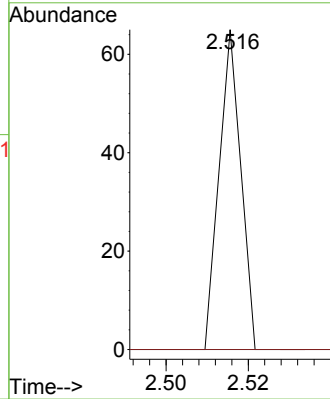
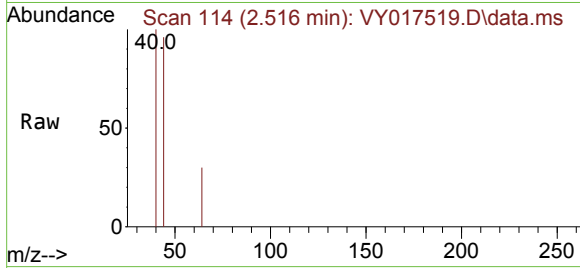




#6
Chloroethane
Concen: 3.304 ug/l
RT: 2.516 min Scan# 114
Delta R.T. -0.274 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

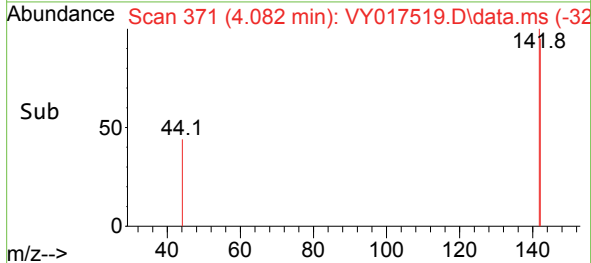
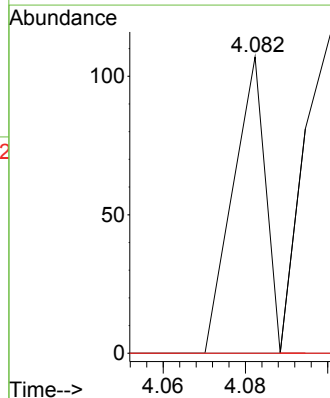
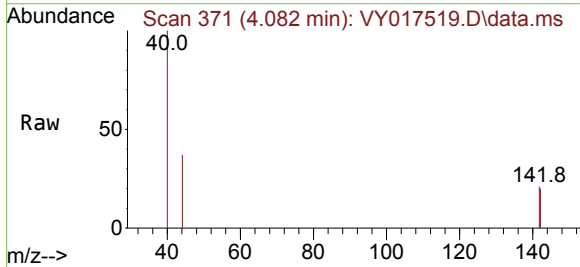
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-02272024RE

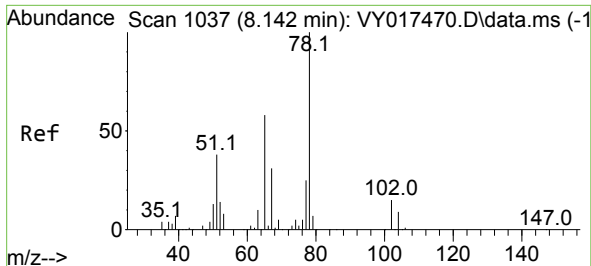
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#10
Methyl Iodide
Concen: 7.787 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

Tgt Ion:142 Resp: 59
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#





#33

1,2-Dichloroethane-d4

Concen: 99.020 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017519.D

Acq: 28 Feb 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :

