

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041724\
 Data File : VY017958.D
 Acq On : 17 Apr 2024 13:21
 Operator : SY/MD
 Sample : P2125-02
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-101-SB02

Quant Time: Apr 18 02:51:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

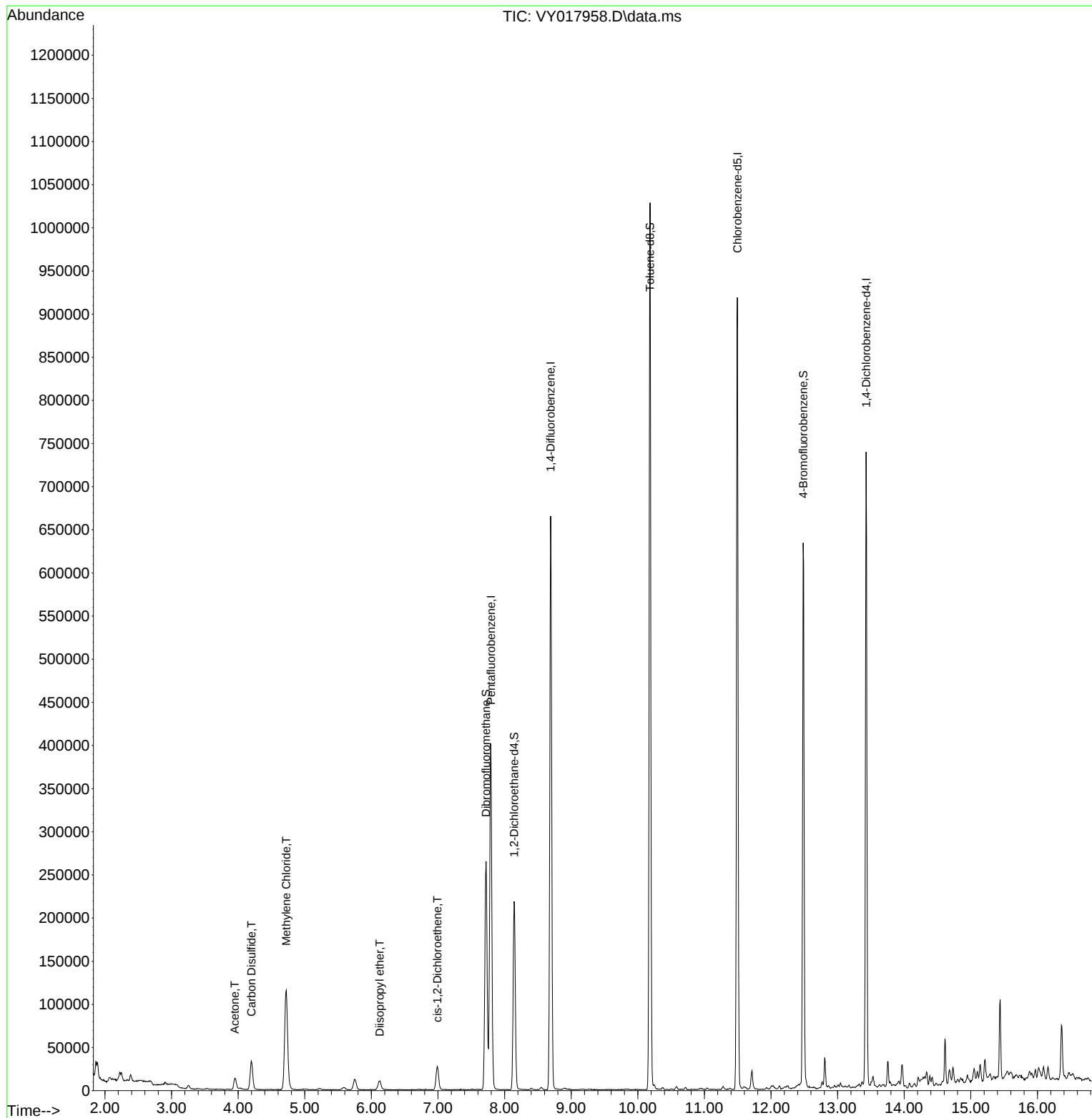
Internal Standards						
1) Pentafluorobenzene	7.795	168	330714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	596206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	529395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	194938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	167721	58.605	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.200%
35) Dibromofluoromethane	7.722	113	194250	52.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.620%
50) Toluene-d8	10.185	98	689667	49.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.483	95	191014	44.190	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.380%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	22974	40.627	ug/l	97
17) Carbon Disulfide	4.198	76	69347	6.530	ug/l	98
20) Methylene Chloride	4.722	84	94488	24.664	ug/l	97
22) Diisopropyl ether	6.125	45	12377	1.307	ug/l #	96
27) cis-1,2-Dichloroethene	6.990	96	15857	3.796	ug/l	89

