

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018276.D
 Acq On : 15 May 2024 16:38
 Operator : SY/MD
 Sample : P2482-06
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-04-229

Quant Time: May 16 03:08:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

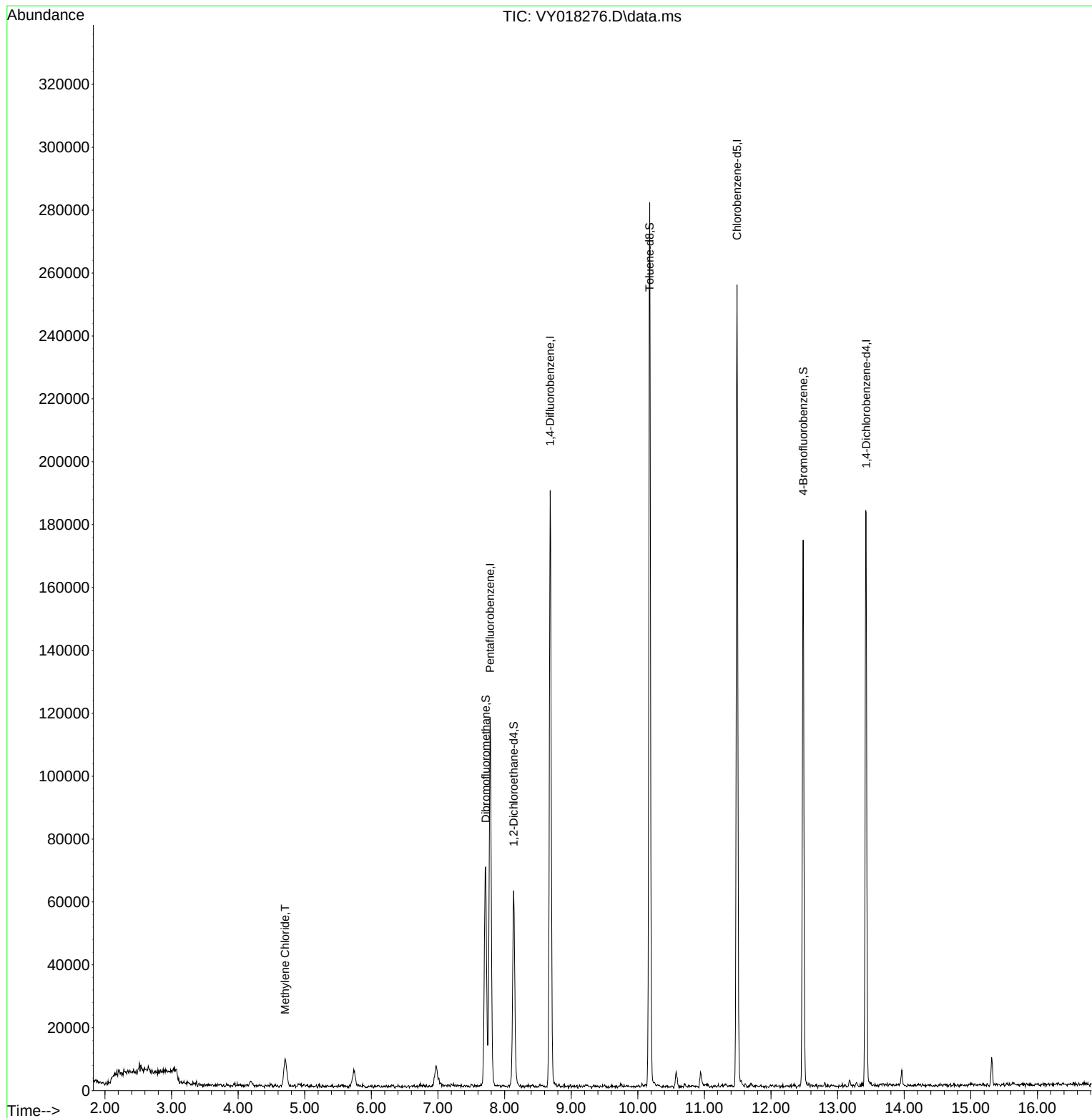
Internal Standards						
1) Pentafluorobenzene	7.783	168	88100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	141929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	45228	69.783	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 139.560%			
35) Dibromofluoromethane	7.716	113	50260	57.212	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.420%			
50) Toluene-d8	10.179	98	188470	54.443	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.880%			
62) 4-Bromofluorobenzene	12.483	95	53543	47.894	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.780%			
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	6577	7.194	ug/l	87

