

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009616.D
 Acq On : 20 Jul 2022 16:42
 Operator : KP/MD
 Sample : N3726-02
 Misc : 6.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OWS-12-12.5

Quant Time: Jul 21 02:14:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

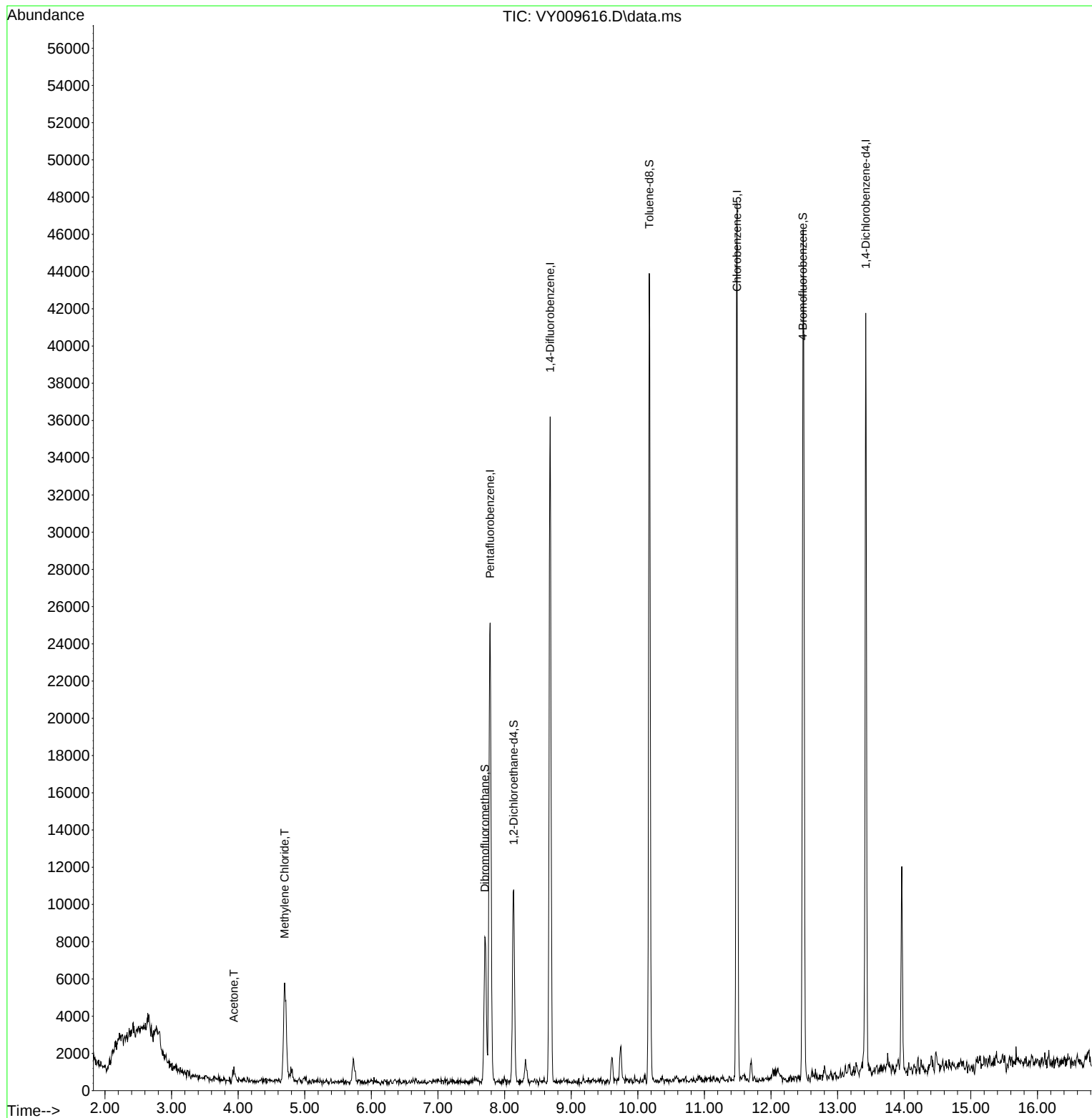
Internal Standards						
1) Pentafluorobenzene	7.783	168	21451	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	31458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	27637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	10673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8282	40.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.640%
35) Dibromofluoromethane	7.704	113	5988	30.214	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	60.420%
50) Toluene-d8	10.173	98	29310	38.471	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	76.940%#
62) 4-Bromofluorobenzene	12.477	95	7639	30.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	61.880%
Target Compounds						
16) Acetone	3.936	43	1121	21.843	ug/l	# 54
20) Methylene Chloride	4.698	84	4356	8.764	ug/l	# 76

