

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009772.D
 Acq On : 29 Jul 2022 15:05
 Operator : KP/MD
 Sample : N3878-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 200-E-5TH-ST-DIRT-STONE-ASPHALT

Quant Time: Aug 01 01:13:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

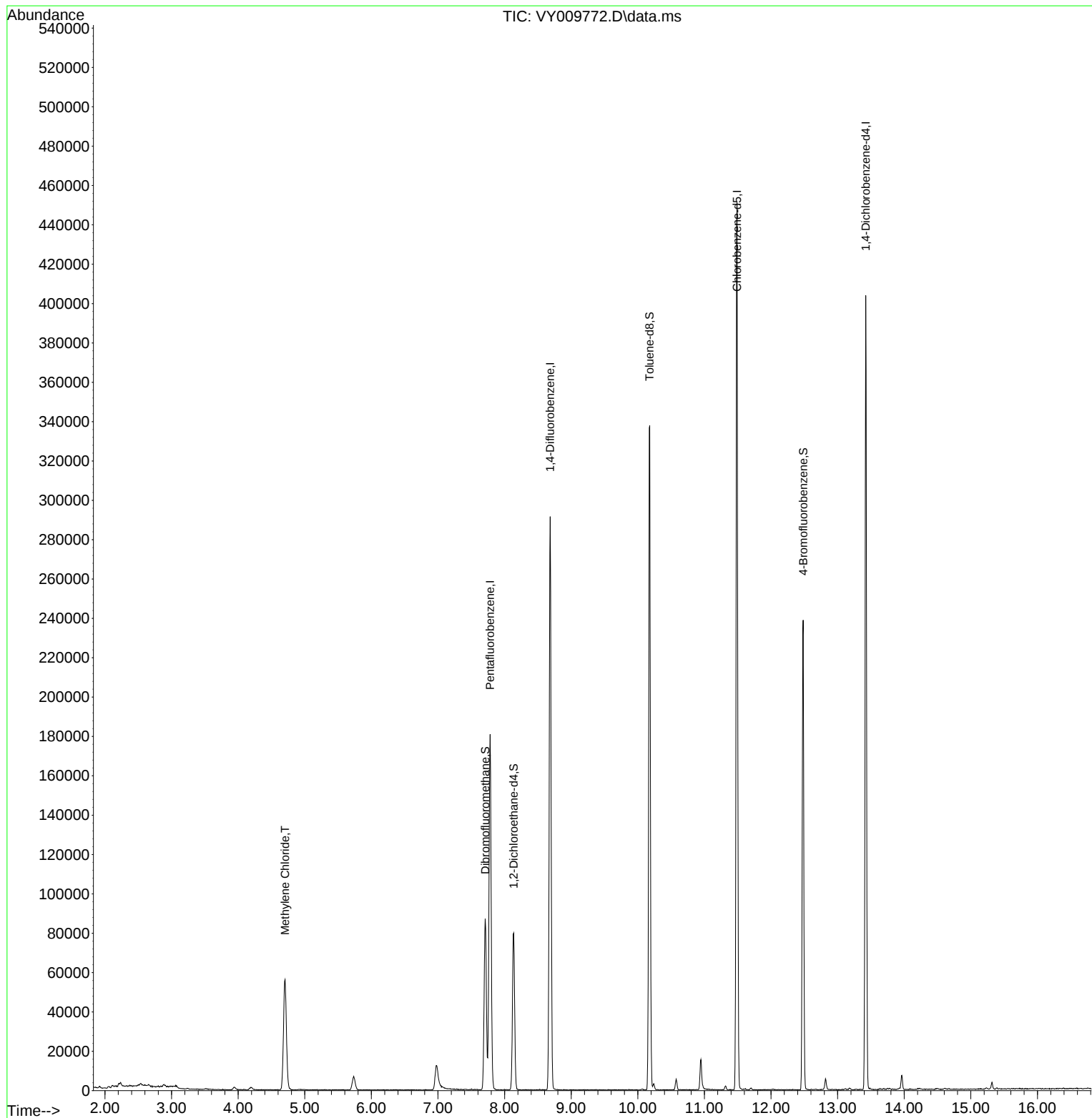
Internal Standards						
1) Pentafluorobenzene	7.783	168	149962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	257878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62445	64.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.020%
35) Dibromofluoromethane	7.710	113	61239	43.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.320%
50) Toluene-d8	10.179	98	222431	54.868	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	109.740%
62) 4-Bromofluorobenzene	12.483	95	66448	35.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	71.460%
Target Compounds						
20) Methylene Chloride	4.704	84	43729	19.498	ug/l	Qvalue 85

