

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009745.D
 Acq On : 28 Jul 2022 12:53
 Operator : KP/MD
 Sample : N3894-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-24

Quant Time: Jul 29 02:55:59 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)

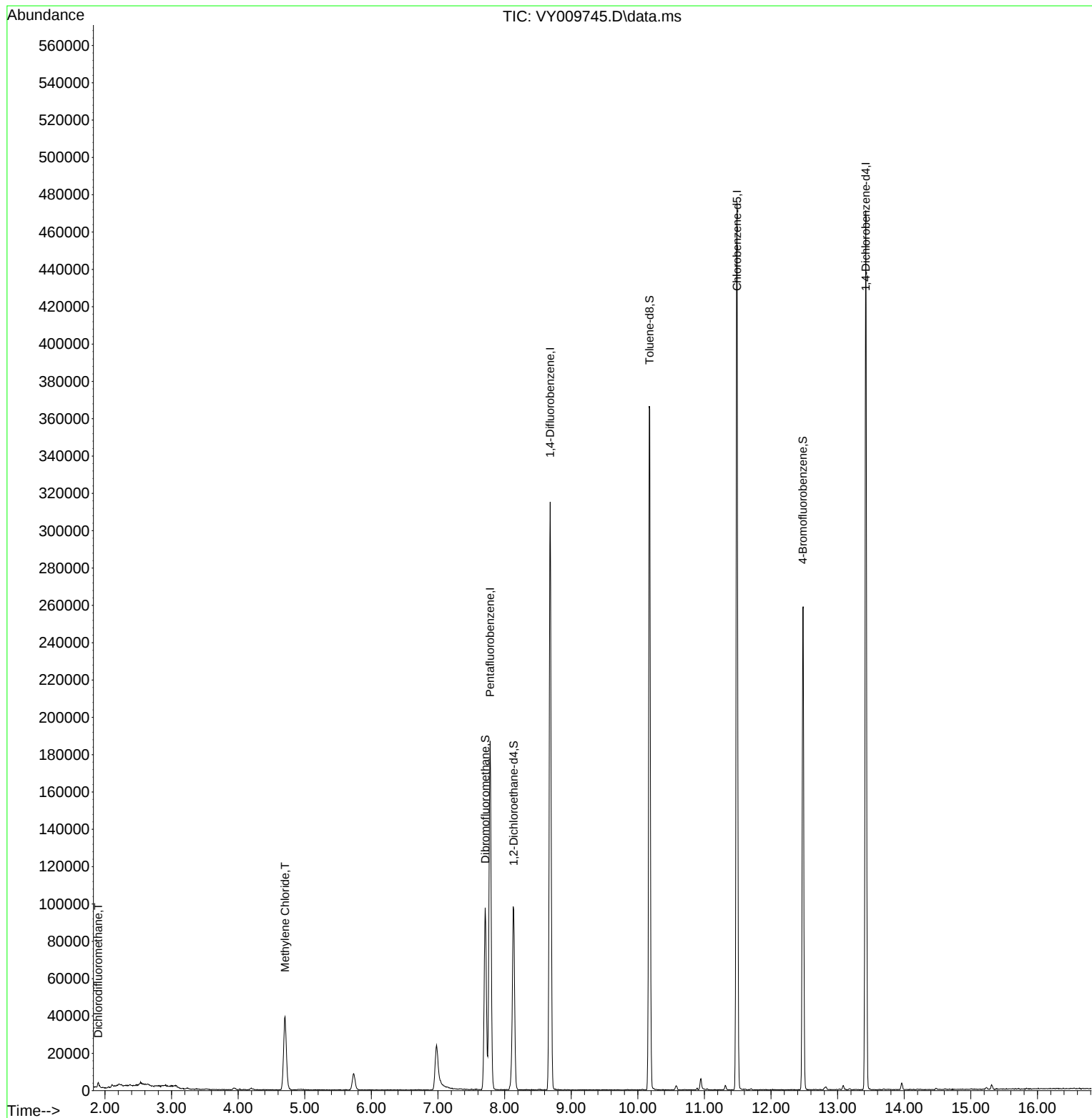
Internal Standards						
1) Pentafluorobenzene	7.783	168	153643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	277635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	268753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73044	73.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	147.780%
35) Dibromofluoromethane	7.710	113	68136	45.124	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.240%
50) Toluene-d8	10.179	98	243997	55.992	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	111.980%
62) 4-Bromofluorobenzene	12.477	95	75032	37.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	74.940%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	2321	1.697	ug/l	93
20) Methylene Chloride	4.704	84	29012	8.394	ug/l #	82