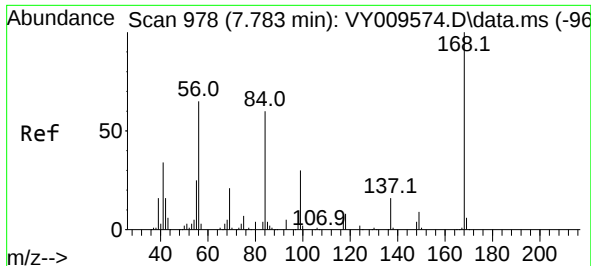
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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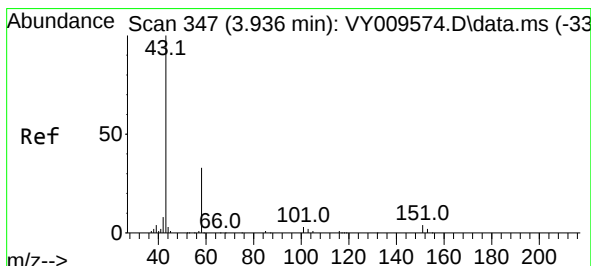
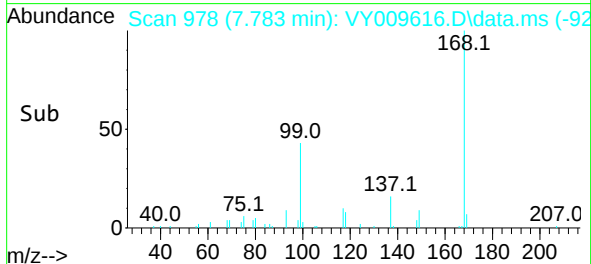
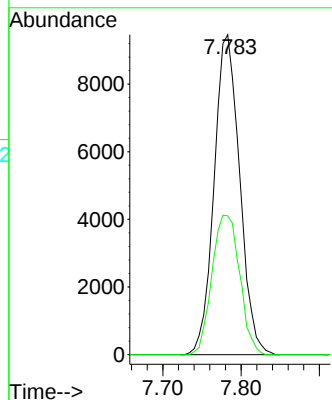
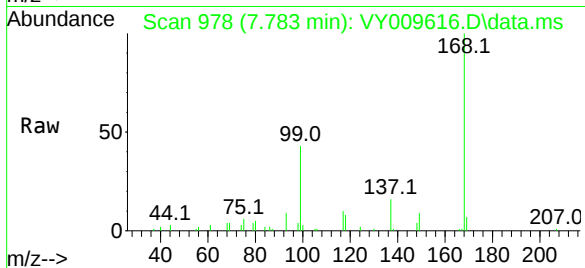




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

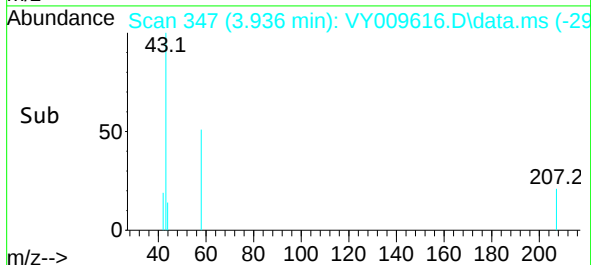
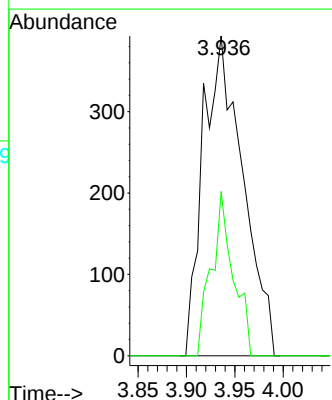
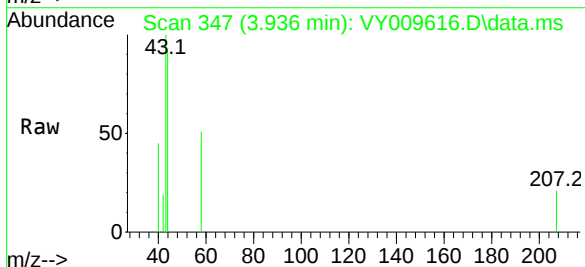
Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