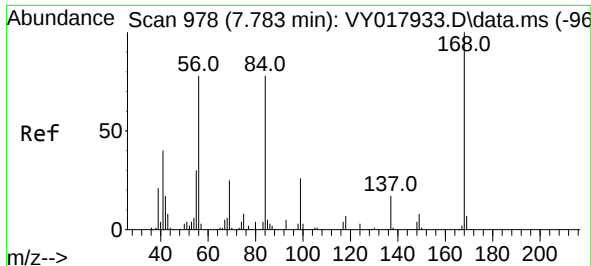
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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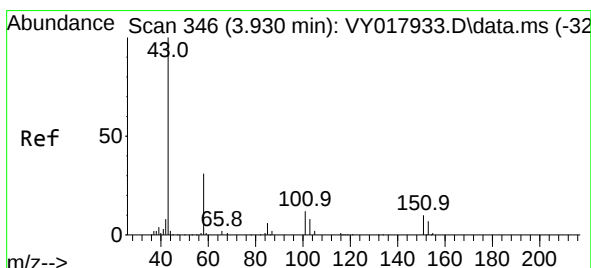
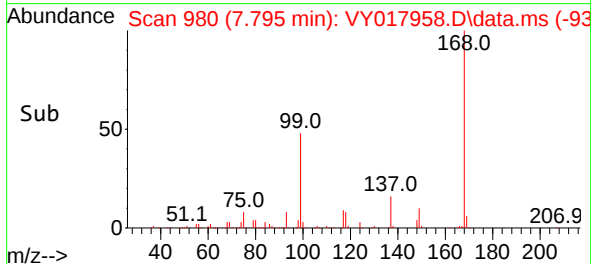
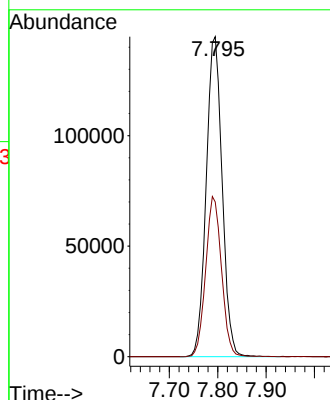
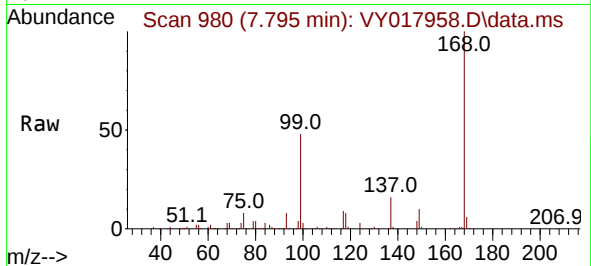




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017958.D
Acq: 17 Apr 2024 13:21

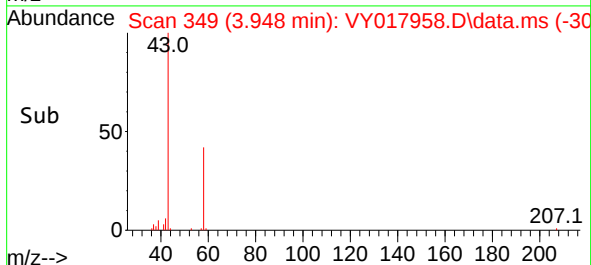
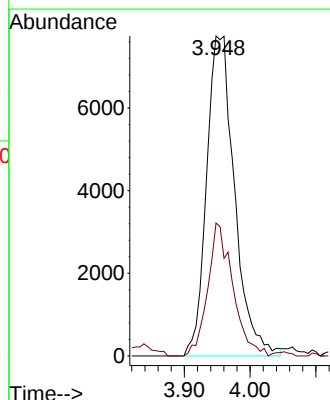
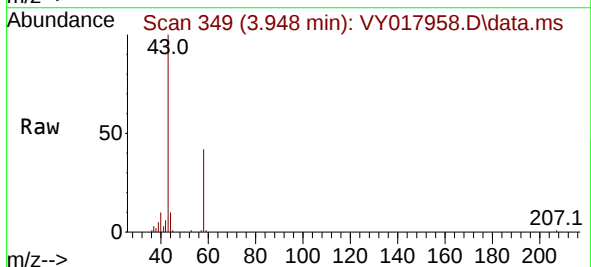
Instrument :
MSVOA_Y
ClientSampleId :
B-101-SB02

