

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009589.D
 Acq On : 19 Jul 2022 15:05
 Operator : KP/MD
 Sample : N3724-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-1-071422

Quant Time: Jul 19 15:37:54 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)

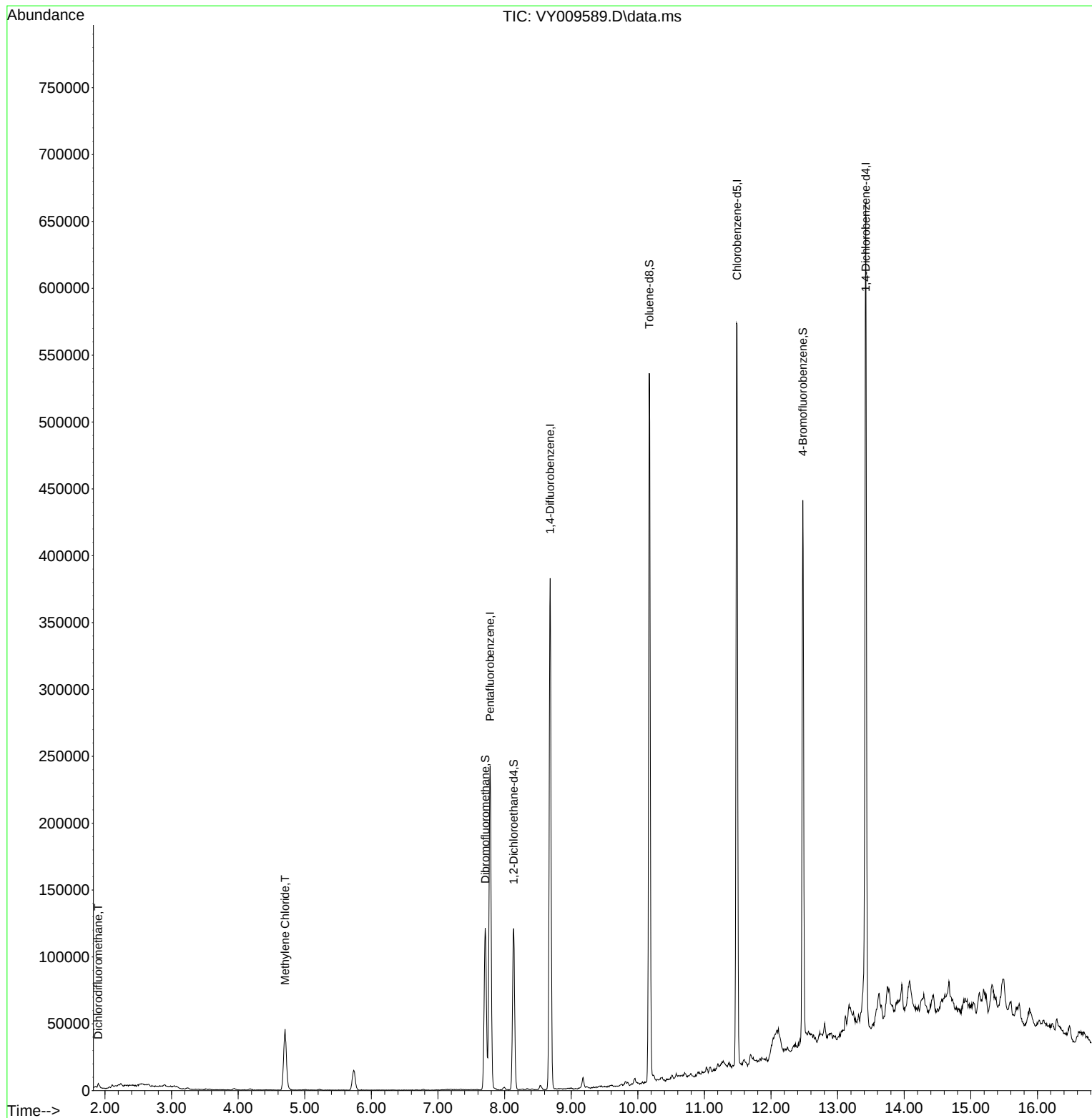
Internal Standards						
1) Pentafluorobenzene	7.783	168	196974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90736	48.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.420%
35) Dibromofluoromethane	7.710	113	87409	41.481	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.960%
50) Toluene-d8	10.173	98	342427	42.271	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	84.540%
62) 4-Bromofluorobenzene	12.477	95	119398	45.487	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	90.980%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	2835	1.640	ug/l	98
20) Methylene Chloride	4.704	84	33532	5.340	ug/l #	87