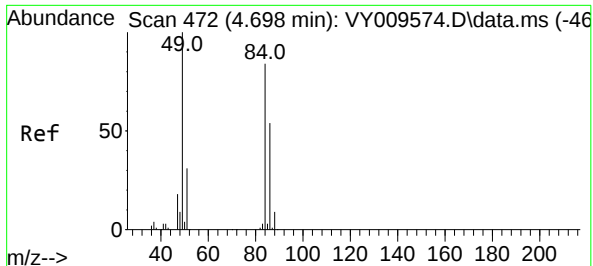
Tgt Ion:168 Resp: 21451
Ion Ratio Lower Upper
168 100
99 43.4 46.9 70.3#



#16
Acetone
Concen: 21.843 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

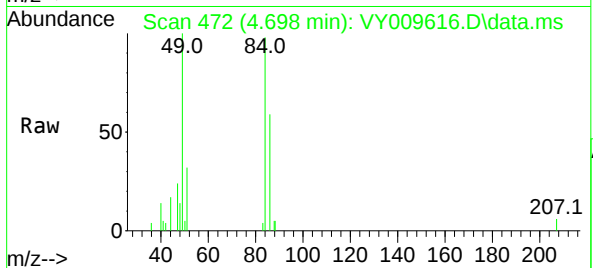
Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 51.4 22.0 33.0#



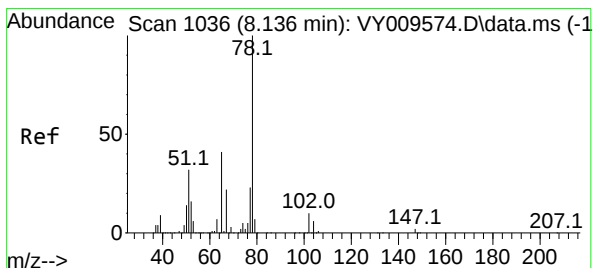
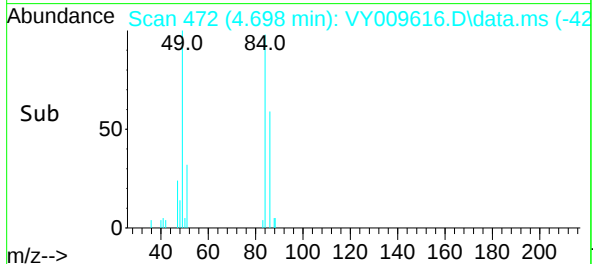
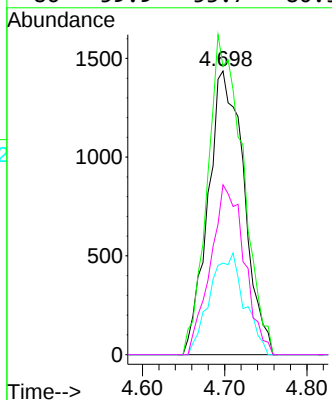


#20
Methylene Chloride
Concen: 8.764 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

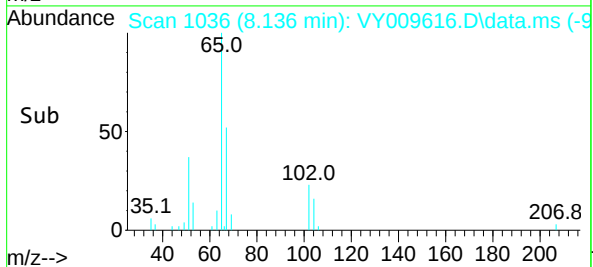
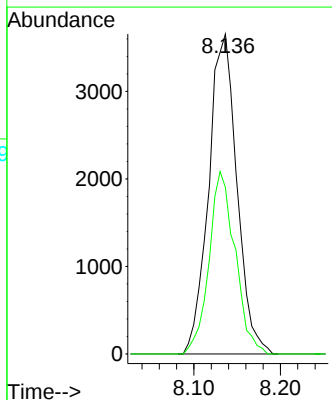
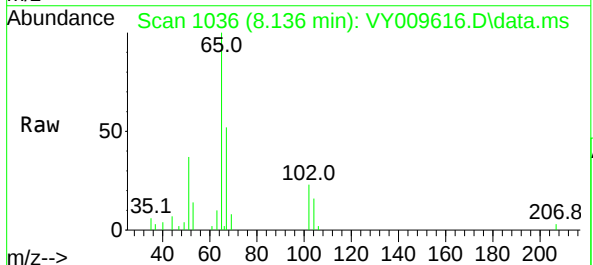