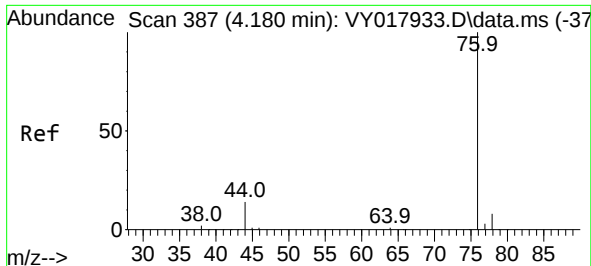
Tgt Ion:168 Resp: 330714
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#16
Acetone
Concen: 40.627 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY017958.D
Acq: 17 Apr 2024 13:21

Tgt Ion: 43 Resp: 22974
Ion Ratio Lower Upper
43 100
58 41.6 31.7 47.5





#17

Carbon Disulfide

Concen: 6.530 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY017958.D

Acq: 17 Apr 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

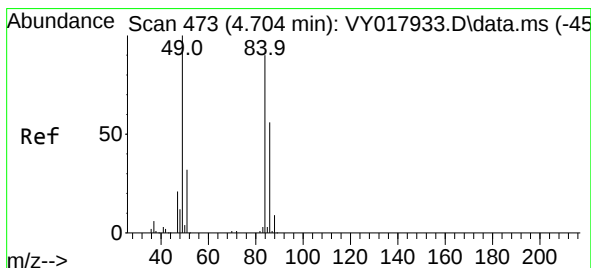
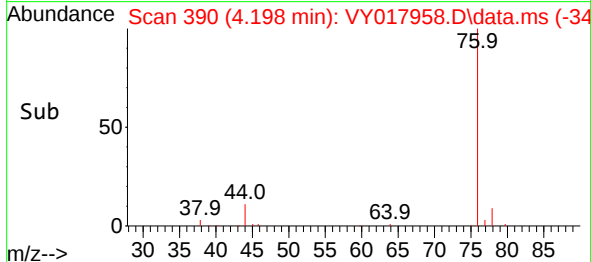
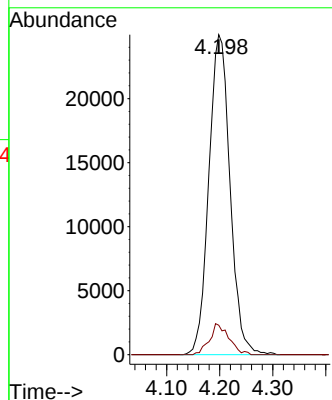
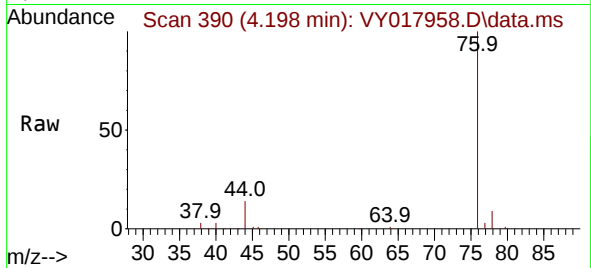
B-101-SB02