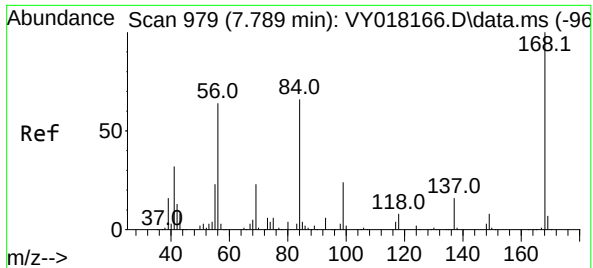
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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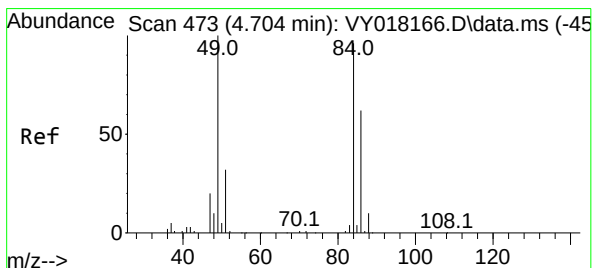
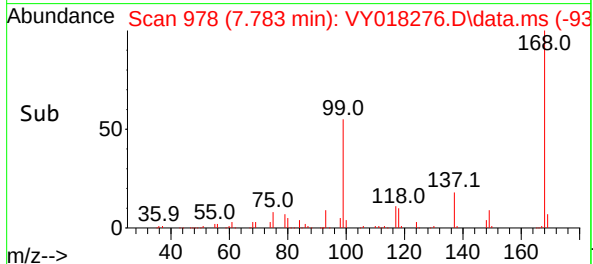
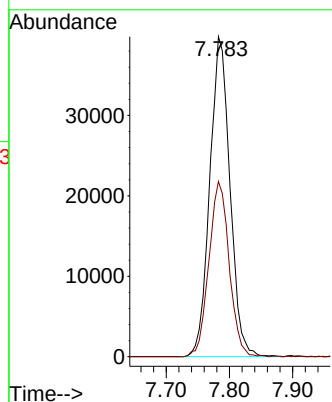
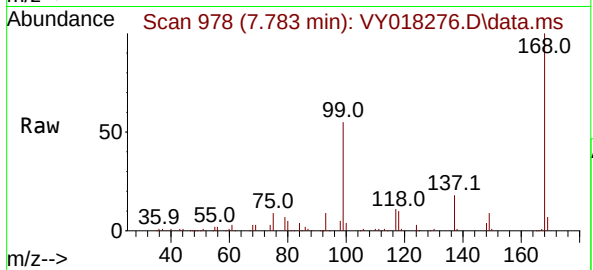




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

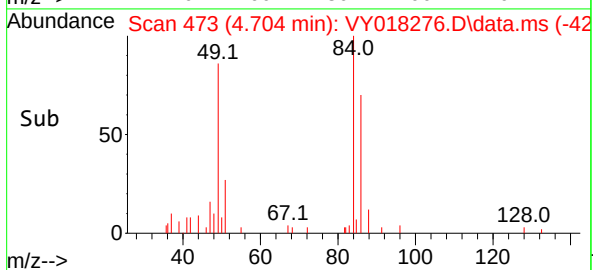
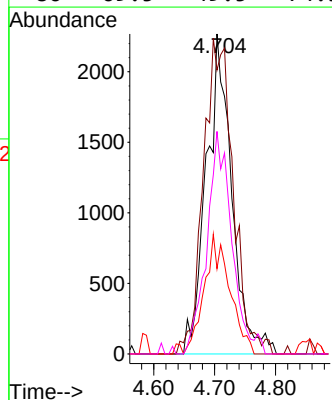
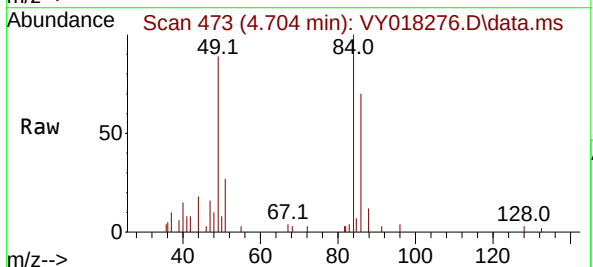
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229