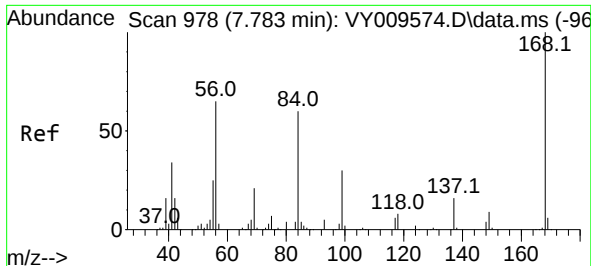
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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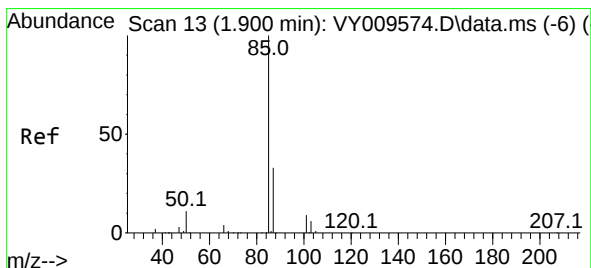
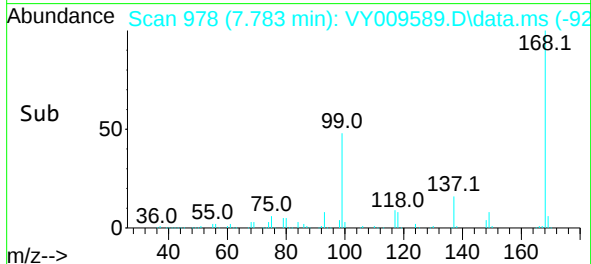
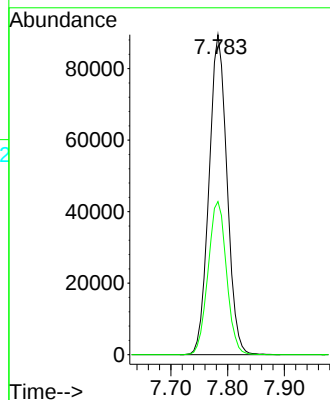
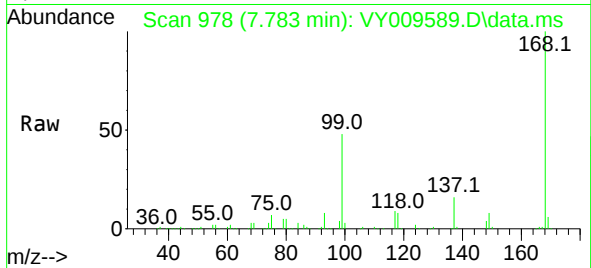




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009589.D
Acq: 19 Jul 2022 15:05

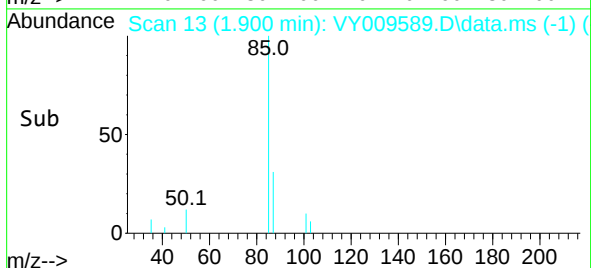
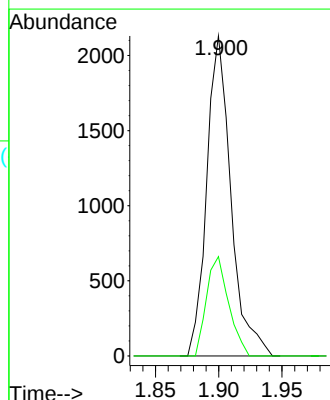
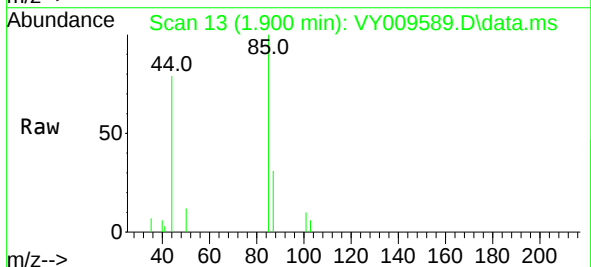
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-071422