Tgt Ion: 76 Resp: 69347

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2



#20

Methylene Chloride

Concen: 24.664 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY017958.D

Acq: 17 Apr 2024 13:21

Tgt Ion: 84 Resp: 94488

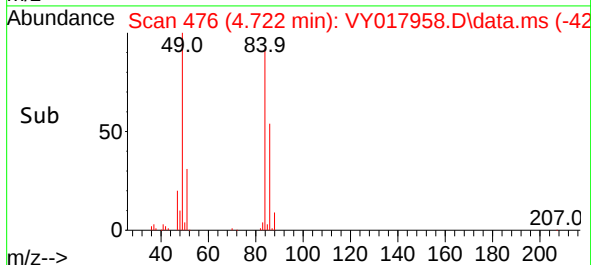
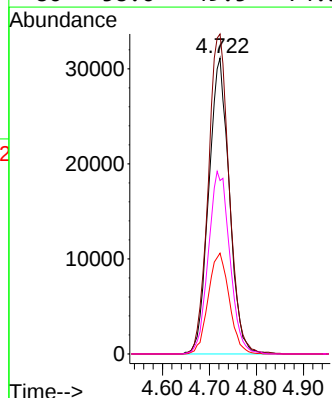
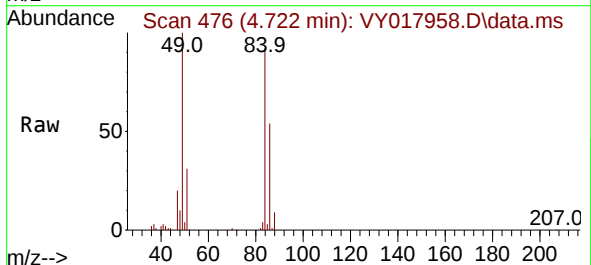
Ion Ratio Lower Upper

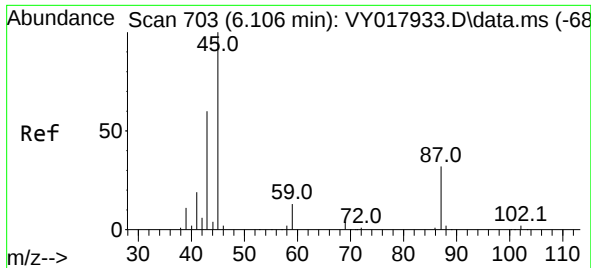
84 100

49 108.2 84.4 126.6

51 34.1 26.0 39.0

86 58.6 49.5 74.3

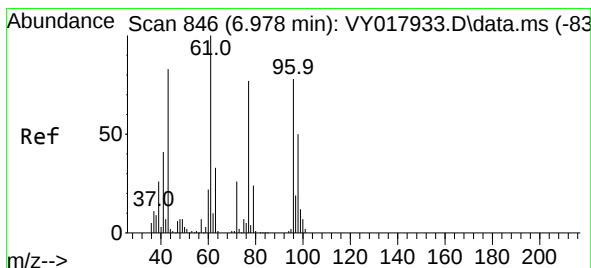
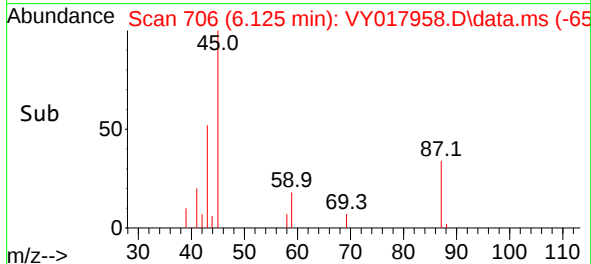
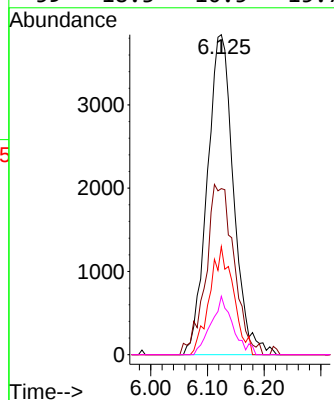
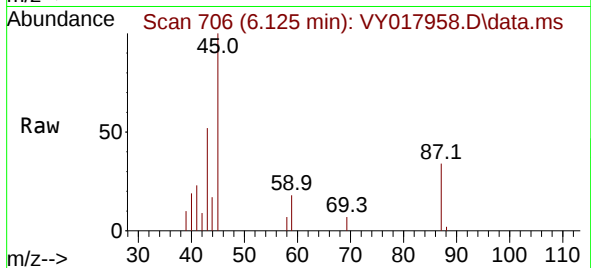