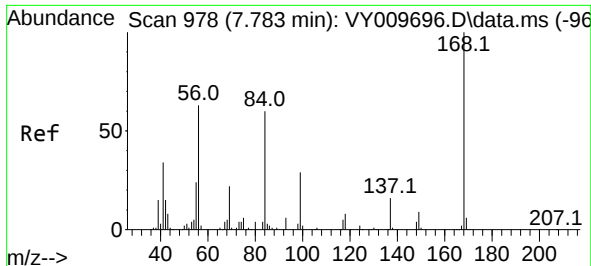
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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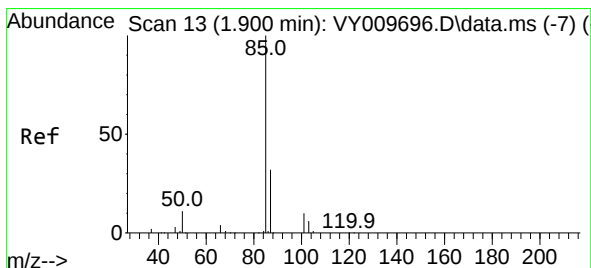
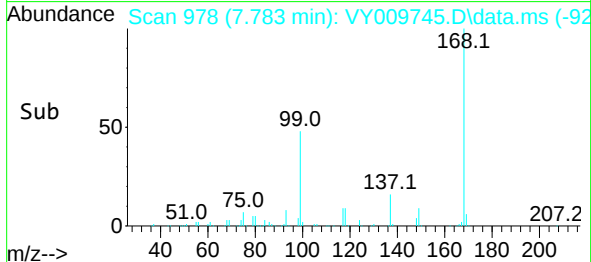
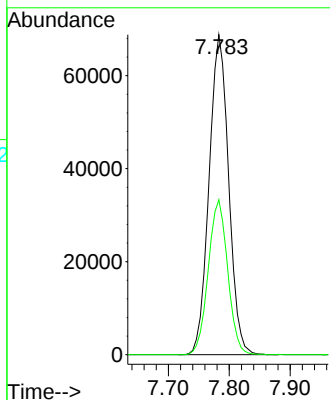
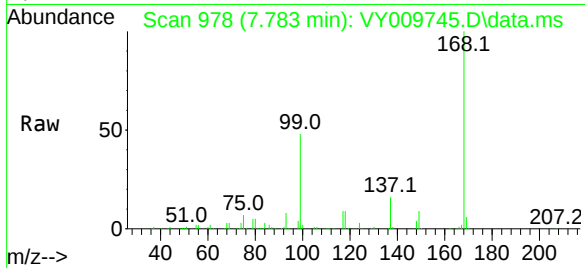




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

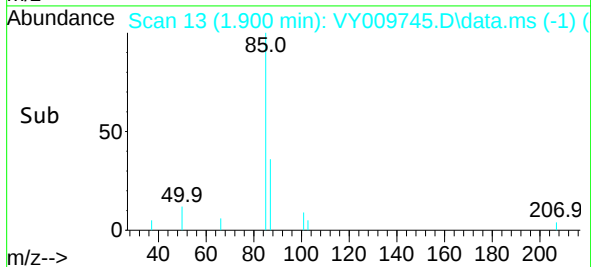
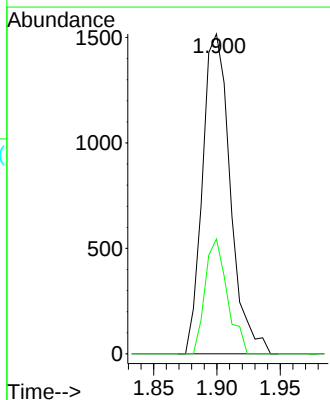
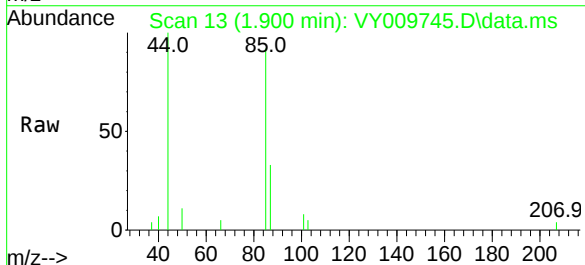
Instrument :
MSVOA_Y
ClientSampleId :
RVE-24