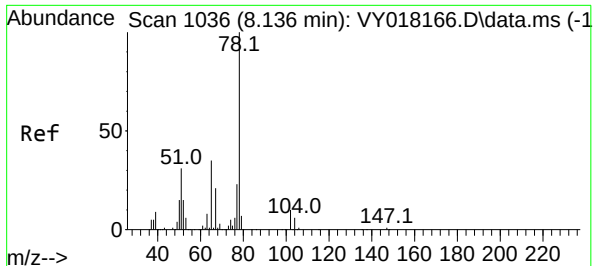
Tgt Ion:168 Resp: 88100
Ion Ratio Lower Upper
168 100
99 54.8 39.1 58.7



#20
Methylene Chloride
Concen: 7.194 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

Tgt Ion: 84 Resp: 6577
Ion Ratio Lower Upper
84 100
49 88.7 84.4 126.6
51 26.7 26.0 39.0
86 69.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 69.783 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018276.D

Acq: 15 May 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

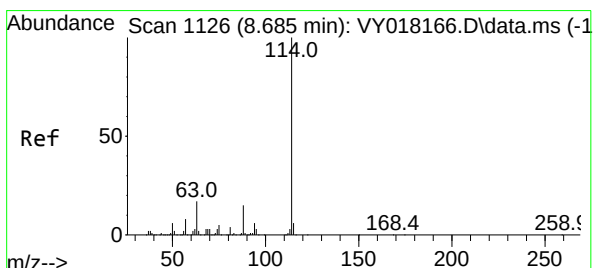
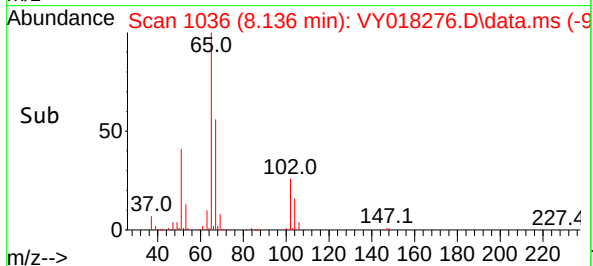
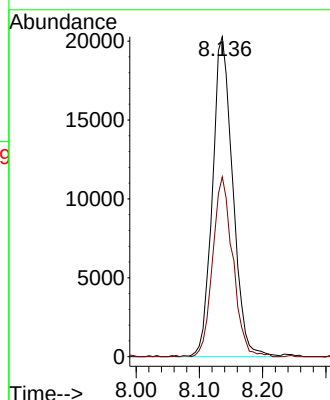
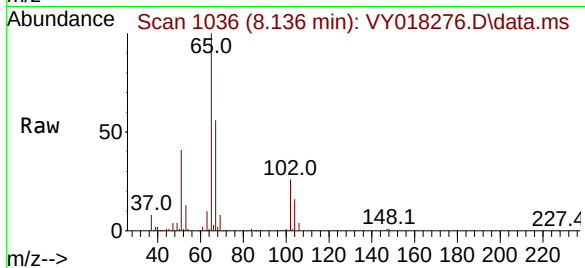
SW-04-229