#22
Diisopropyl ether
Concen: 1.307 ug/l
RT: 6.125 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY017958.D
Acq: 17 Apr 2024 13:21

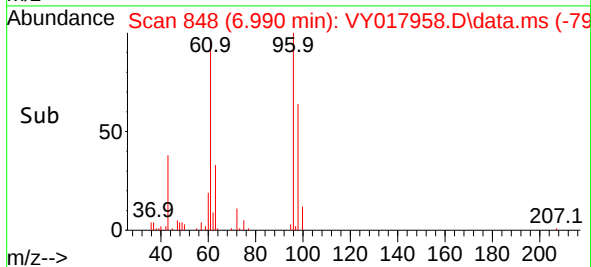
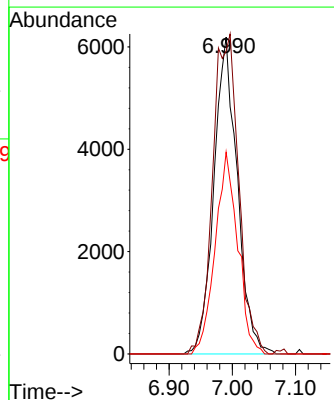
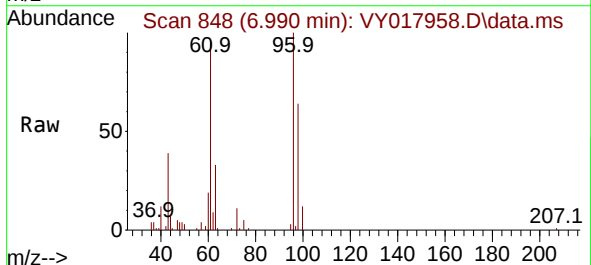
Instrument :
MSVOA_Y
ClientSampleId :
B-101-SB02

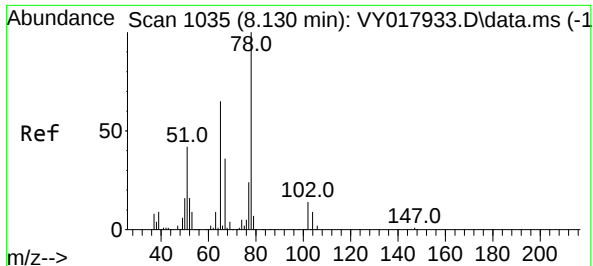
Tgt Ion:	45	Resp:	12377
Ion	Ratio	Lower	Upper
45	100		
43	51.9	42.2	63.2
87	33.8	25.0	37.6
59	18.3	10.5	15.7



#27
cis-1,2-Dichloroethene
Concen: 3.796 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY017958.D
Acq: 17 Apr 2024 13:21

Tgt Ion:	96	Resp:	15857
Ion	Ratio	Lower	Upper
96	100		
61	112.0	0.0	256.2
98	61.6	0.0	130.0





#33

1,2-Dichloroethane-d4

Concen: 58.605 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017958.D

Acq: 17 Apr 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

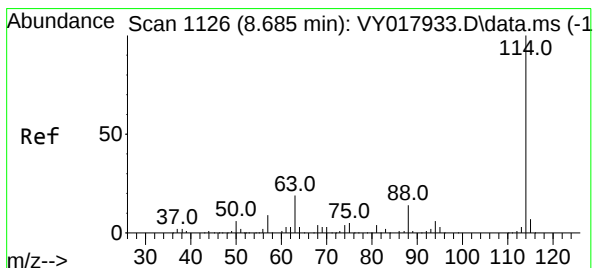
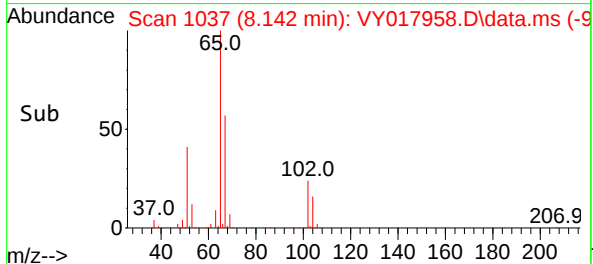
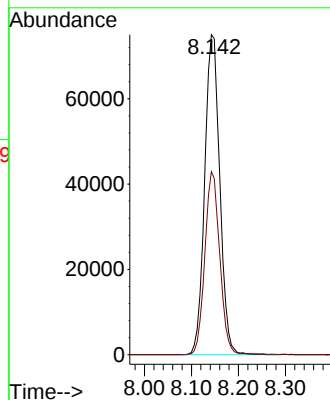
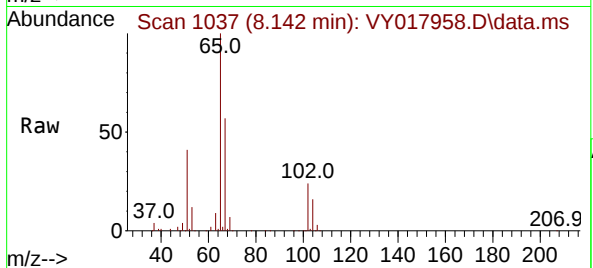
B-101-SB02