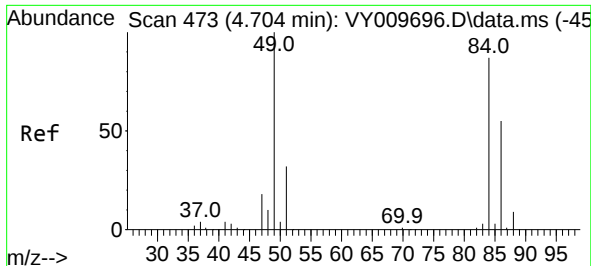
Tgt Ion:168 Resp: 153643
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.697 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Tgt Ion: 85 Resp: 2321
Ion Ratio Lower Upper
85 100
87 35.9 16.1 48.2





#20

Methylene Chloride

Concen: 8.394 ug/l

RT: 4.704 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY009745.D

Acq: 28 Jul 2022 12:53

Instrument :

MSVOA_Y

ClientSampleId :

RVE-24

Tgt Ion: 84 Resp: 29012

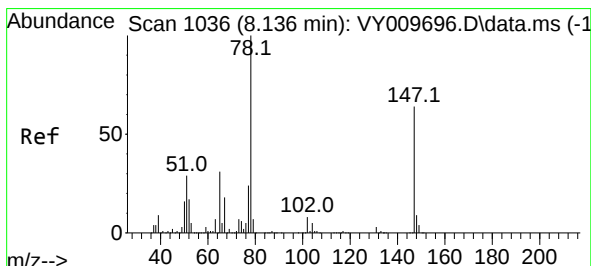
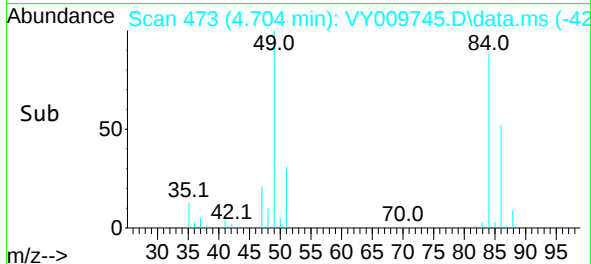
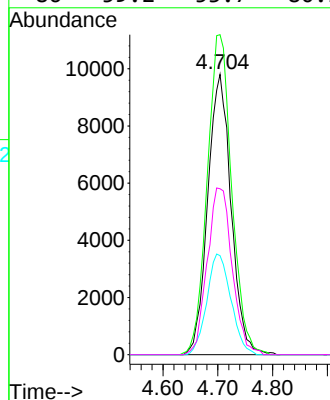
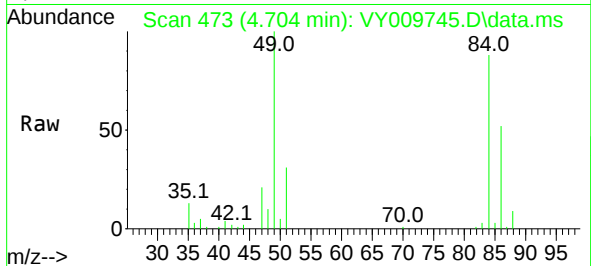
Ion Ratio Lower Upper

84 100

49 114.1 114.4 171.6#

51 35.3 35.3 52.9

86 59.2 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 73.892 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009745.D

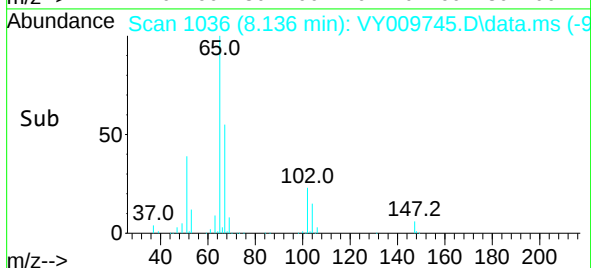
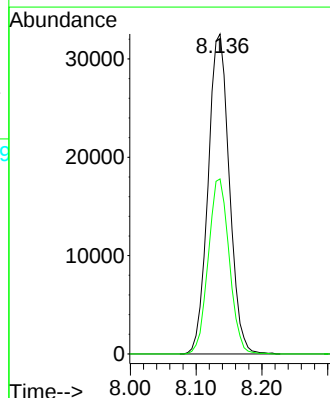
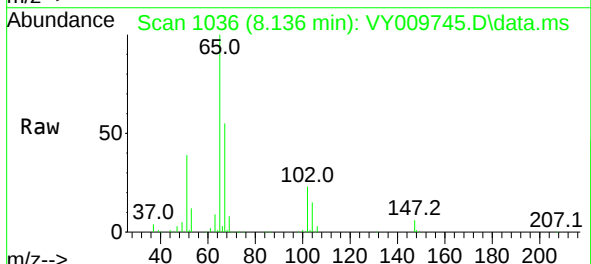
Acq: 28 Jul 2022 12:53