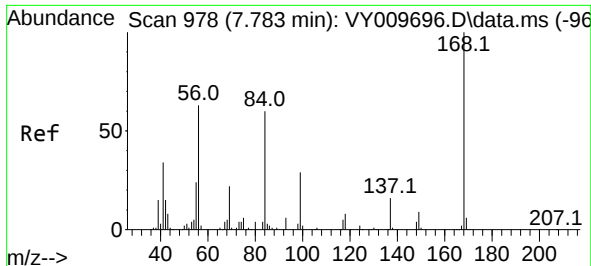
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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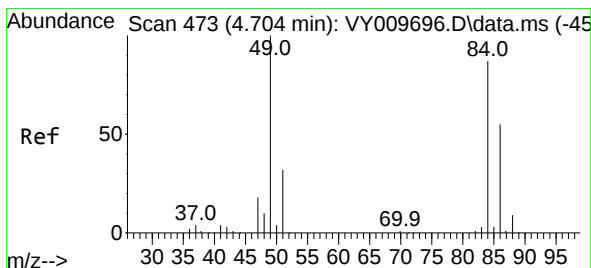
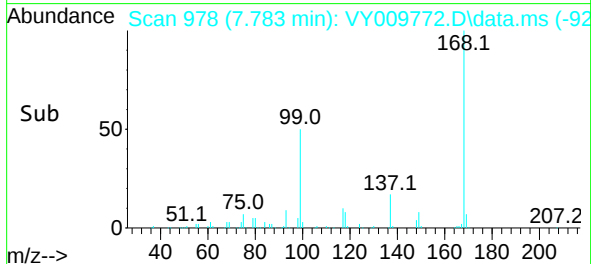
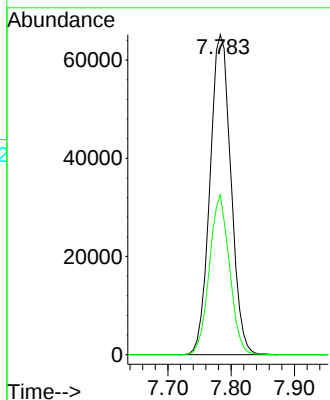
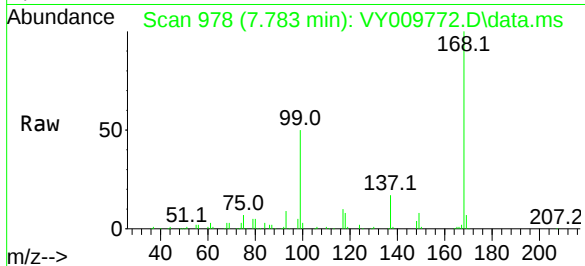




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009772.D
Acq: 29 Jul 2022 15:05

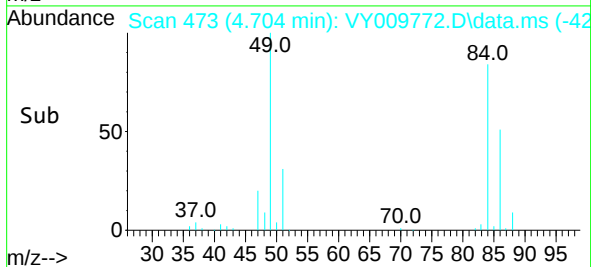
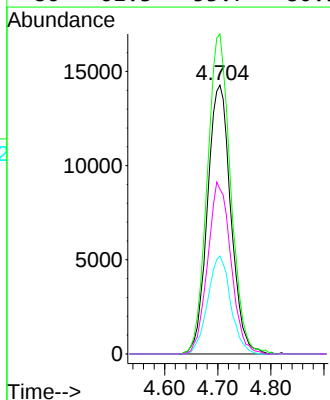
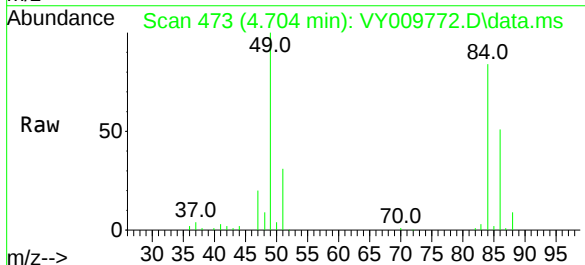
Instrument :
MSVOA_Y
ClientSampleId :
200-E-5TH-ST-DIRT-STONE-ASPHALT