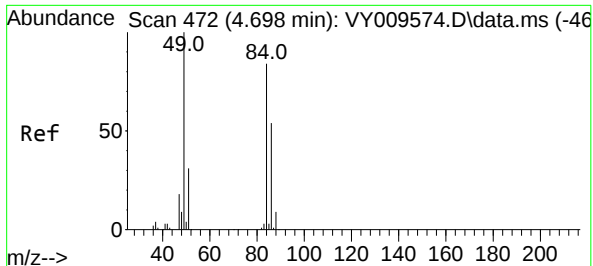
Tgt Ion:168 Resp: 196974
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.640 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009589.D
Acq: 19 Jul 2022 15:05

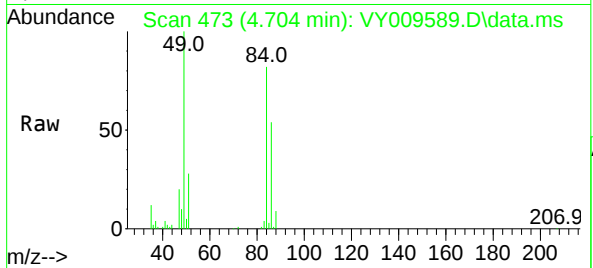
Tgt Ion: 85 Resp: 2835
Ion Ratio Lower Upper
85 100
87 31.0 16.1 48.2



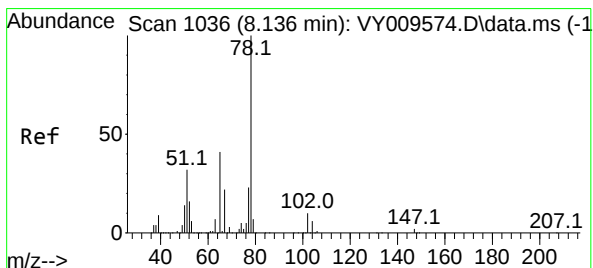
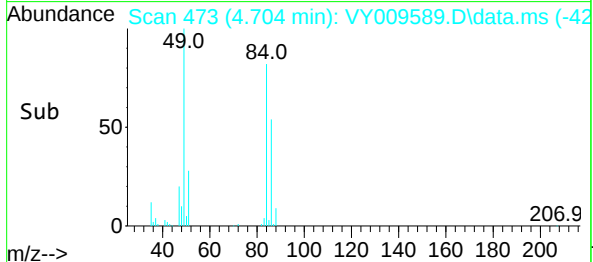
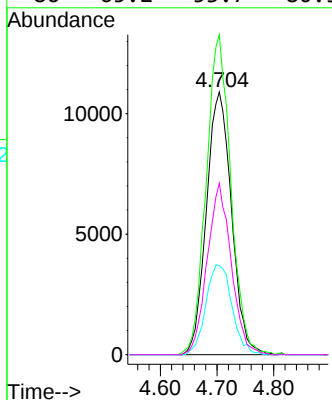


#20
Methylene Chloride
Concen: 5.340 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009589.D
Acq: 19 Jul 2022 15:05

Instrument :
MSVOA_Y
ClientSampleId :
EO-1-071422

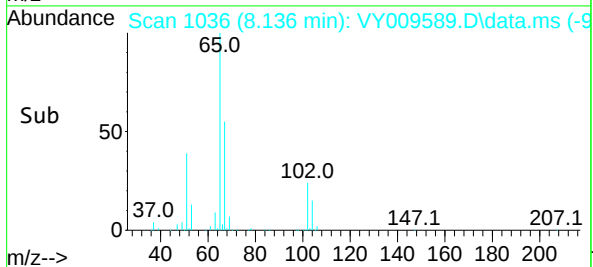
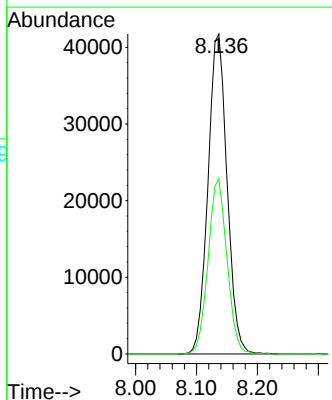
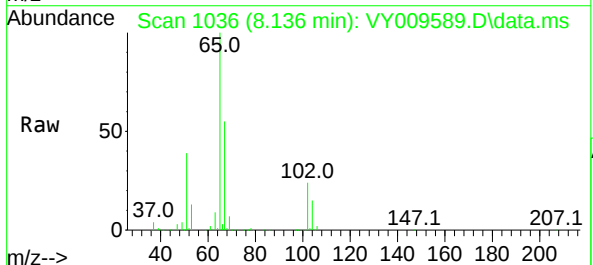