Tgt Ion: 65 Resp: 167721

Ion Ratio Lower Upper

65 100

67 56.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017958.D

Acq: 17 Apr 2024 13:21

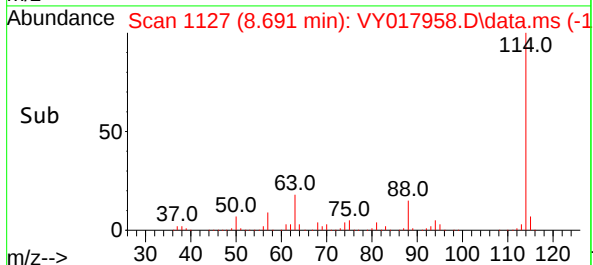
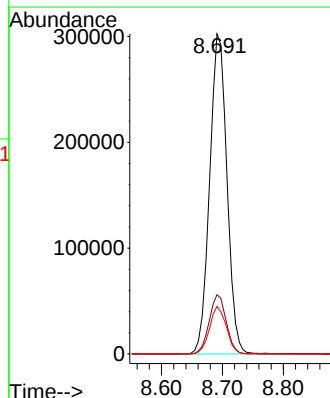
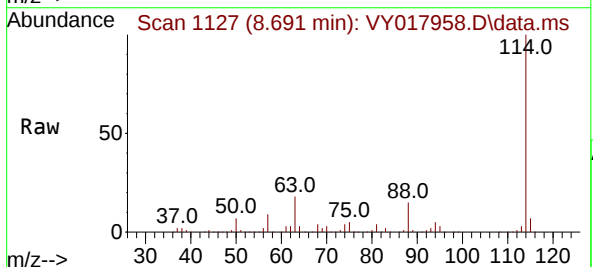
Tgt Ion: 114 Resp: 596206

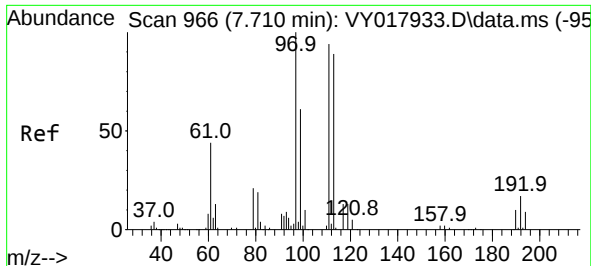
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 14.8 0.0 27.2

