

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019628.D
 Acq On : 19 Sep 2024 12:51
 Operator : SY/MD
 Sample : P4088-15
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-09

Quant Time: Sep 20 01:28:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

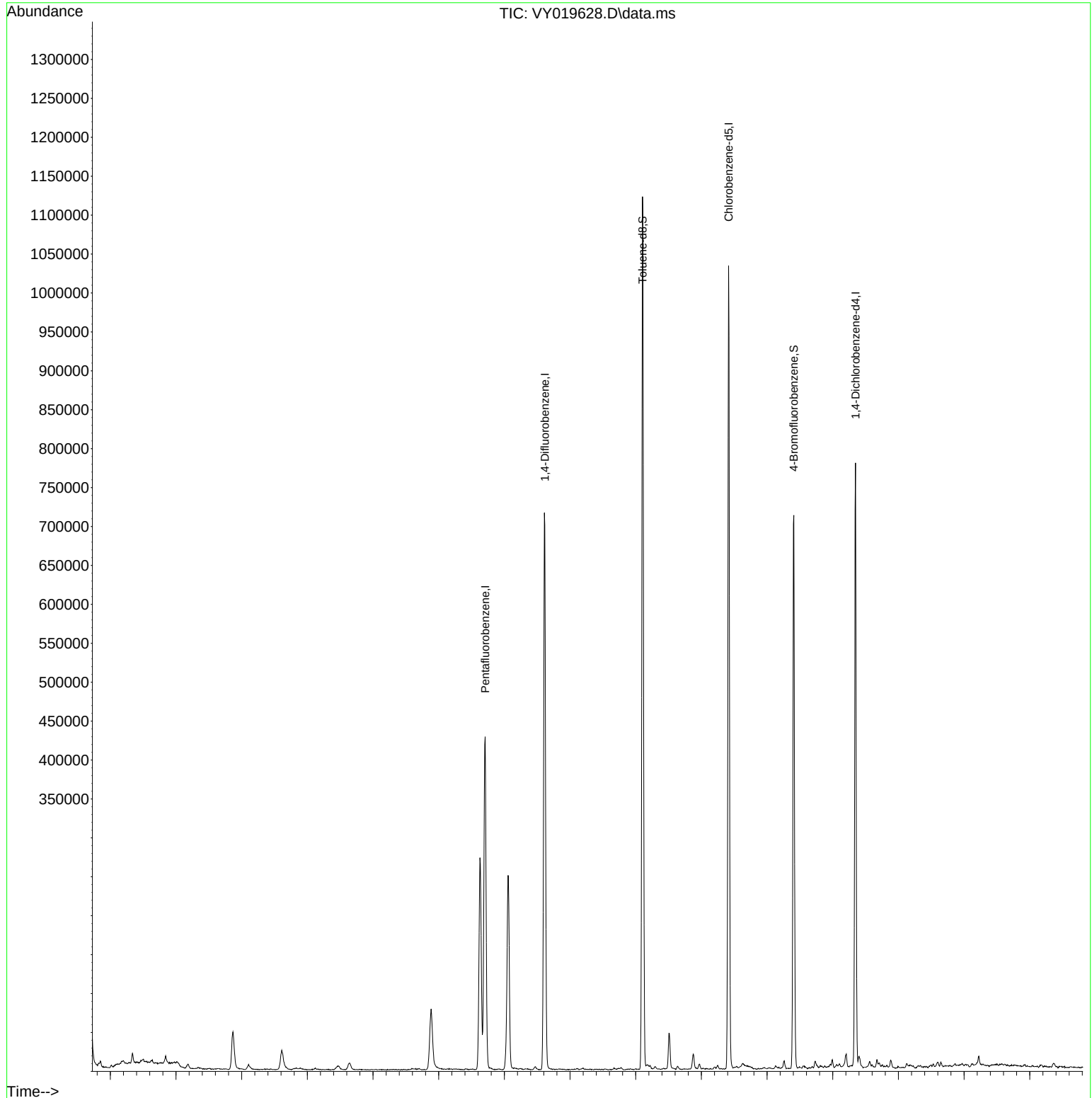
Internal Standards						
1) Pentafluorobenzene	7.707	168	314344	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	609347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	532221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	182131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	192232	66.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.080%
35) Dibromofluoromethane	7.628	113	196927	57.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.000%
50) Toluene-d8	10.103	98	720958	56.418	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.840%
62) 4-Bromofluorobenzene	12.408	95	217465	44.258	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.520%
Target Compounds						
16) Acetone	3.867	43	88713	127.931	ug/l	# 85
17) Carbon Disulfide	4.104	76	8457	1.122	ug/l	98

