

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010327.D
 Acq On : 03 Sep 2022 17:55
 Operator : KP/MD
 Sample : N4419-02
 Misc : 4.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KTS2-TR-03-3-4

Quant Time: Sep 05 04:22:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

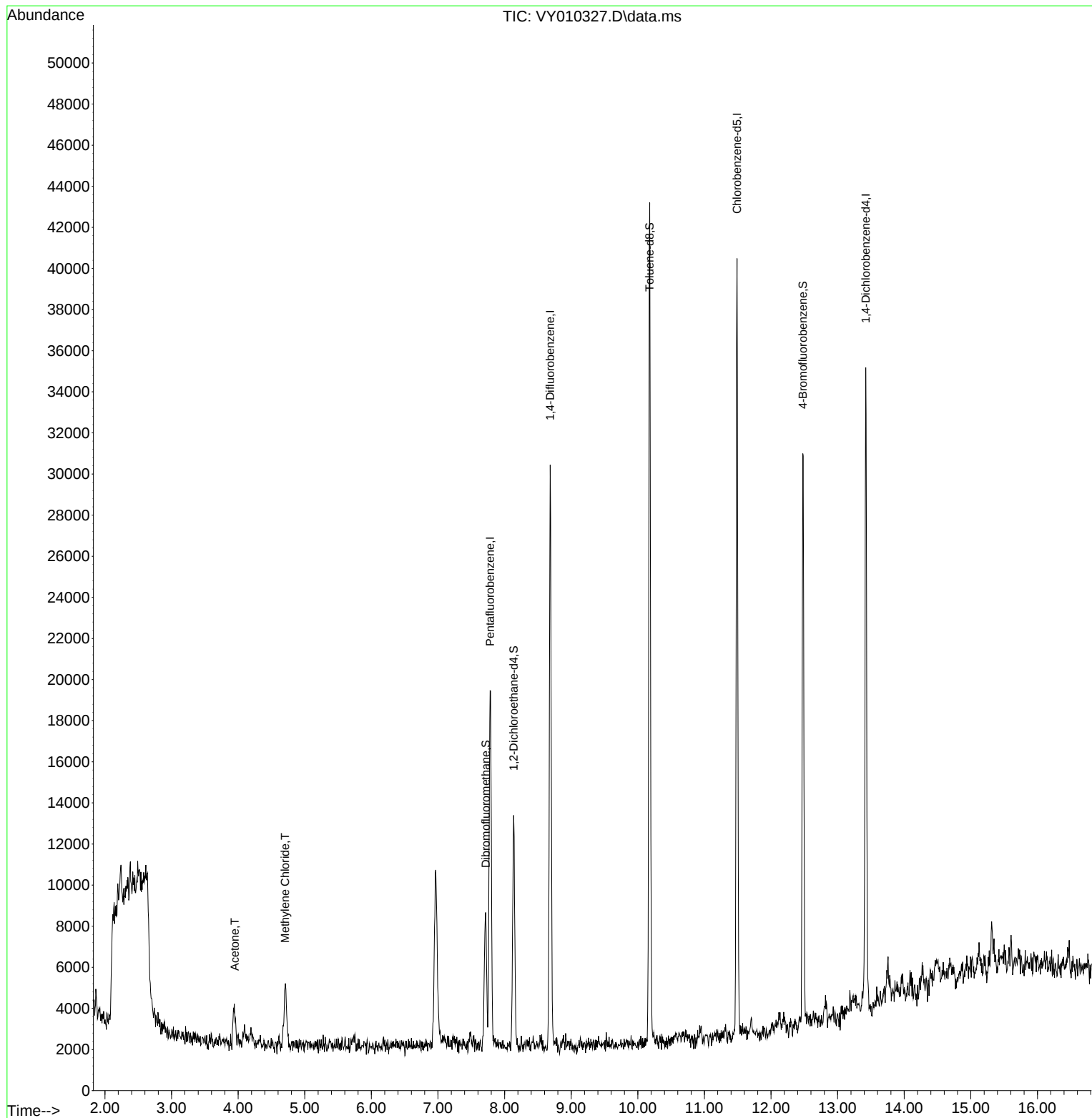
Internal Standards						
1) Pentafluorobenzene	7.783	168	14453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	24720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	21857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8333	56.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.460%
35) Dibromofluoromethane	7.716	113	4566	27.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.500%
50) Toluene-d8	10.179	98	27328	49.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.477	95	9179	40.386	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.780%
Target Compounds					Qvalue	
16) Acetone	3.948	43	3340	90.154	ug/l #	80
20) Methylene Chloride	4.704	84	2307	12.904	ug/l #	70