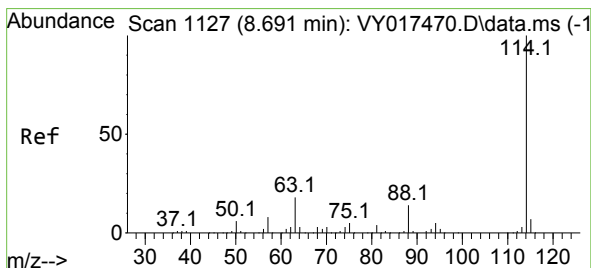
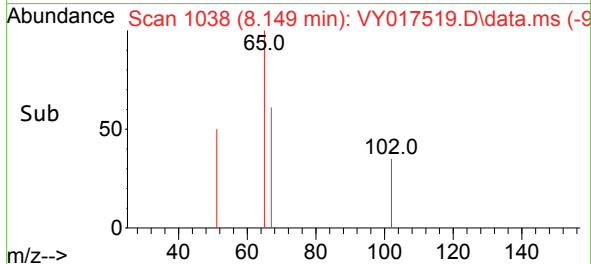
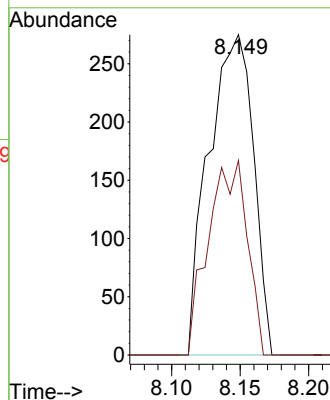
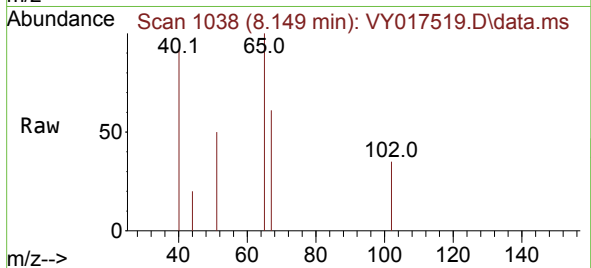
SU-02-02272024RE

Tgt Ion: 65 Resp: 625

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017519.D

Acq: 28 Feb 2024 14:25

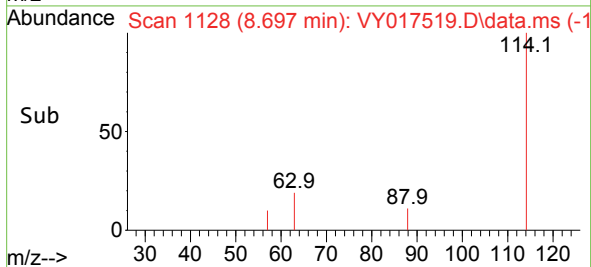
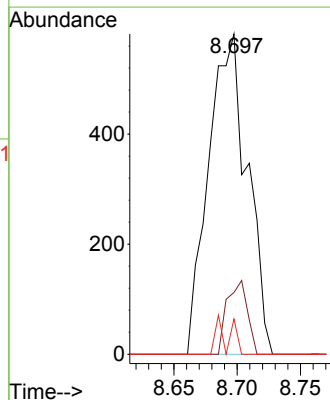
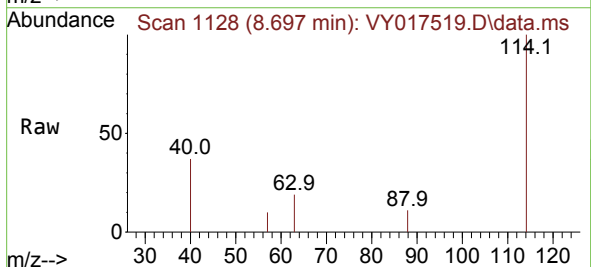
Tgt Ion: 114 Resp: 1240

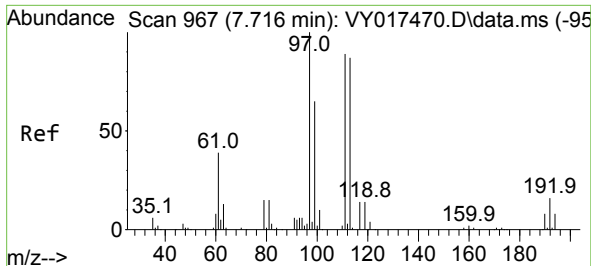
Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