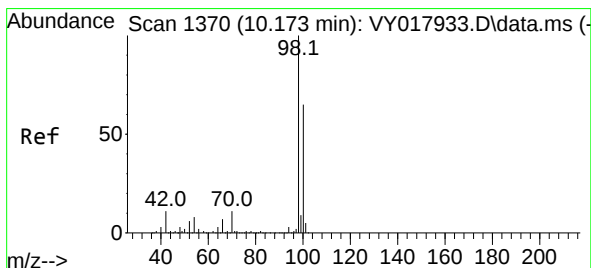
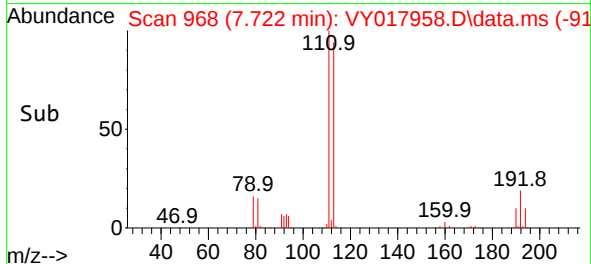
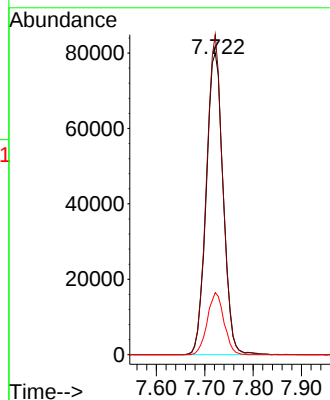
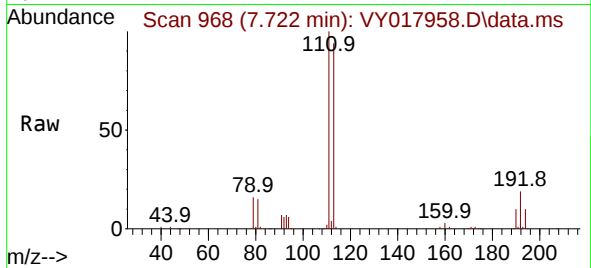




#35
Dibromofluoromethane
Concen: 52.811 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017958.D
Acq: 17 Apr 2024 13:21

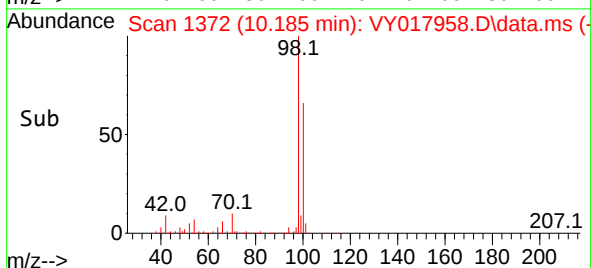
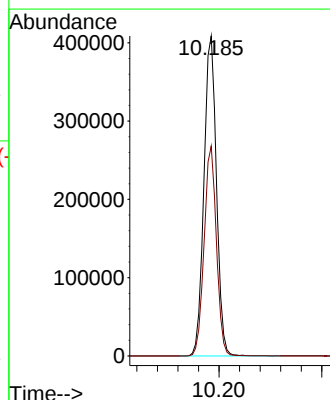
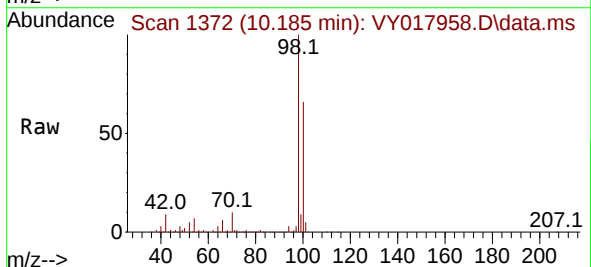
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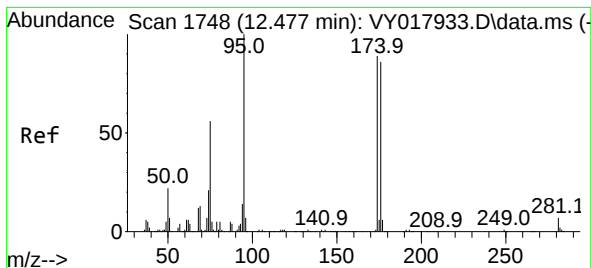
Tgt Ion:113 Resp: 194250
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.2 15.9 23.9



#50
Toluene-d8
Concen: 49.414 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY017958.D
Acq: 17 Apr 2024 13:21