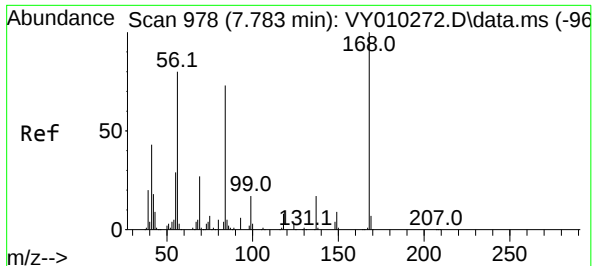
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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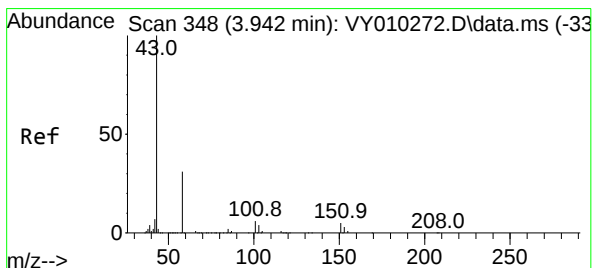
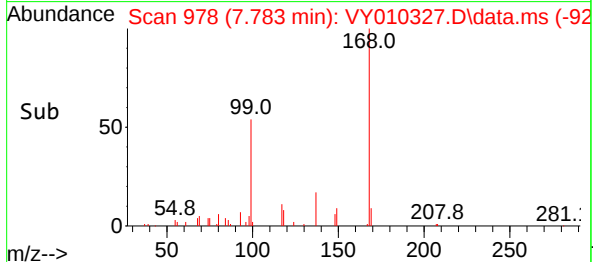
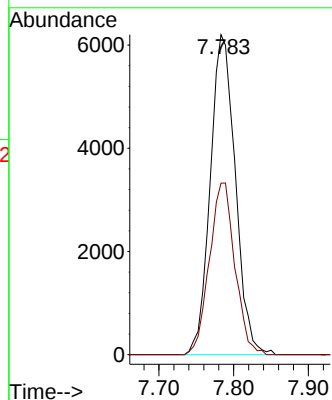
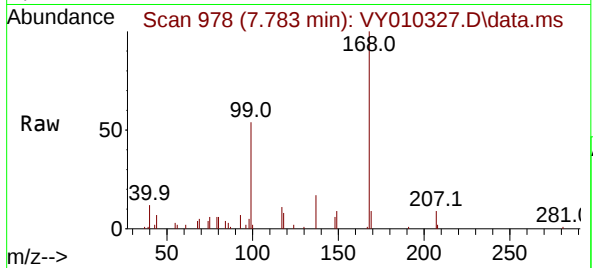




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010327.D
Acq: 03 Sep 2022 17:55

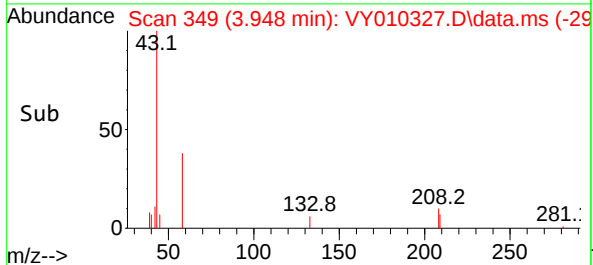
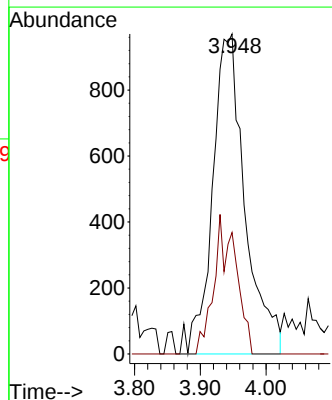
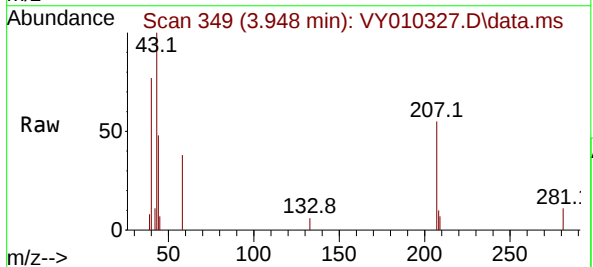
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-03-3-4