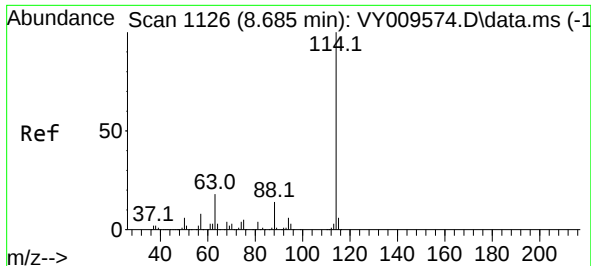
Tgt Ion: 84 Resp: 33532
Ion Ratio Lower Upper
84 100
49 121.8 114.4 171.6
51 33.9 35.3 52.9#
86 65.2 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 48.707 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009589.D
Acq: 19 Jul 2022 15:05

Tgt Ion: 65 Resp: 90736
Ion Ratio Lower Upper
65 100
67 54.3 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: VY009589.D

Acq: 19 Jul 2022 15:05

Instrument :

MSVOA_Y

ClientSampleId :

EO-1-071422

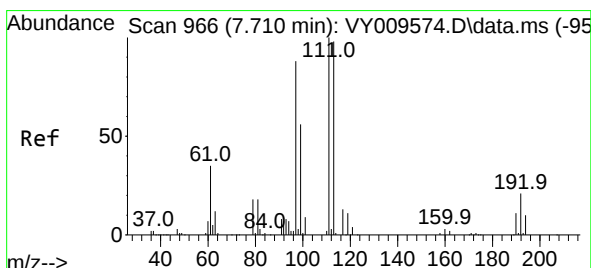
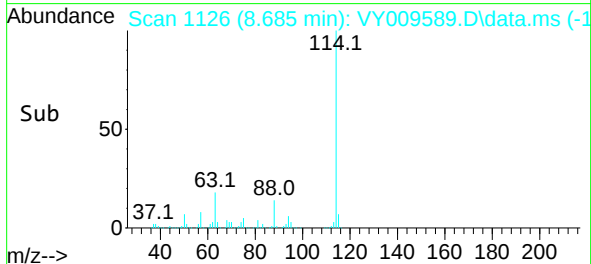
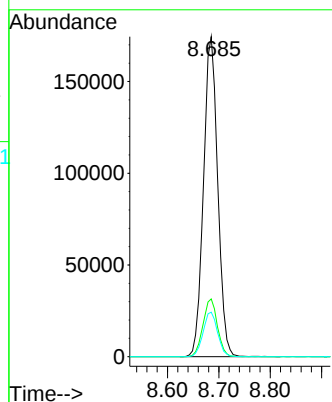
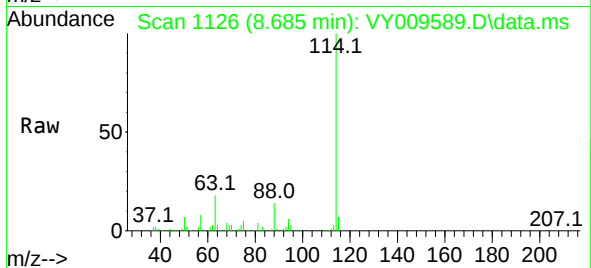
Tgt Ion:114 Resp: 334480

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.481 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009589.D