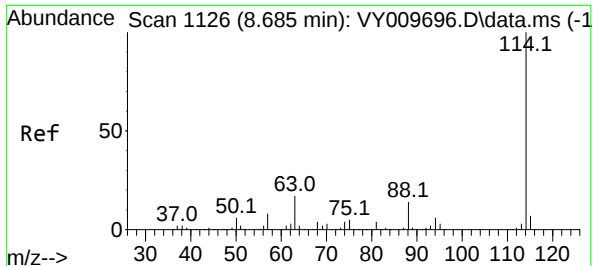
Tgt Ion: 65 Resp: 73044

Ion Ratio Lower Upper

65 100

67 54.0 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: VY009745.D

Acq: 28 Jul 2022 12:53

Instrument :

MSVOA_Y

ClientSampleId :

RVE-24

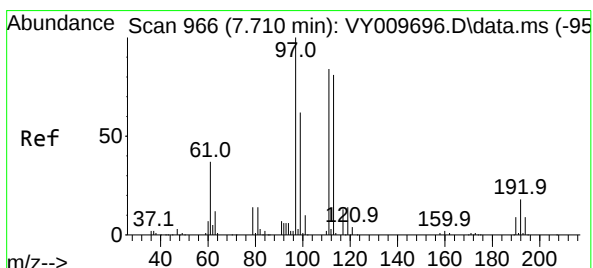
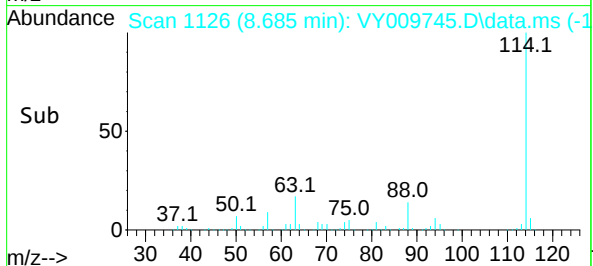
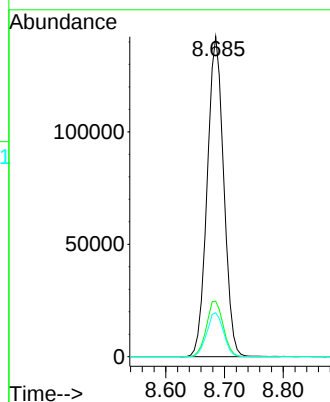
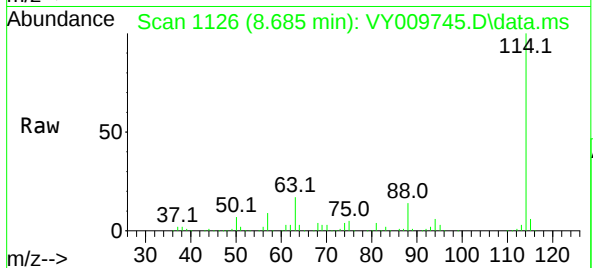
Tgt Ion:114 Resp: 277635

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.124 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009745.D