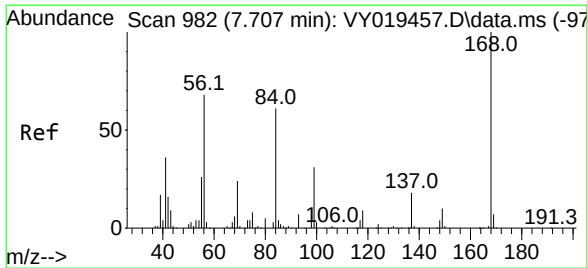
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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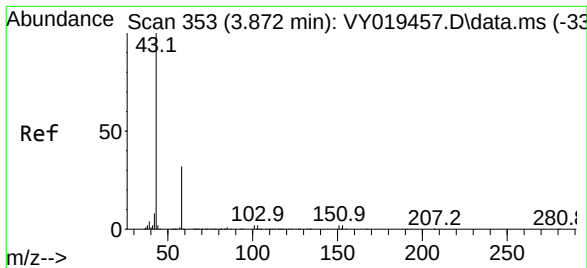
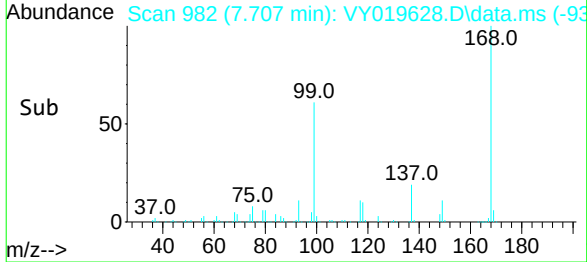
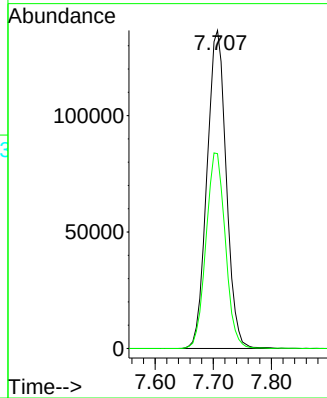
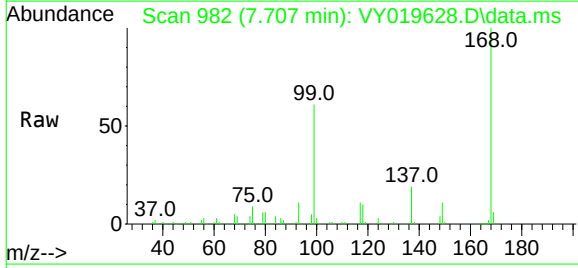




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

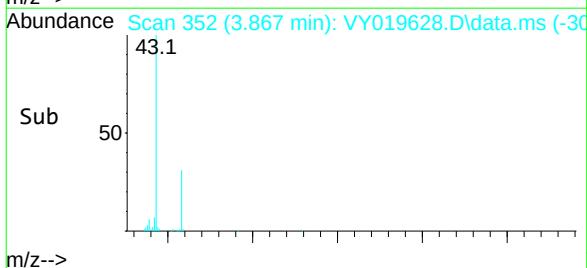
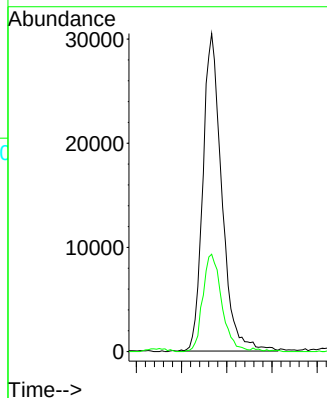
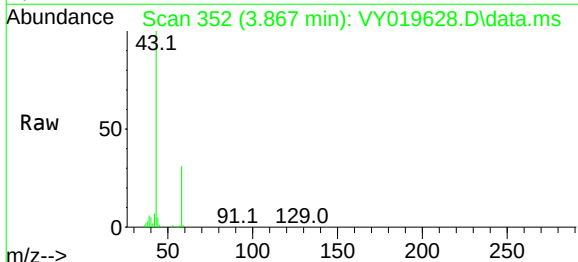
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-09