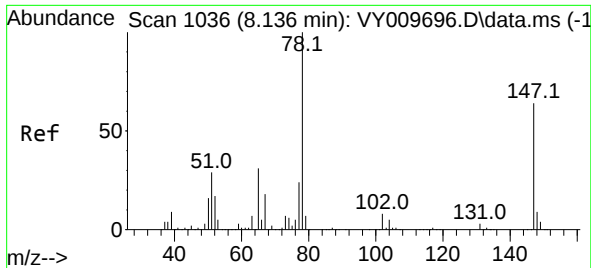
Tgt Ion:168 Resp: 149962
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#20
Methylene Chloride
Concen: 19.498 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009772.D
Acq: 29 Jul 2022 15:05

Tgt Ion: 84 Resp: 43729
Ion Ratio Lower Upper
84 100
49 119.1 114.4 171.6
51 36.4 35.3 52.9
86 61.3 53.7 80.5

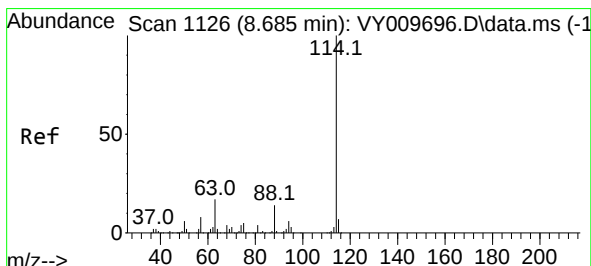
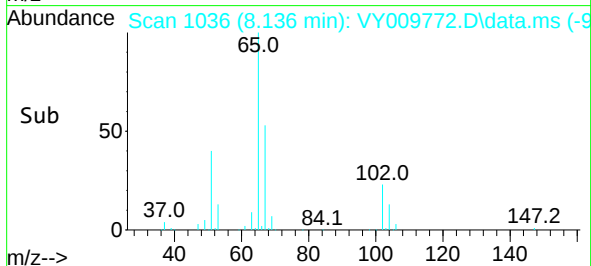
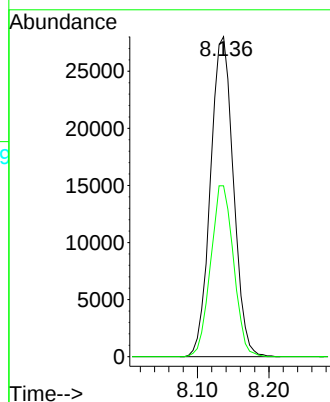
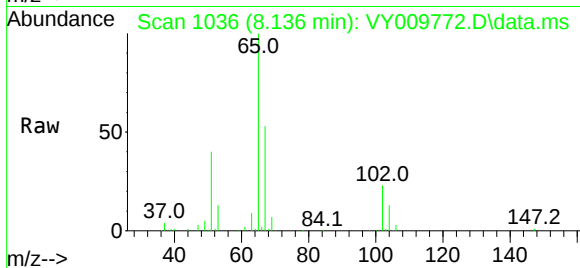




#33
 1,2-Dichloroethane-d4
 Concen: 64.007 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY009772.D
 Acq: 29 Jul 2022 15:05