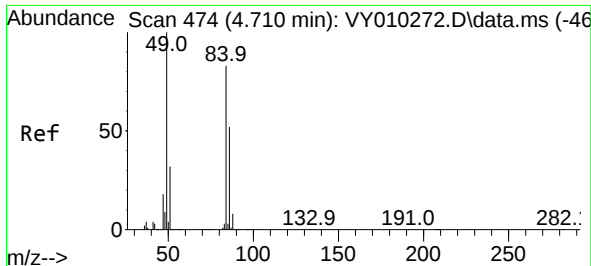
Tgt Ion:168 Resp: 14453
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3



#16
Acetone
Concen: 90.154 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010327.D
Acq: 03 Sep 2022 17:55

Tgt Ion: 43 Resp: 3340
Ion Ratio Lower Upper
43 100
58 37.9 22.0 33.0#





#20

Methylene Chloride

Concen: 12.904 ug/l

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY010327.D

Acq: 03 Sep 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

KTS2-TR-03-3-4

Tgt Ion: 84 Resp: 2307

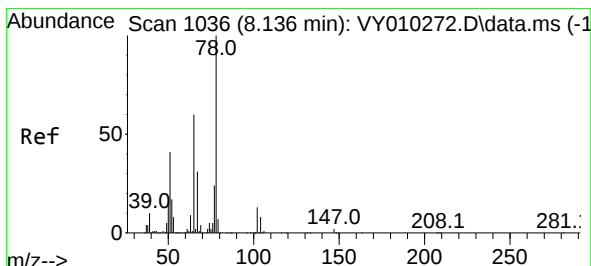
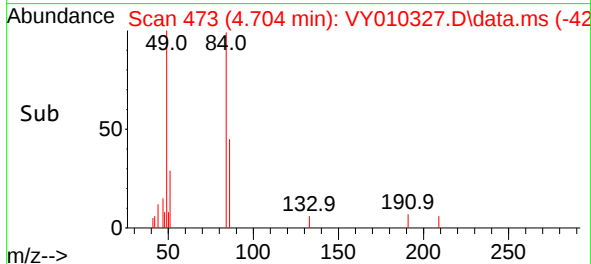
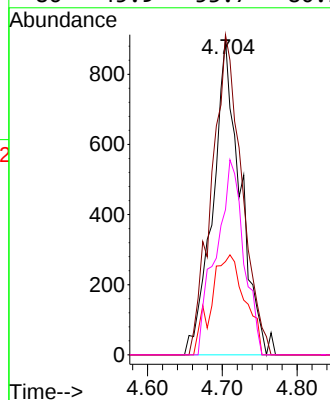
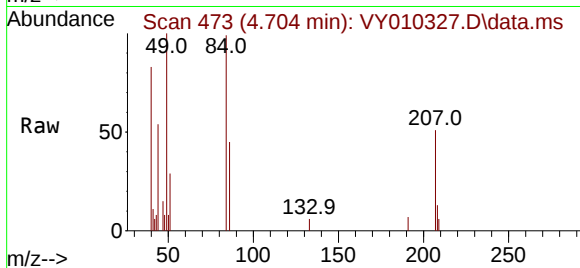
Ion Ratio Lower Upper

84 100

49 101.3 114.4 171.6#

51 29.5 35.3 52.9#

86 45.9 53.7 80.5#



#33

1,2-Dichloroethane-d4

Concen: 56.228 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010327.D

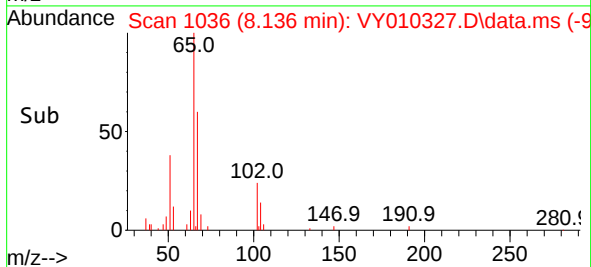
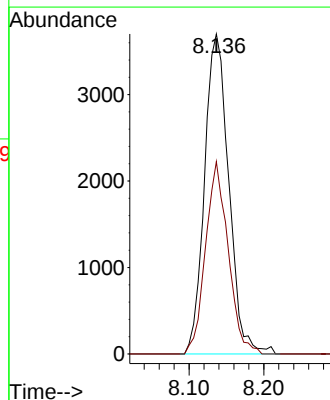
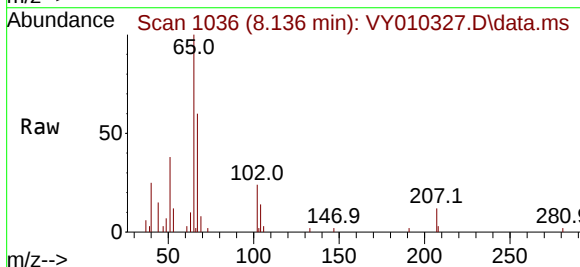
Acq: 03 Sep 2022 17:55