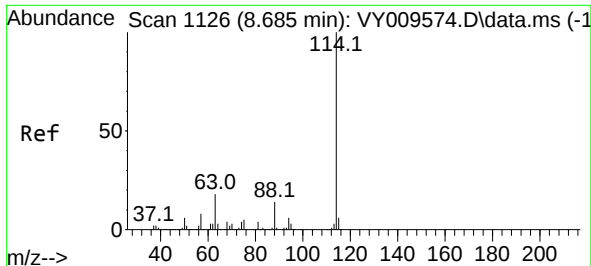
Tgt Ion: 84 Resp: 4356
Ion Ratio Lower Upper
84 100
49 101.6 114.4 171.6#
51 32.2 35.3 52.9#
86 59.9 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 40.823 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

Tgt Ion: 65 Resp: 8282
Ion Ratio Lower Upper
65 100
67 52.7 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: VY009616.D

Acq: 20 Jul 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

OVS-12-12.5

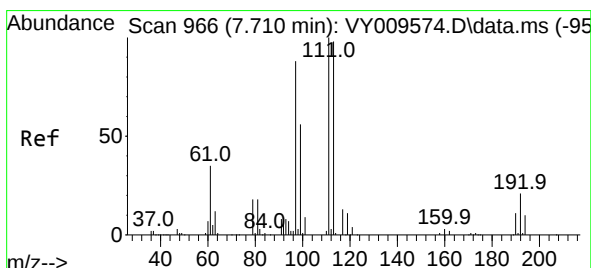
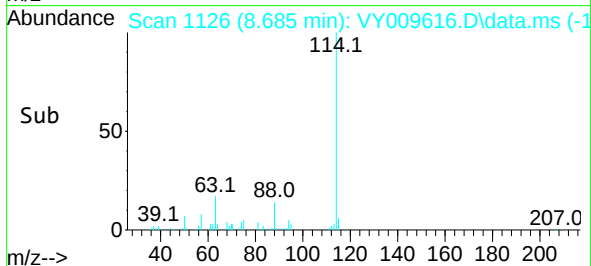
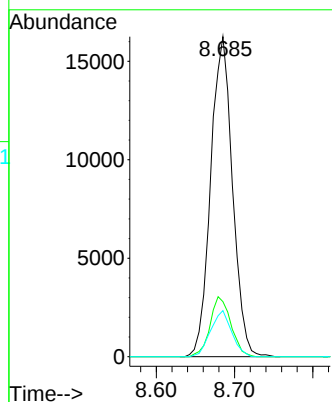
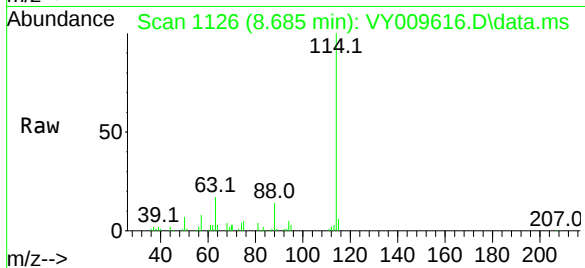
Tgt Ion:114 Resp: 31458

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 30.214 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009616.D