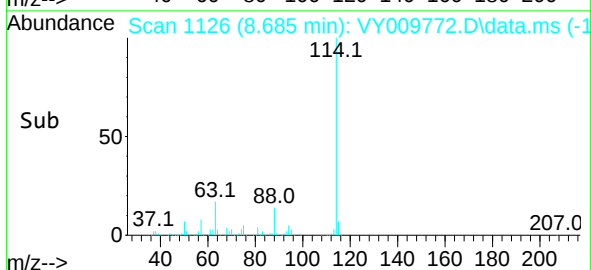
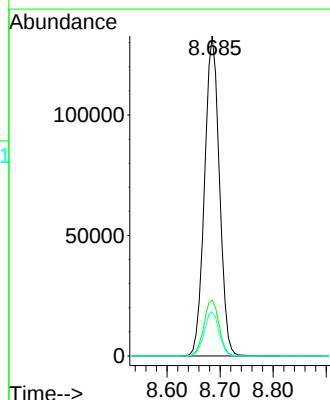
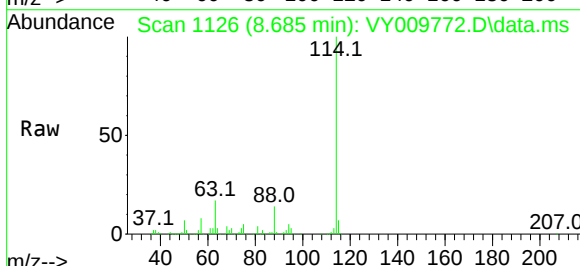
Instrument : MSVOA_Y
 ClientSampleId : 200-E-5TH-ST-DIRT-STONE-ASPHALT

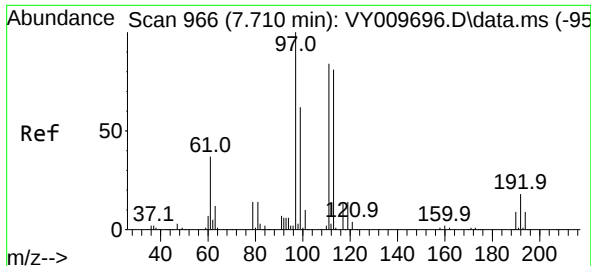
Tgt Ion: 65 Resp: 62445
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY009772.D
 Acq: 29 Jul 2022 15:05

Tgt Ion: 114 Resp: 257878
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 43.2
 88 13.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 43.663 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY009772.D

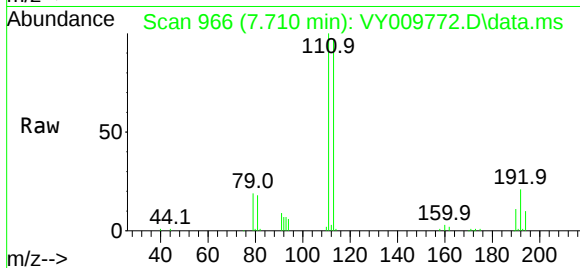
Acq: 29 Jul 2022 15:05

Instrument :

MSVOA_Y

ClientSampleId :

200-E-5TH-ST-DIRT-STONE-ASPHALT



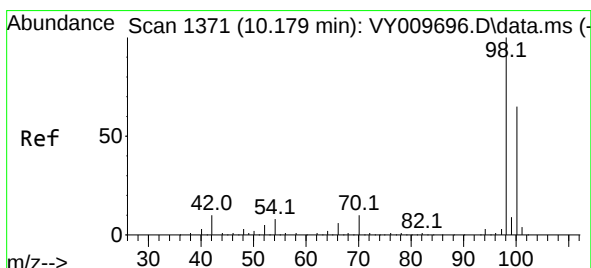
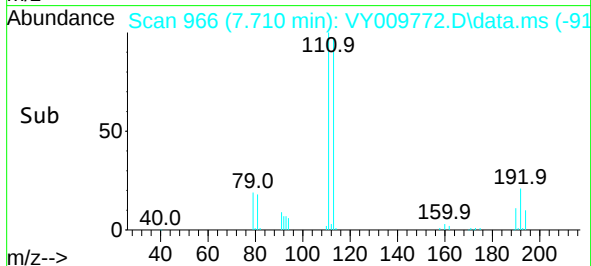
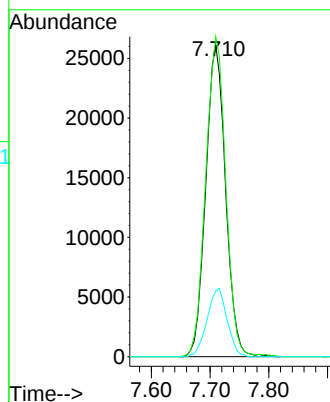
Tgt Ion:113 Resp: 61239

Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 22.0 17.6 26.4



#50

Toluene-d8

Concen: 54.868 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009772.D

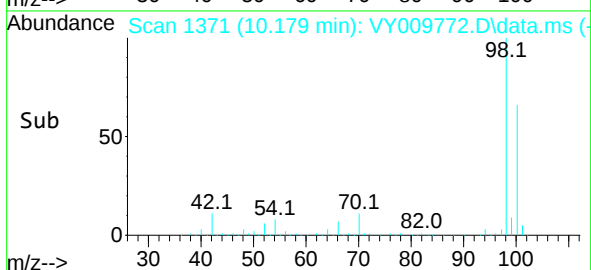
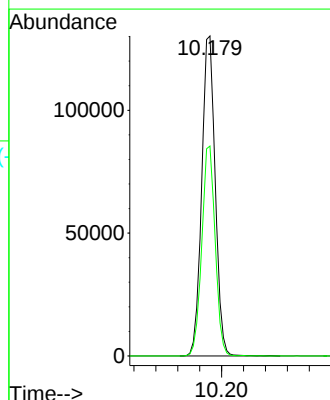
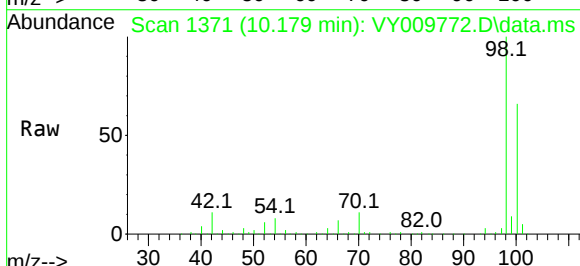
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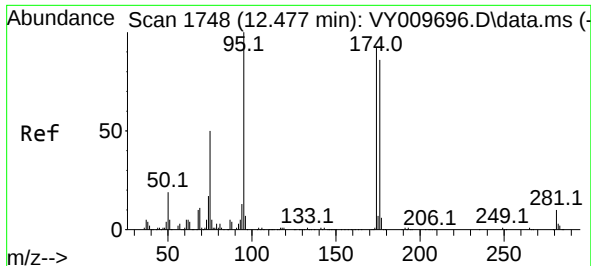
Tgt Ion: 98 Resp: 222431

Ion Ratio Lower Upper

98 100

100 65.0 50.2 75.2

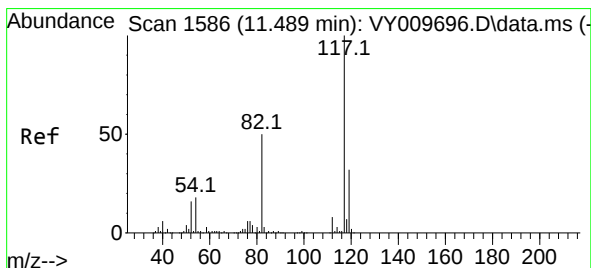
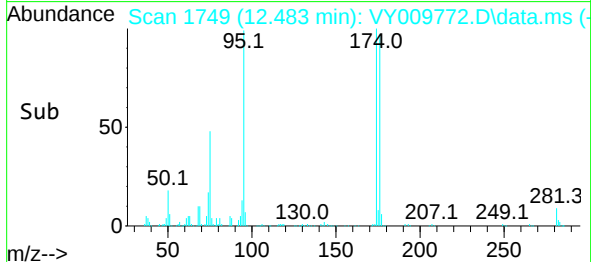
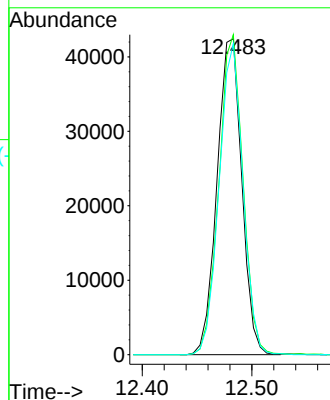
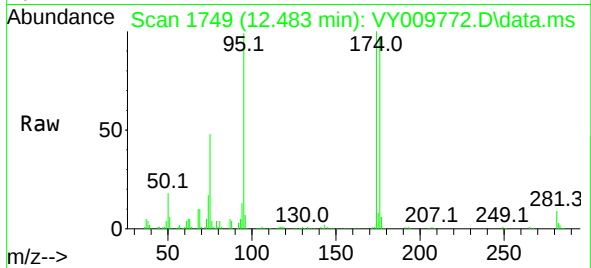