Tgt Ion: 65 Resp: 45228

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018276.D

Acq: 15 May 2024 16:38

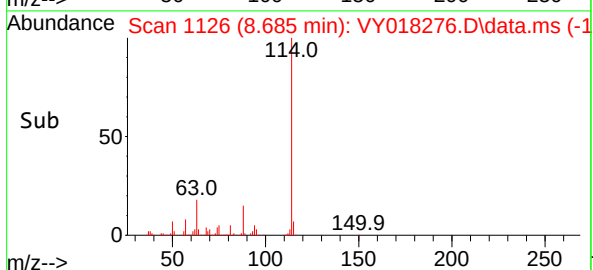
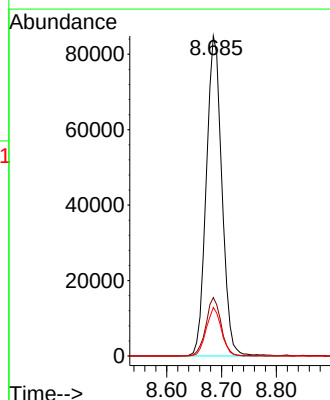
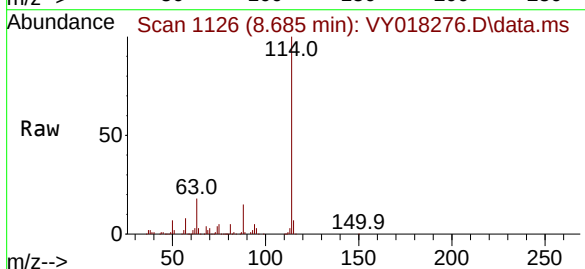
Tgt Ion: 114 Resp: 167156

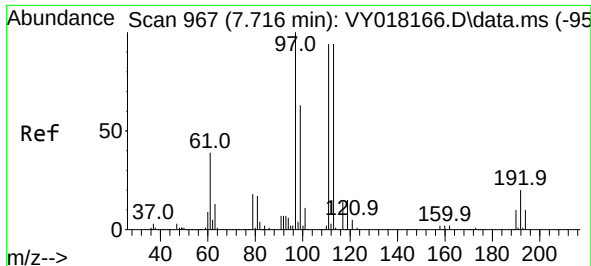
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 15.2 0.0 27.2

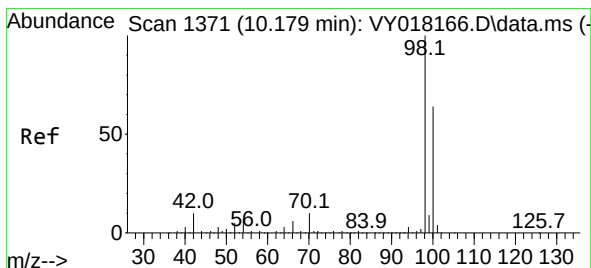
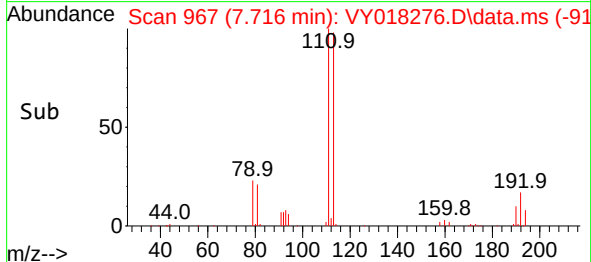
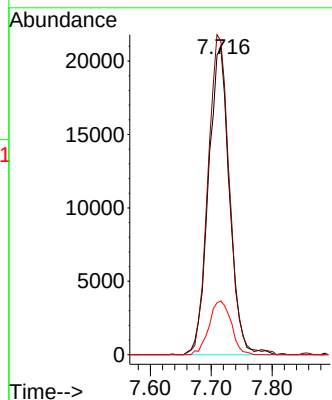
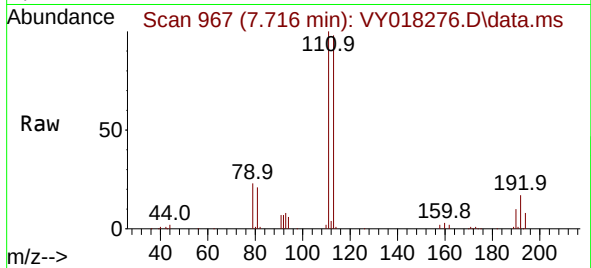