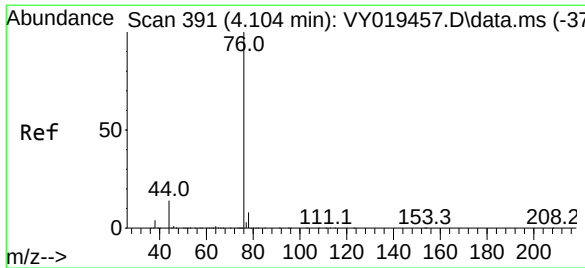
Tgt Ion:168 Resp: 314344
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#16
Acetone
Concen: 127.931 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

Tgt Ion: 43 Resp: 88713
Ion Ratio Lower Upper
43 100
58 30.7 31.7 47.5#

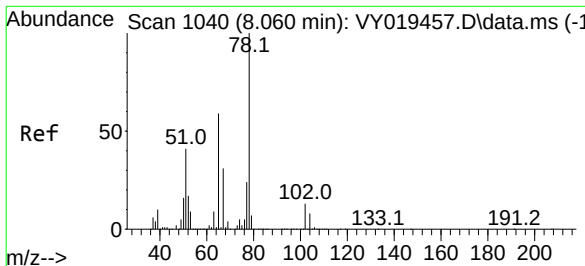
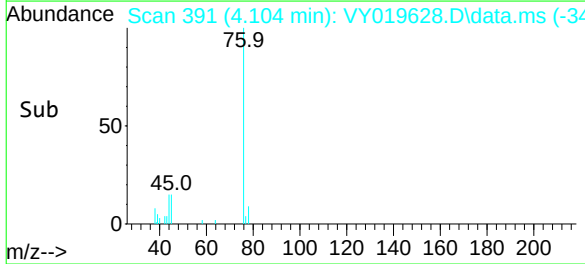
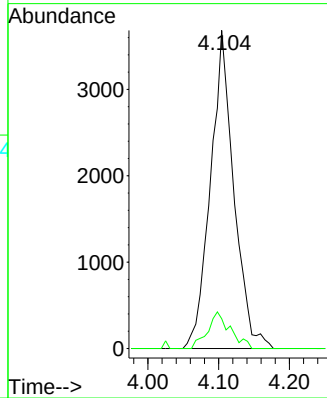
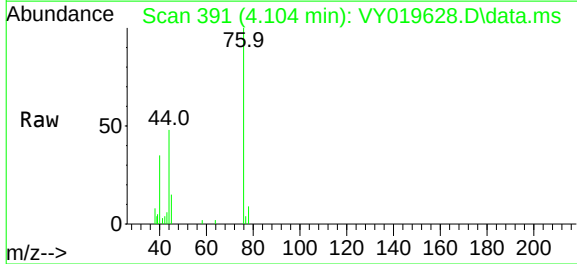




#17
Carbon Disulfide
Concen: 1.122 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

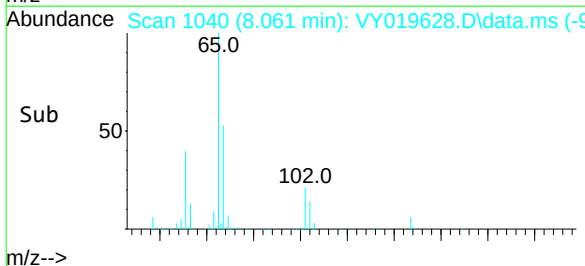
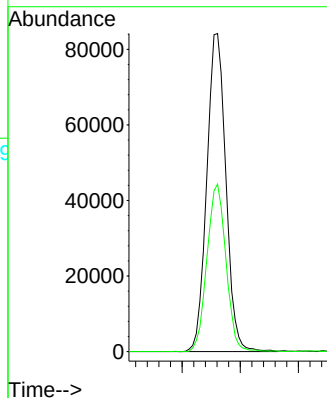
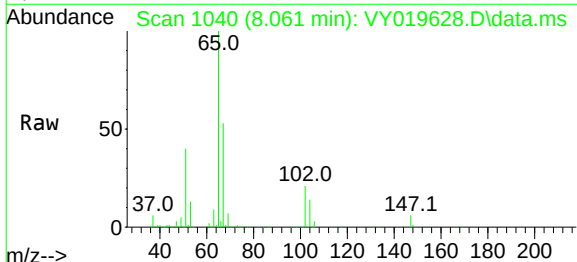
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-09