Acq: 28 Jul 2022 12:53

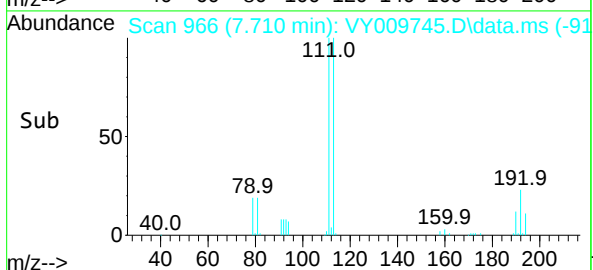
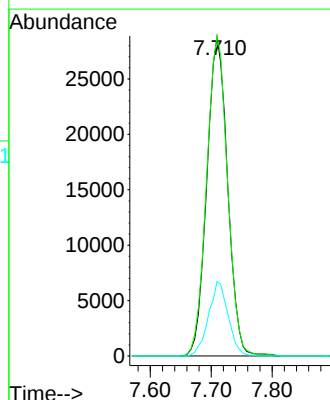
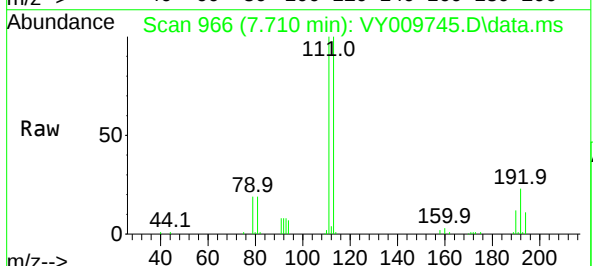
Tgt Ion:113 Resp: 68136

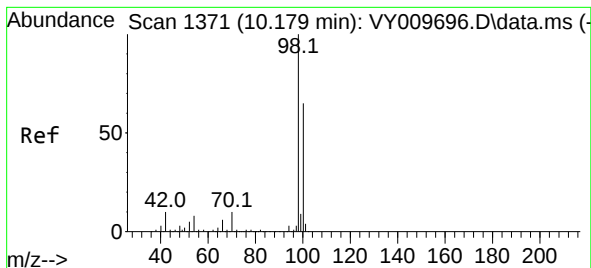
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 22.1 17.6 26.4

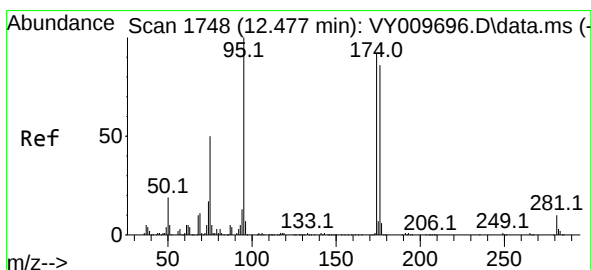
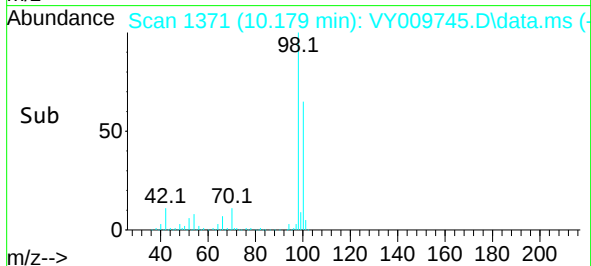
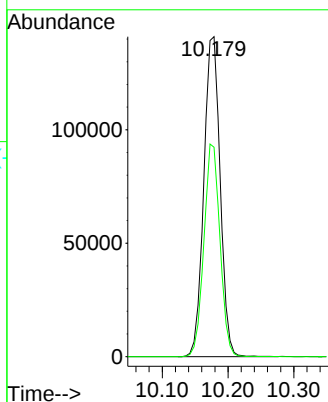
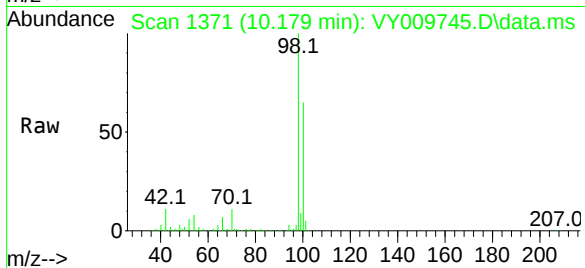




#50
Toluene-d8
Concen: 55.992 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