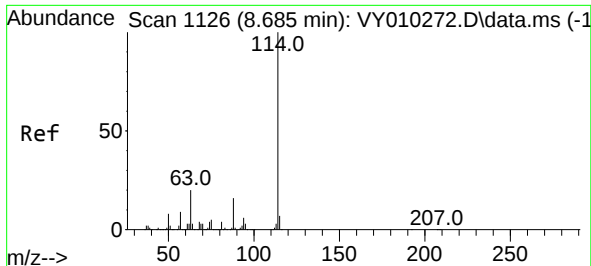
Tgt Ion: 65 Resp: 8333

Ion Ratio Lower Upper

65 100

67 56.3 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010327.D

Acq: 03 Sep 2022 17:55

Instrument :

MSVOA_Y

ClientSampleId :

KTS2-TR-03-3-4

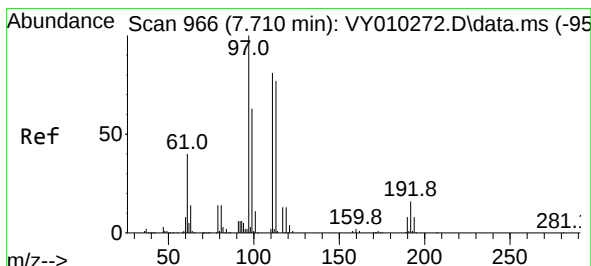
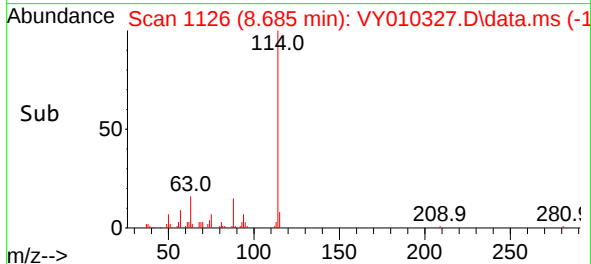
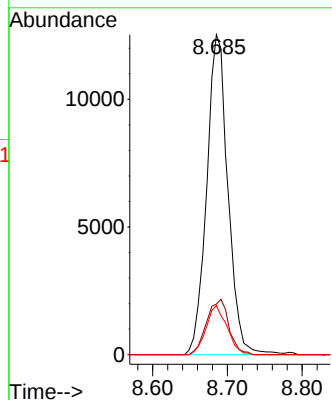
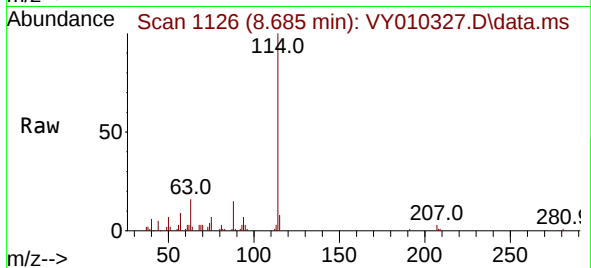
Tgt Ion:114 Resp: 24720

Ion Ratio Lower Upper

114 100

63 15.8 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 27.746 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010327.D