Tgt Ion: 98 Resp: 689667
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

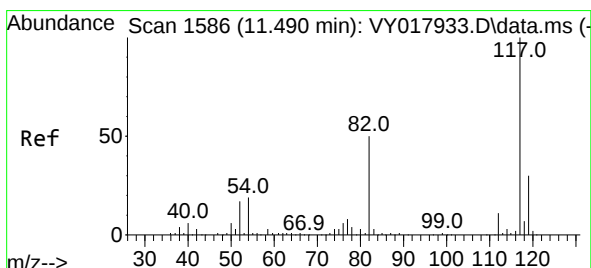
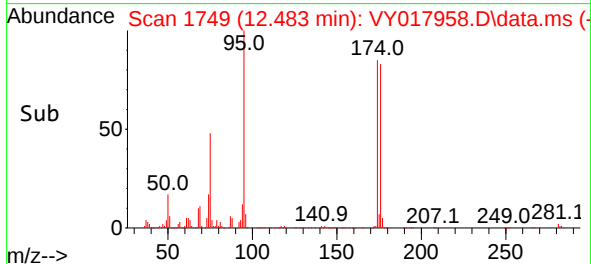
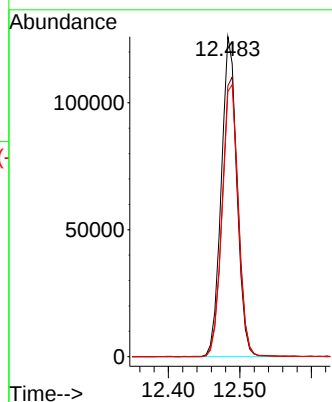
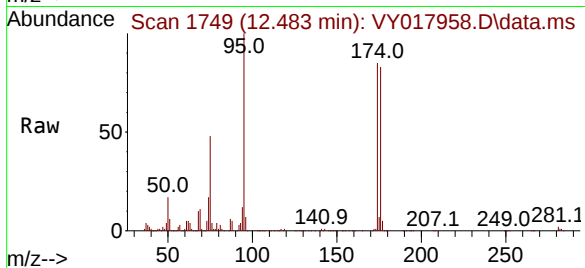




#62
4-Bromofluorobenzene
Concen: 44.190 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017958.D
Acq: 17 Apr 2024 13:21

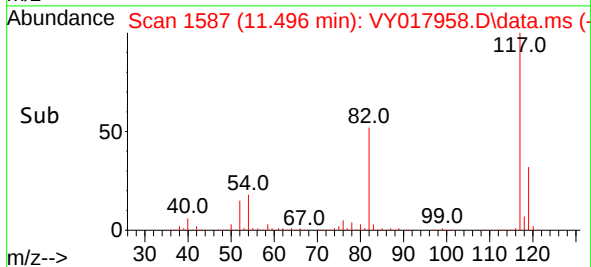
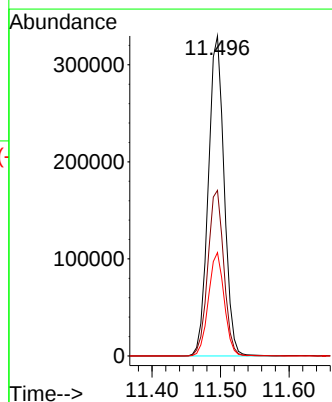
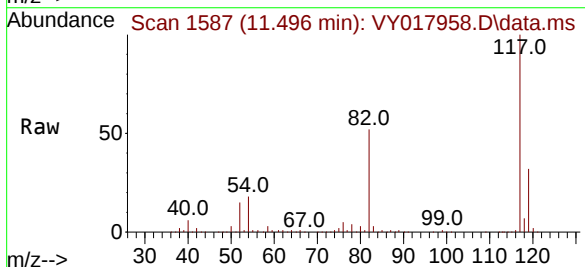
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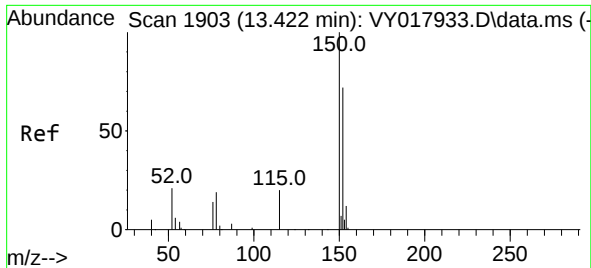
Tgt Ion: 95 Resp: 191014
Ion Ratio Lower Upper
95 100
174 90.6 0.0 175.6
176 87.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY017958.D
Acq: 17 Apr 2024 13:21

Tgt Ion: 117 Resp: 529395
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY017958.D
 Acq: 17 Apr 2024 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-101-SB02

Tgt Ion:152 Resp: 194938
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 157.7 0.0 345.6