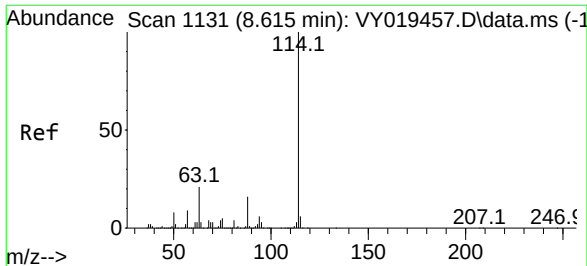
Tgt Ion: 76 Resp: 8457
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#33
1,2-Dichloroethane-d4
Concen: 66.042 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

Tgt Ion: 65 Resp: 192232
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

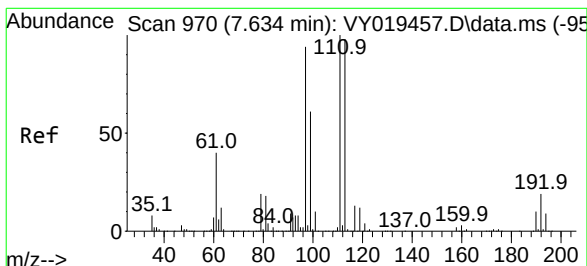
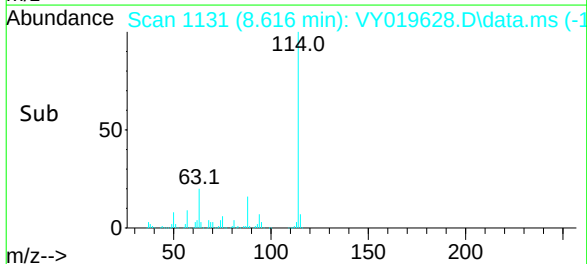
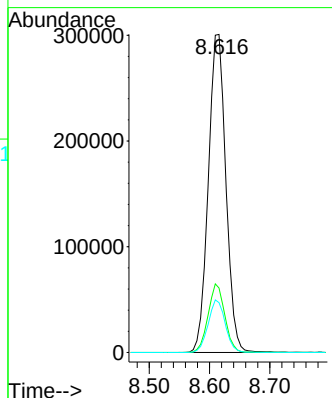
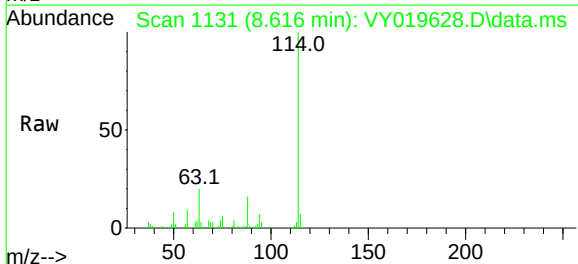




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

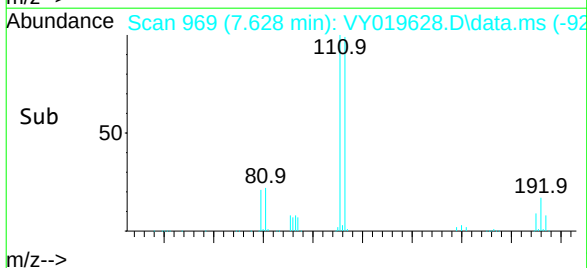
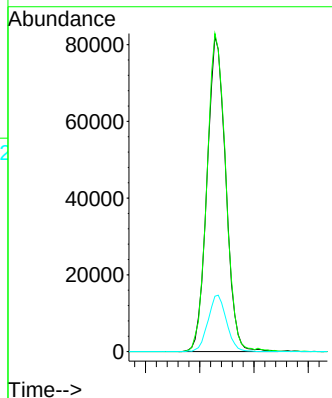
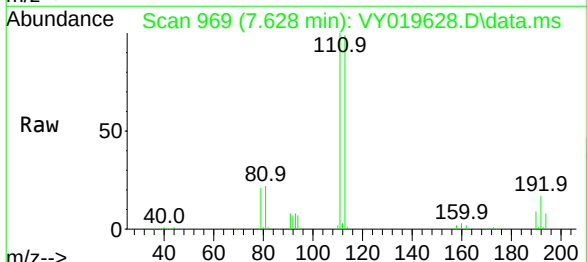
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-09