Acq: 03 Sep 2022 17:55

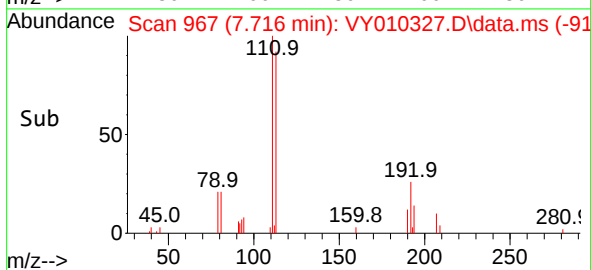
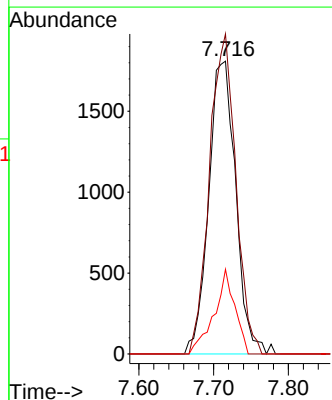
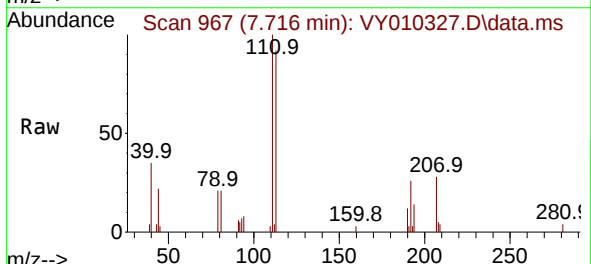
Tgt Ion:113 Resp: 4566

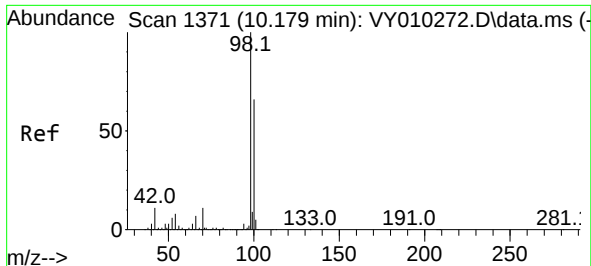
Ion Ratio Lower Upper

113 100

111 106.0 82.6 124.0

192 22.1 17.6 26.4

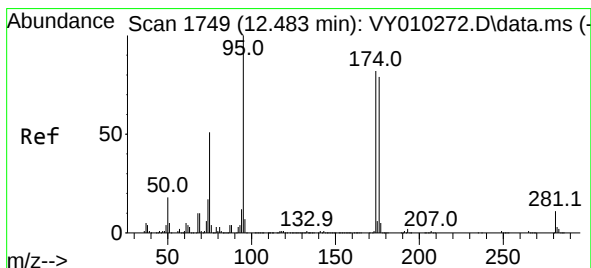
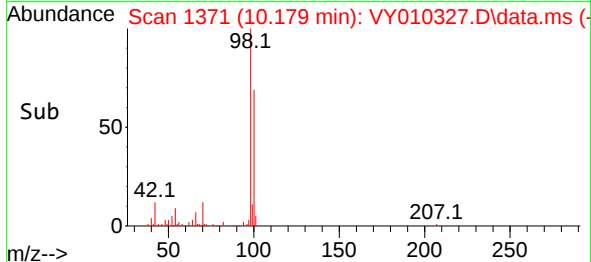
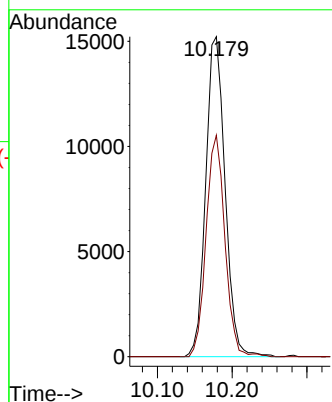
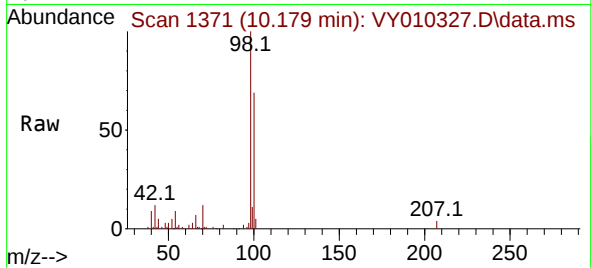




#50
Toluene-d8
Concen: 49.600 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010327.D
Acq: 03 Sep 2022 17:55