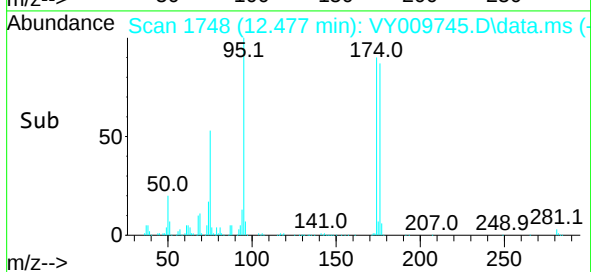
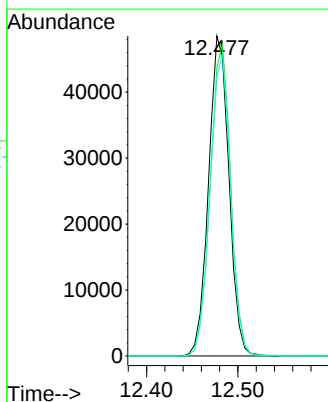
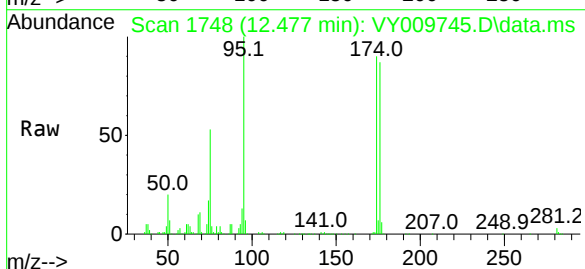
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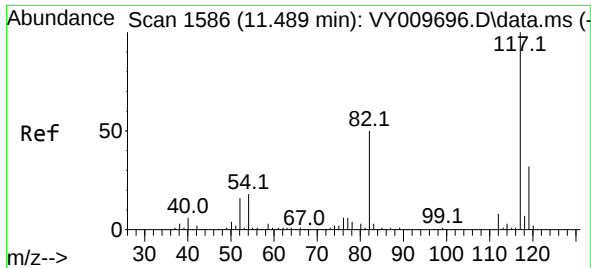
Tgt Ion: 98 Resp: 243997
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.475 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Tgt Ion: 95 Resp: 75032
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 94.8 0.0 175.8

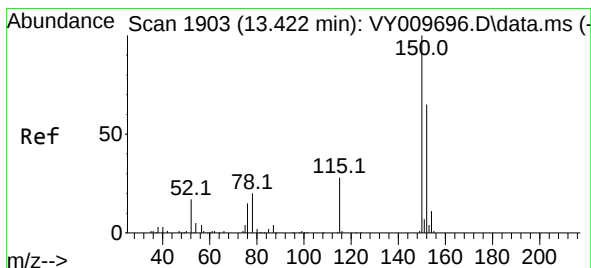
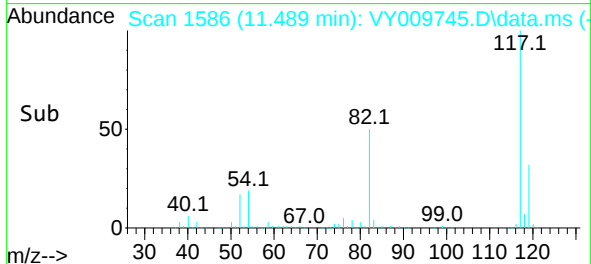
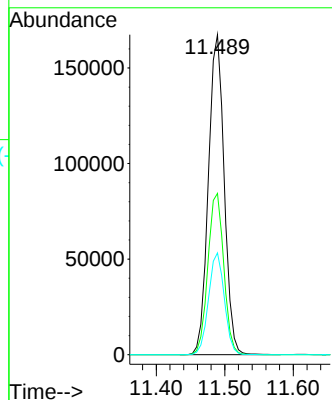
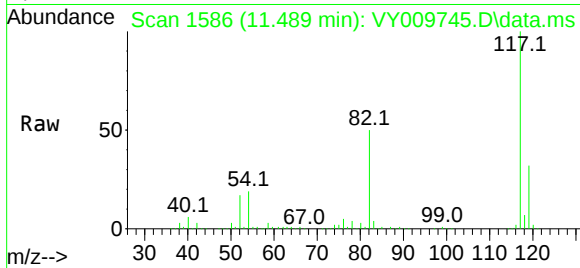




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009745.D
Acq: 28 Jul 2022 12:53

Instrument :
MSVOA_Y
ClientSampleId :
RVE-24

Tgt Ion:117 Resp: 268753
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 31.8 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: VY009745.D
Acq: 28 Jul 2022 12:53

Tgt Ion:152 Resp: 127856
Ion Ratio Lower Upper
152 100
115 53.3 28.2 84.7
150 155.1 0.0 347.6