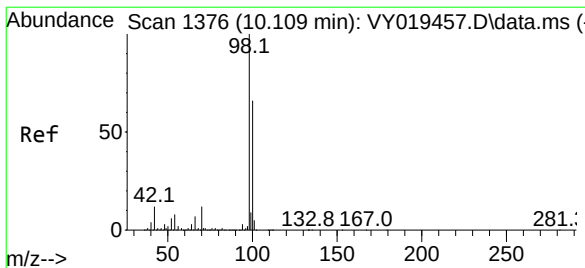
Tgt Ion:	114	Resp:	609347
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	35.0
88	15.7	0.0	27.2



#35
Dibromofluoromethane
Concen: 57.000 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019628.D
Acq: 19 Sep 2024 12:51

Tgt Ion:	113	Resp:	196927
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.2	123.4
192	17.6	15.9	23.9





#50

Toluene-d8

Concen: 56.418 ug/l

RT: 10.103 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY019628.D

Acq: 19 Sep 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

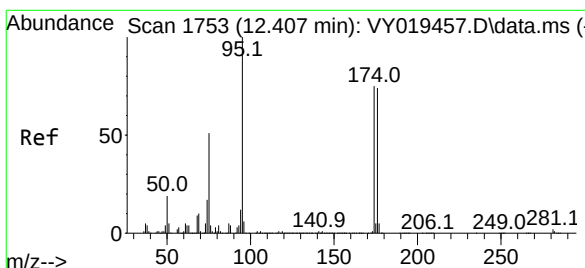
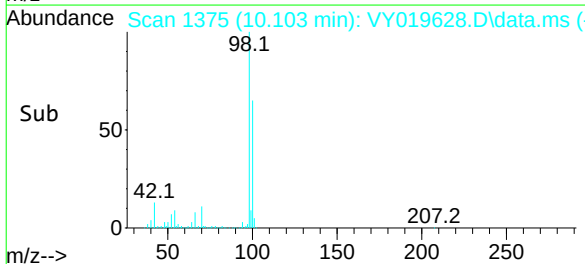
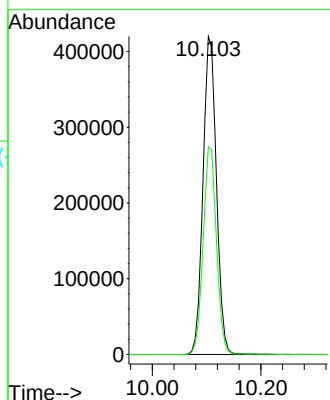
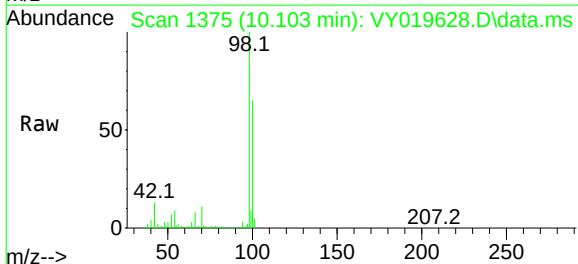
NB-614-VOC-09

Tgt Ion: 98 Resp: 720958

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 44.258 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019628.D