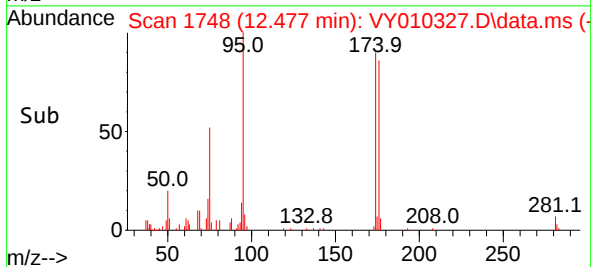
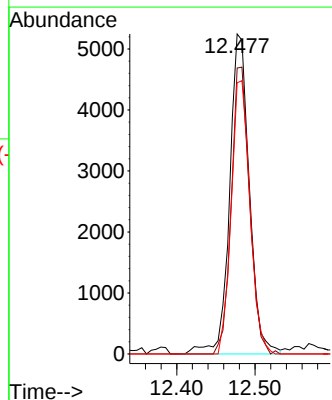
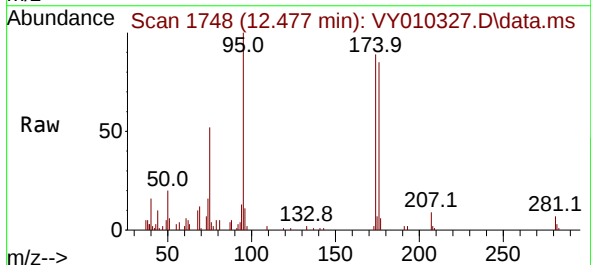
Instrument :
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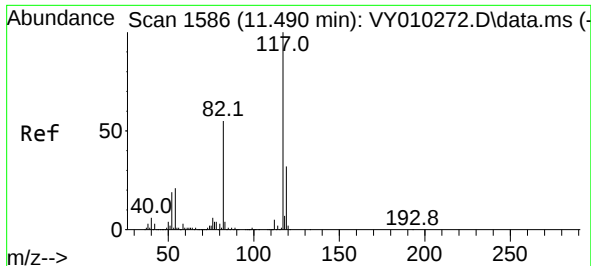
Tgt Ion: 98 Resp: 27328
Ion Ratio Lower Upper
98 100
100 67.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.386 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010327.D
Acq: 03 Sep 2022 17:55

Tgt Ion: 95 Resp: 9179
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.8 0.0 175.8

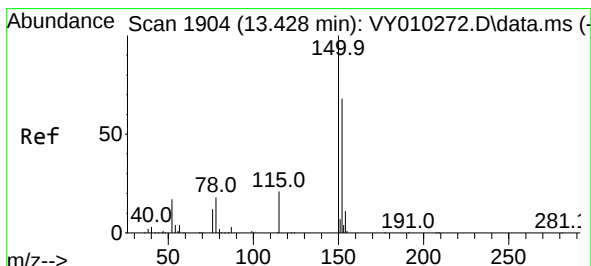
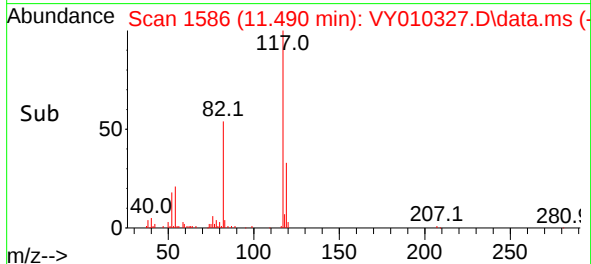
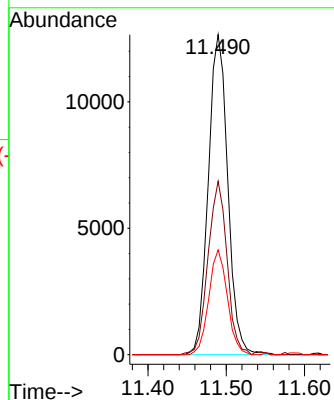
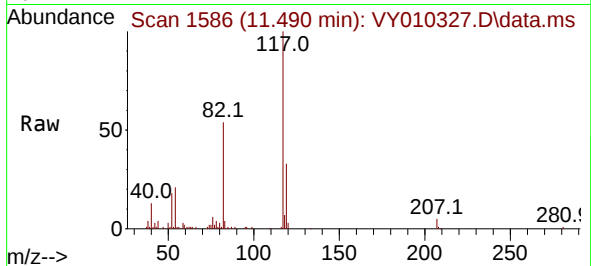




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010327.D
Acq: 03 Sep 2022 17:55

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-03-3-4

Tgt Ion:	117	Resp:	21857
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.0	64.4
119	32.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010327.D
Acq: 03 Sep 2022 17:55

Tgt Ion:	152	Resp:	8109
Ion	Ratio	Lower	Upper
152	100		
115	61.1	28.2	84.7
150	157.9	0.0	347.6