#35
Dibromofluoromethane
Concen: 57.212 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

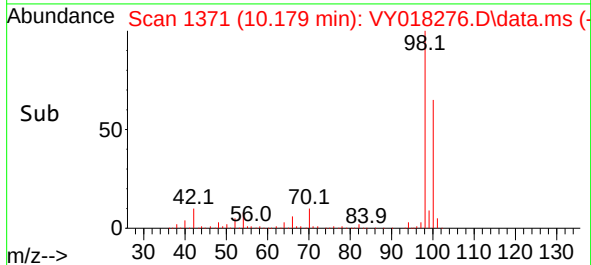
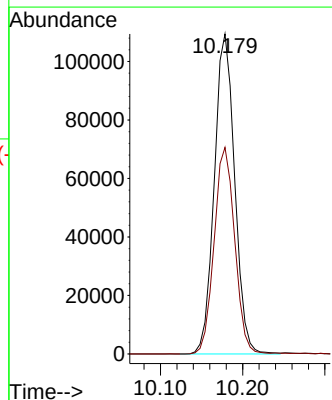
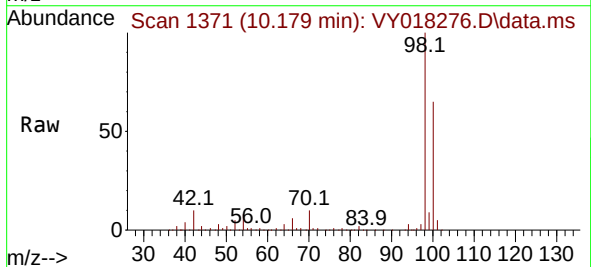
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229

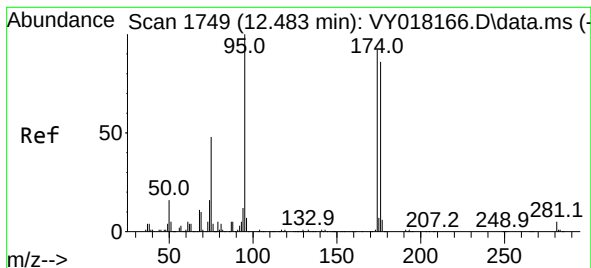
Tgt Ion:113 Resp: 50260
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 18.3 15.9 23.9



#50
Toluene-d8
Concen: 54.443 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

Tgt Ion: 98 Resp: 188470
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

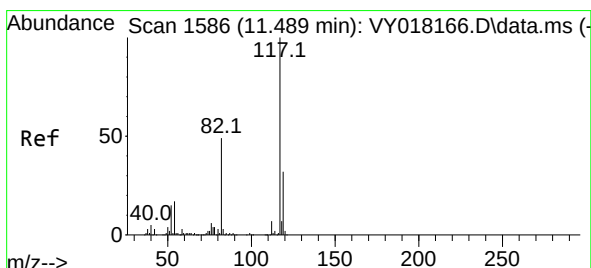
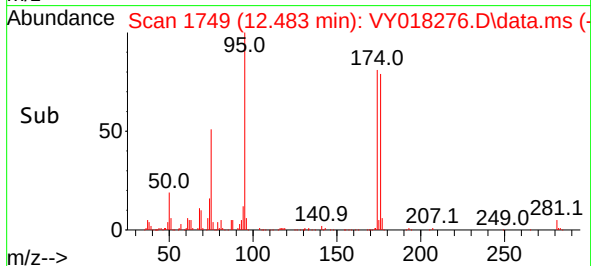
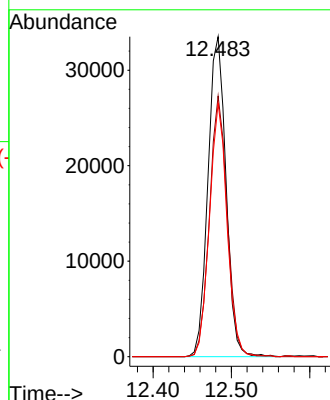
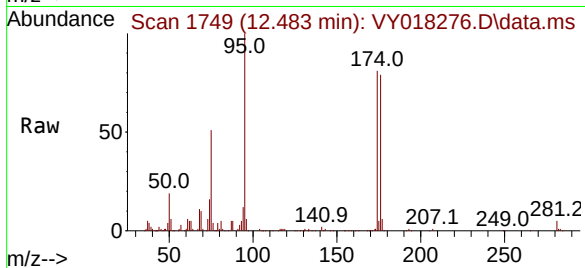