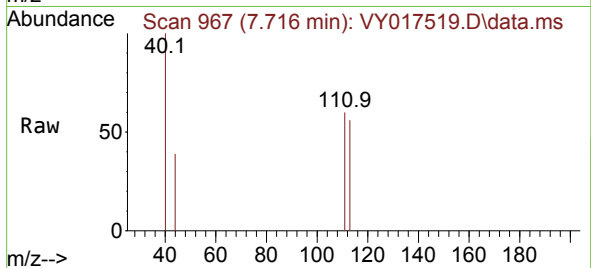
88 11.0 0.0 27.2



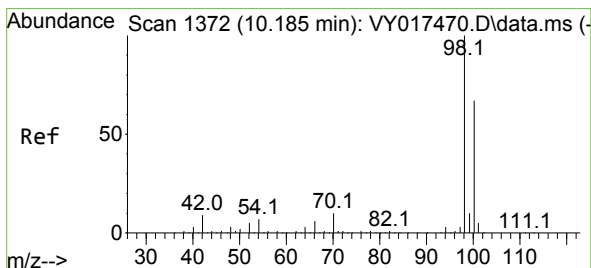
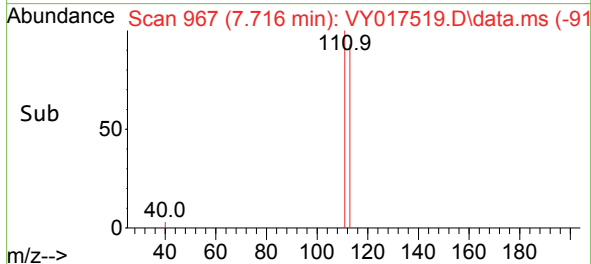
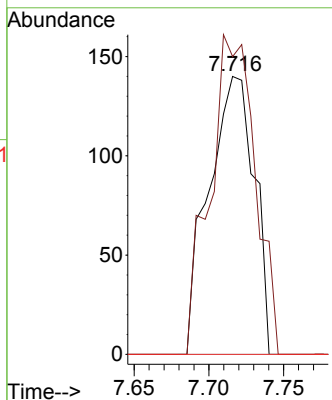


#35
Dibromofluoromethane
Concen: 34.372 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

Instrument :
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SU-02-02272024RE

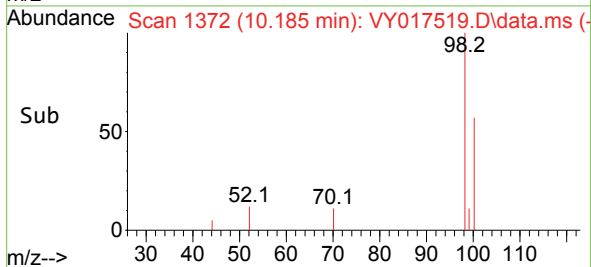
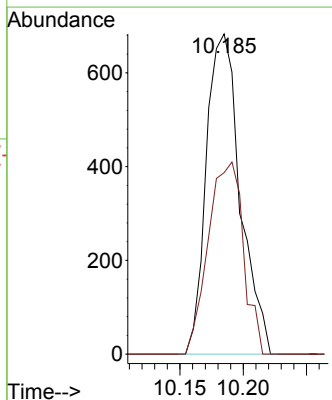
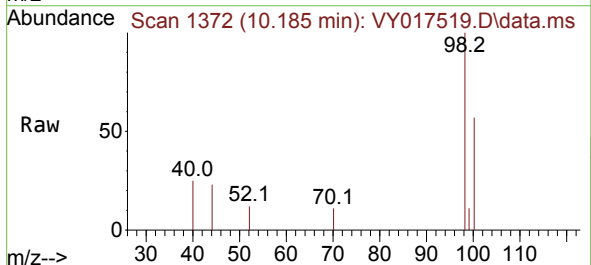


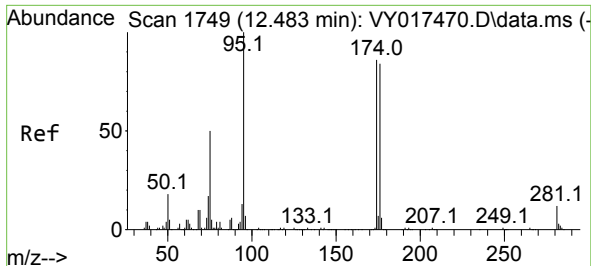
Tgt Ion:113 Resp: 297
Ion Ratio Lower Upper
113 100
111 113.5 82.2 123.4
192 0.0 15.9 23.9#



#50
Toluene-d8
Concen: 42.104 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