Acq: 19 Sep 2024 12:51

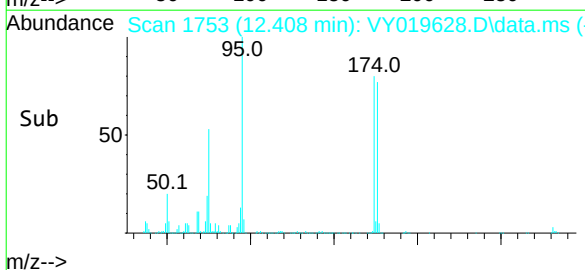
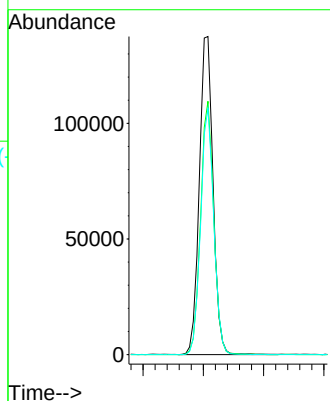
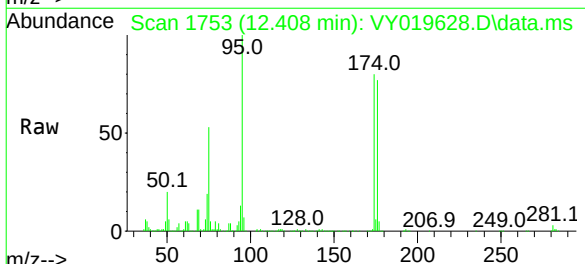
Tgt Ion: 95 Resp: 217465

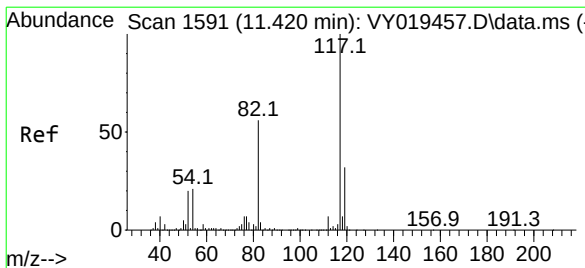
Ion Ratio Lower Upper

95 100

174 76.1 0.0 175.6

176 73.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY019628.D

Acq: 19 Sep 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-09

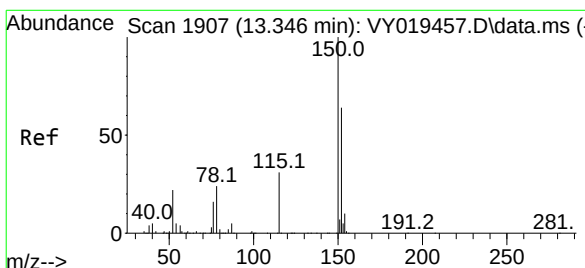
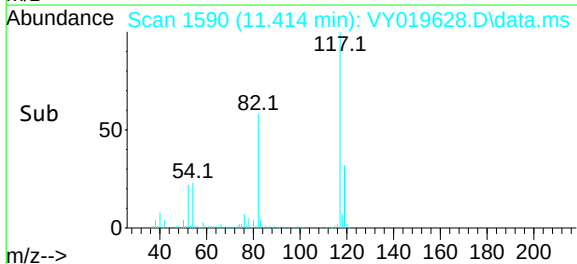
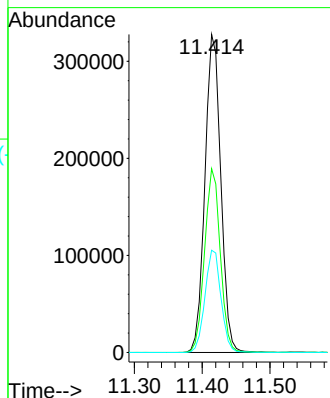
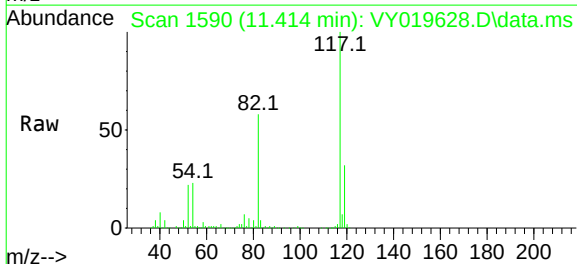
Tgt Ion:117 Resp: 532221

Ion Ratio Lower Upper

117 100

82 57.8 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019628.D

Acq: 19 Sep 2024 12:51

Tgt Ion:152 Resp: 182131

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 157.7 0.0 345.6