#62
4-Bromofluorobenzene
Concen: 47.894 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

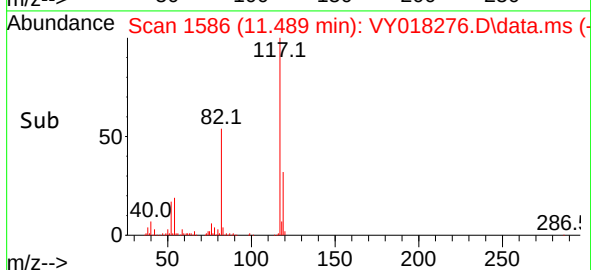
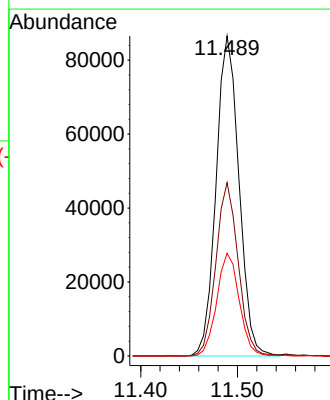
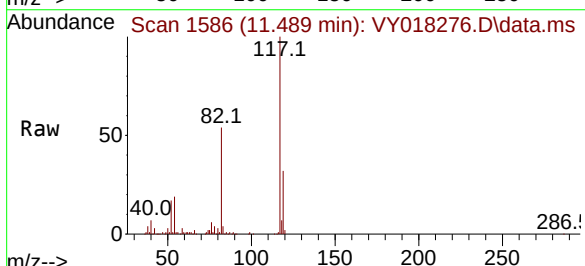
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229

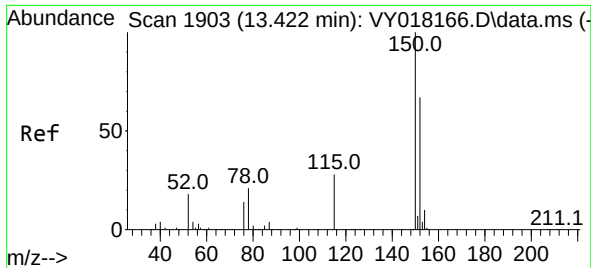
Tgt Ion:	95	Resp:	53543
Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	175.6
176	77.3	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018276.D
Acq: 15 May 2024 16:38

Tgt Ion:	117	Resp:	141929
Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.4	63.6
119	32.1	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: VY018276.D

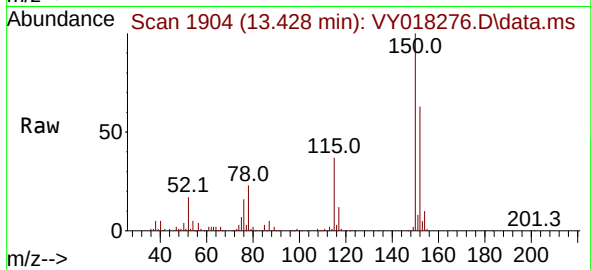
Acq: 15 May 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

SW-04-229



Tgt Ion:152 Resp: 47498

Ion Ratio Lower Upper

152 100

115 60.5 28.2 84.7

150 163.3 0.0 345.6