Acq: 19 Jul 2022 15:05

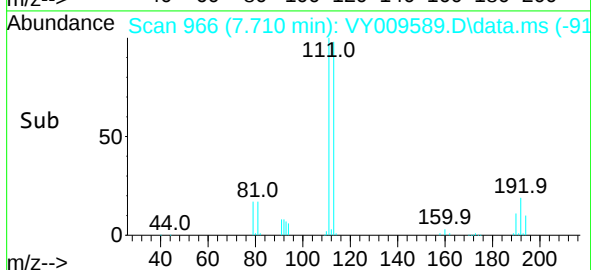
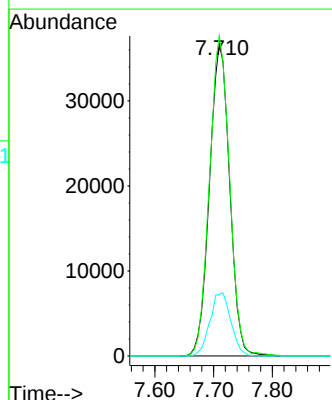
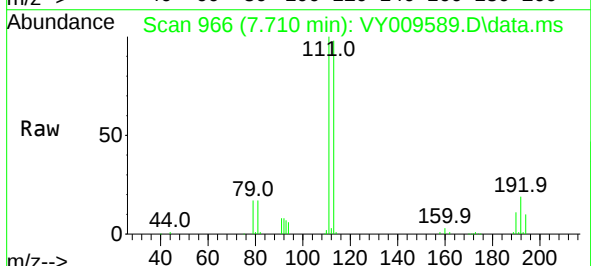
Tgt Ion:113 Resp: 87409

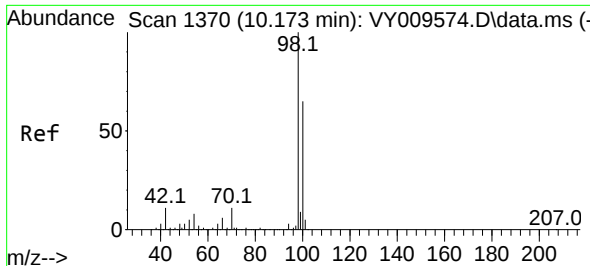
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 21.0 17.6 26.4

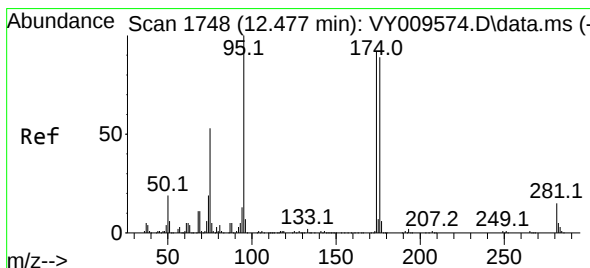
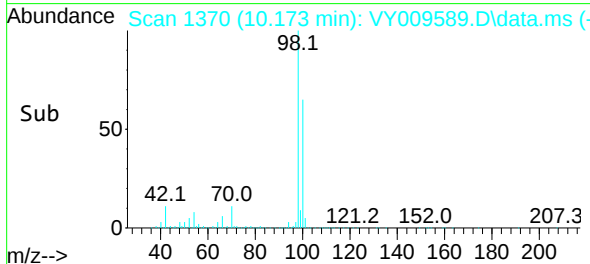
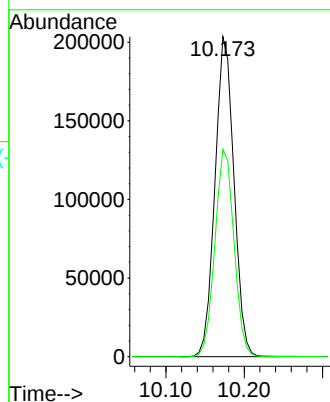
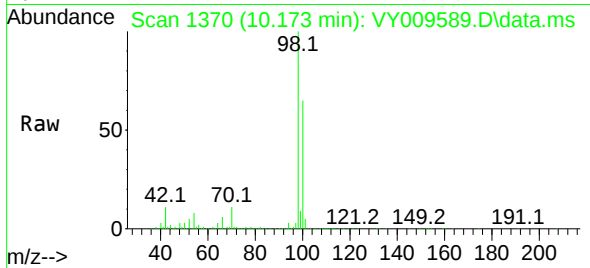




#50
Toluene-d8
Concen: 42.271 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009589.D
Acq: 19 Jul 2022 15:05