Tgt Ion: 98 Resp: 1272
Ion Ratio Lower Upper
98 100
100 62.3 52.0 78.0

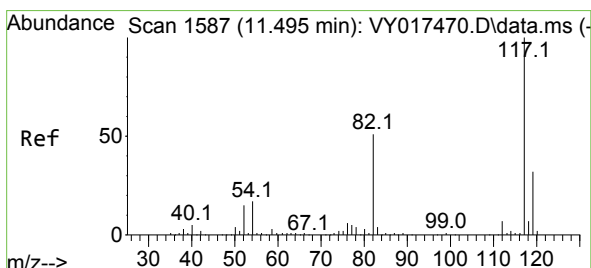
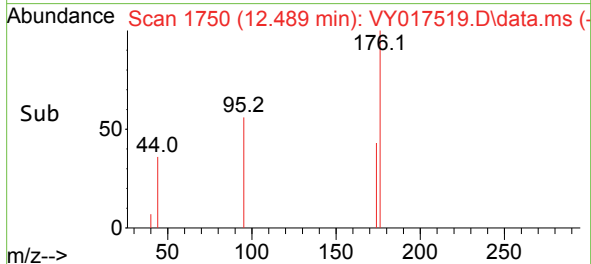
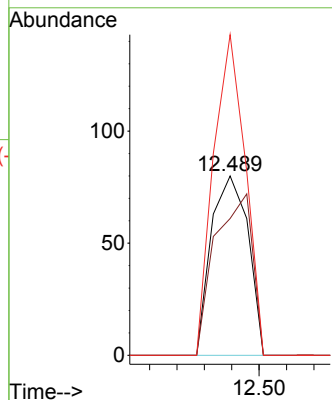
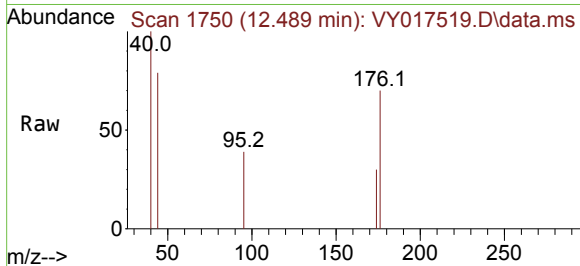




#62
4-Bromofluorobenzene
Concen: 7.899 ug/l
RT: 12.489 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

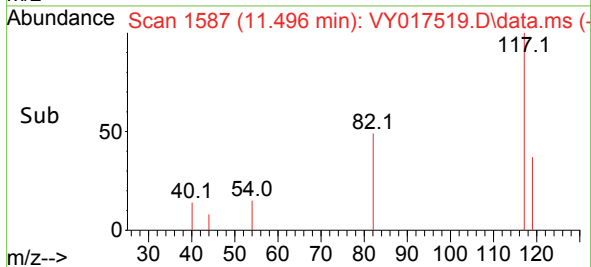
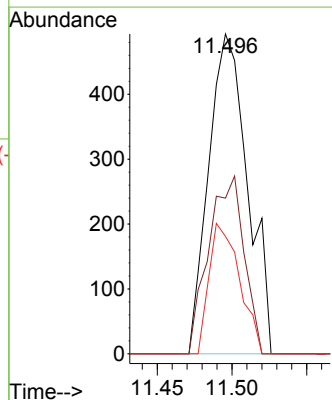
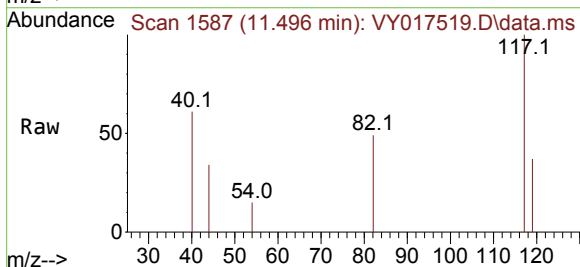
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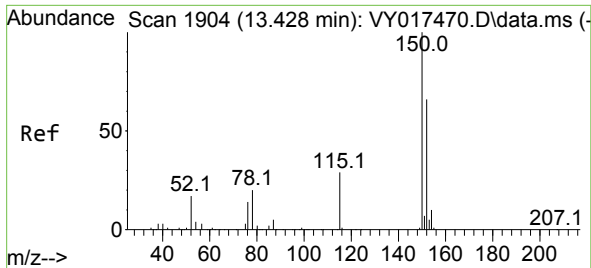
Tgt Ion:	95	Resp:	75
Ion	Ratio	Lower	Upper
95	100		
174	90.7	0.0	175.6
176	153.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017519.D
Acq: 28 Feb 2024 14:25

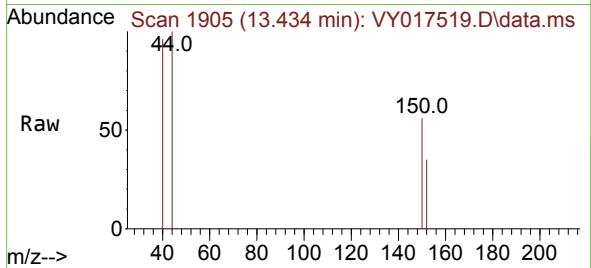
Tgt Ion:	117	Resp:	894
Ion	Ratio	Lower	Upper
117	100		
82	48.7	42.4	63.6
119	36.7	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY017519.D
 Acq: 28 Feb 2024 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-02272024RE



Tgt Ion:152 Resp: 54
 Ion Ratio Lower Upper
 152 100
 115 38.9 28.2 84.7
 150 394.4 0.0 345.6#