Acq: 20 Jul 2022 16:42

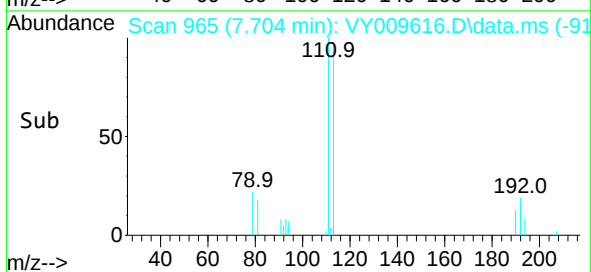
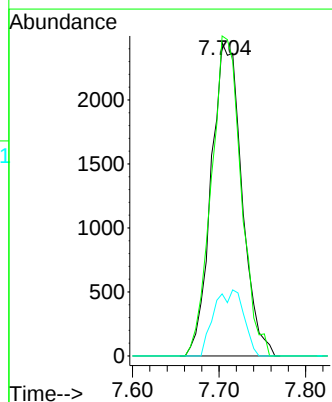
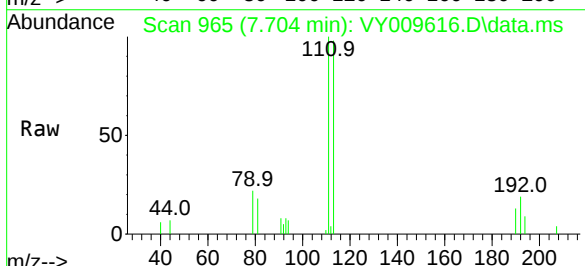
Tgt Ion:113 Resp: 5988

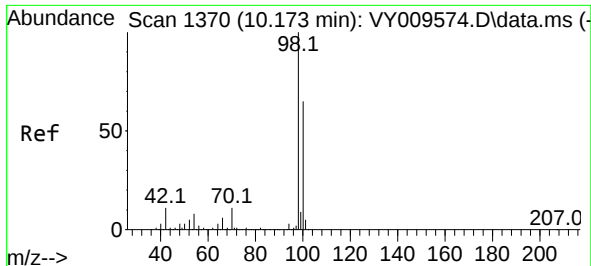
Ion Ratio Lower Upper

113 100

111 99.3 82.6 124.0

192 20.6 17.6 26.4

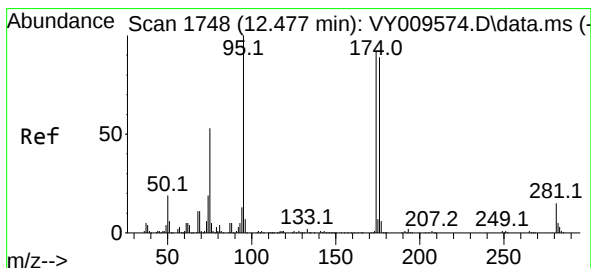
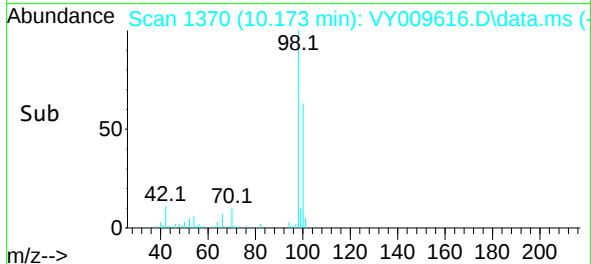
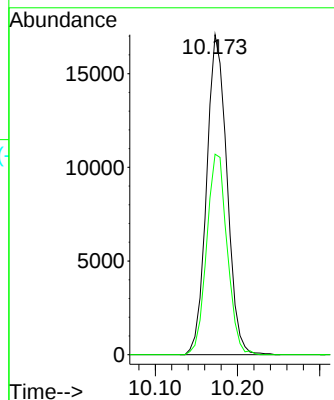
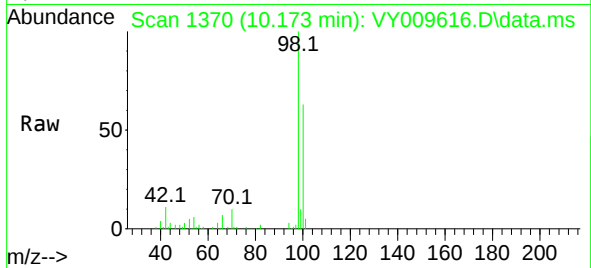




#50
Toluene-d8
Concen: 38.471 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