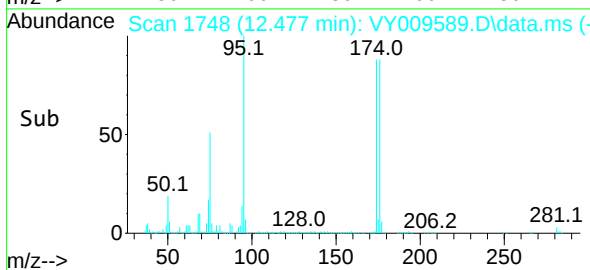
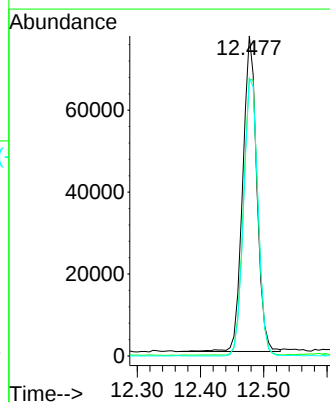
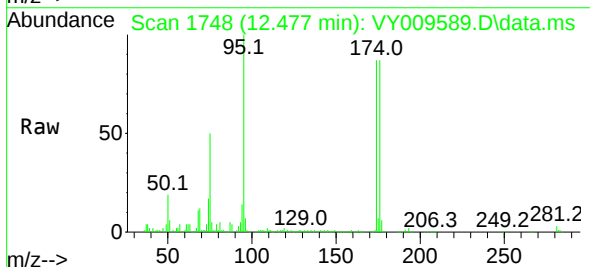
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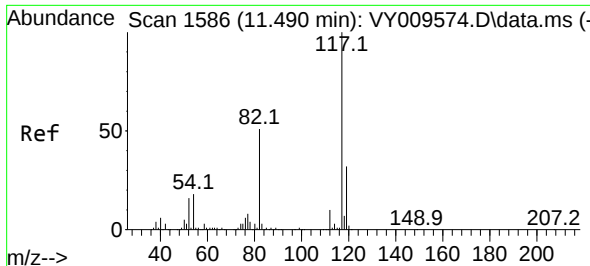
Tgt Ion: 98 Resp: 342427
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.487 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009589.D
Acq: 19 Jul 2022 15:05

Tgt Ion: 95 Resp: 119398
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 89.6 0.0 175.8

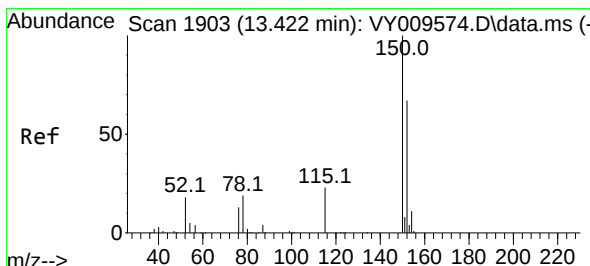
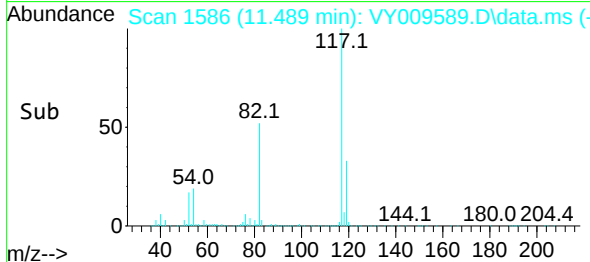
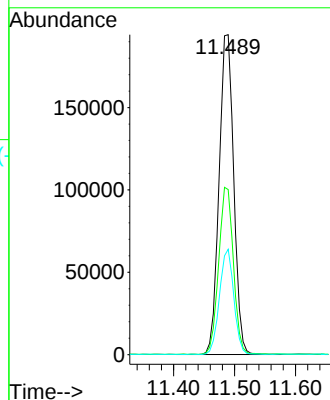
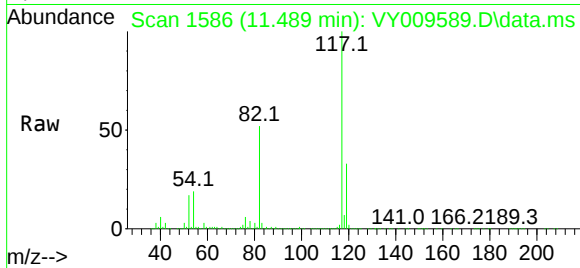




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009589.D
Acq: 19 Jul 2022 15:05

Instrument :
MSVOA_Y
ClientSampleId :
EO-1-071422

Tgt Ion:117 Resp: 324409
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.9 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: VY009589.D
Acq: 19 Jul 2022 15:05

Tgt Ion:152 Resp: 157709
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 157.5 0.0 347.6