#62
4-Bromofluorobenzene
Concen: 35.730 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009772.D
Acq: 29 Jul 2022 15:05

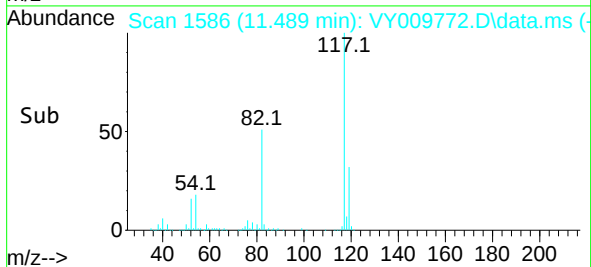
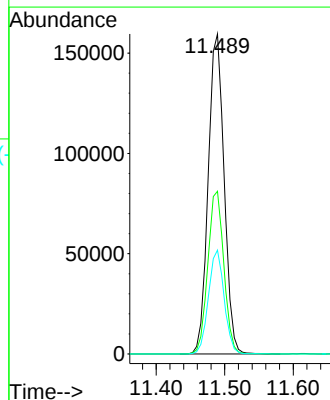
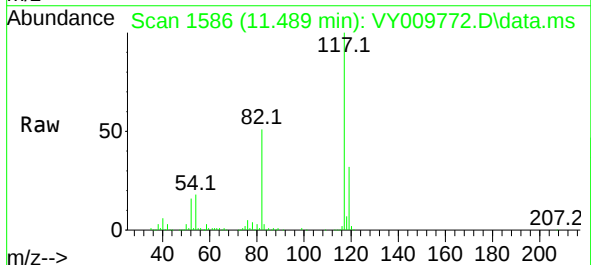
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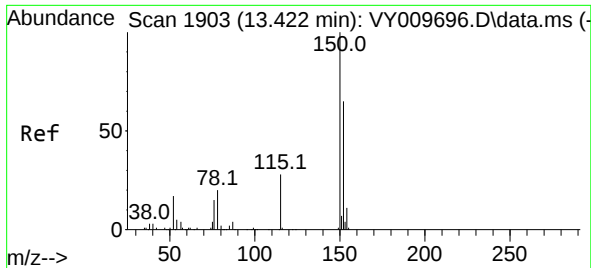
Tgt Ion: 95 Resp: 66448
Ion Ratio Lower Upper
95 100
174 98.5 0.0 177.0
176 94.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009772.D
Acq: 29 Jul 2022 15:05

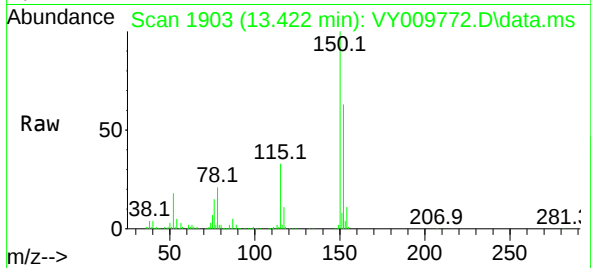
Tgt Ion: 117 Resp: 258250
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 32.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009772.D
 Acq: 29 Jul 2022 15:05

Instrument : MSVOA_Y
 ClientSampleId : 200-E-5TH-ST-DIRT-STONE-ASPHALT



Tgt Ion:	152	Resp:	106319
Ion	Ratio	Lower	Upper
152	100		
115	54.5	28.2	84.7
150	158.4	0.0	347.6