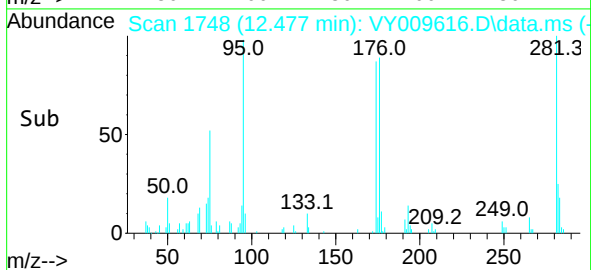
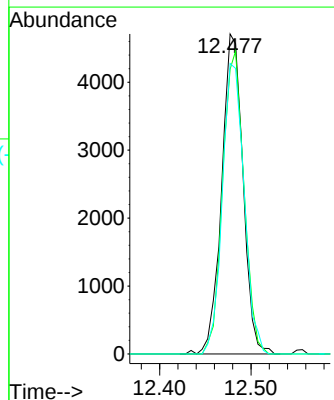
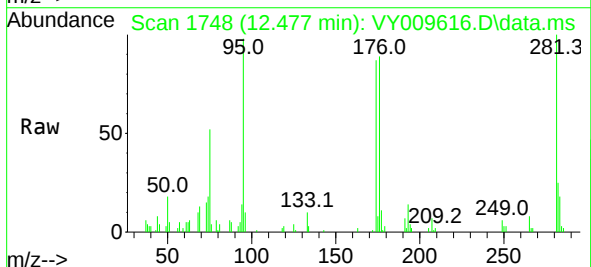
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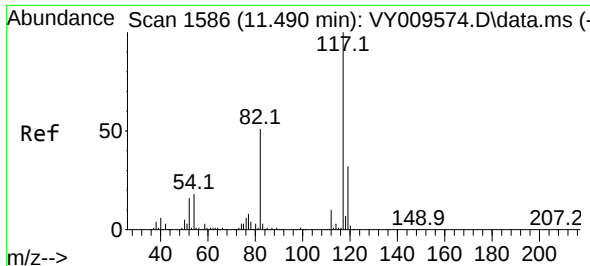
Tgt Ion: 98 Resp: 29310
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 30.943 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

Tgt Ion: 95 Resp: 7639
Ion Ratio Lower Upper
95 100
174 94.3 0.0 177.0
176 92.6 0.0 175.8

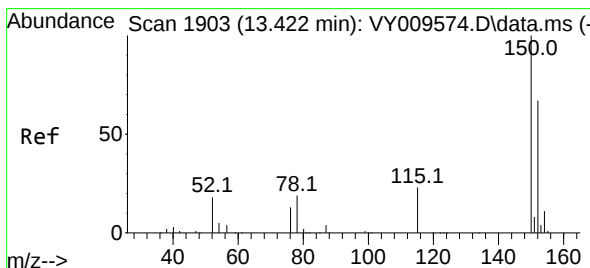
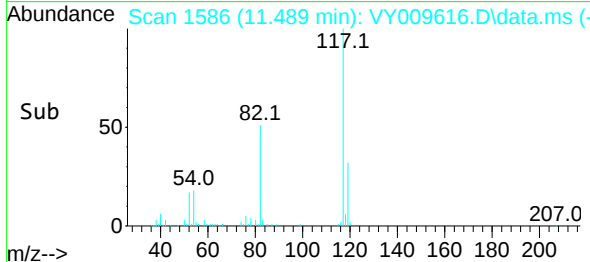
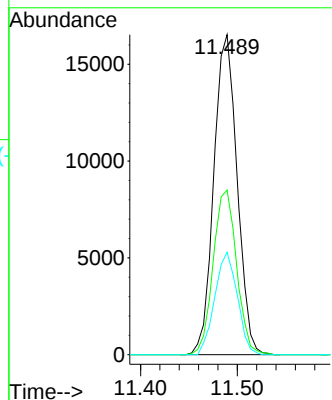
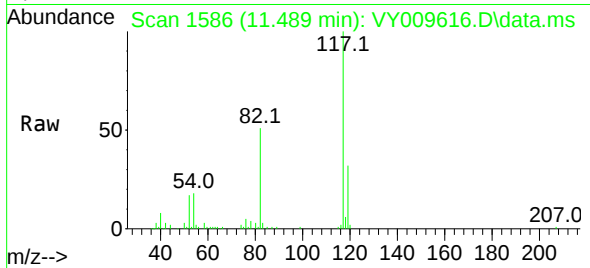




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

Instrument :
MSVOA_Y
ClientSampleId :
OWS-12-12.5

Tgt Ion:117 Resp: 27637
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009616.D
Acq: 20 Jul 2022 16:42

Tgt Ion:152 Resp: 10673
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 153.5 0.0 347.6

