

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019640.D
 Acq On : 20 Sep 2024 13:02
 Operator : SY/MD
 Sample : P4087-27
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-05

Quant Time: Sep 20 15:23:22 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)

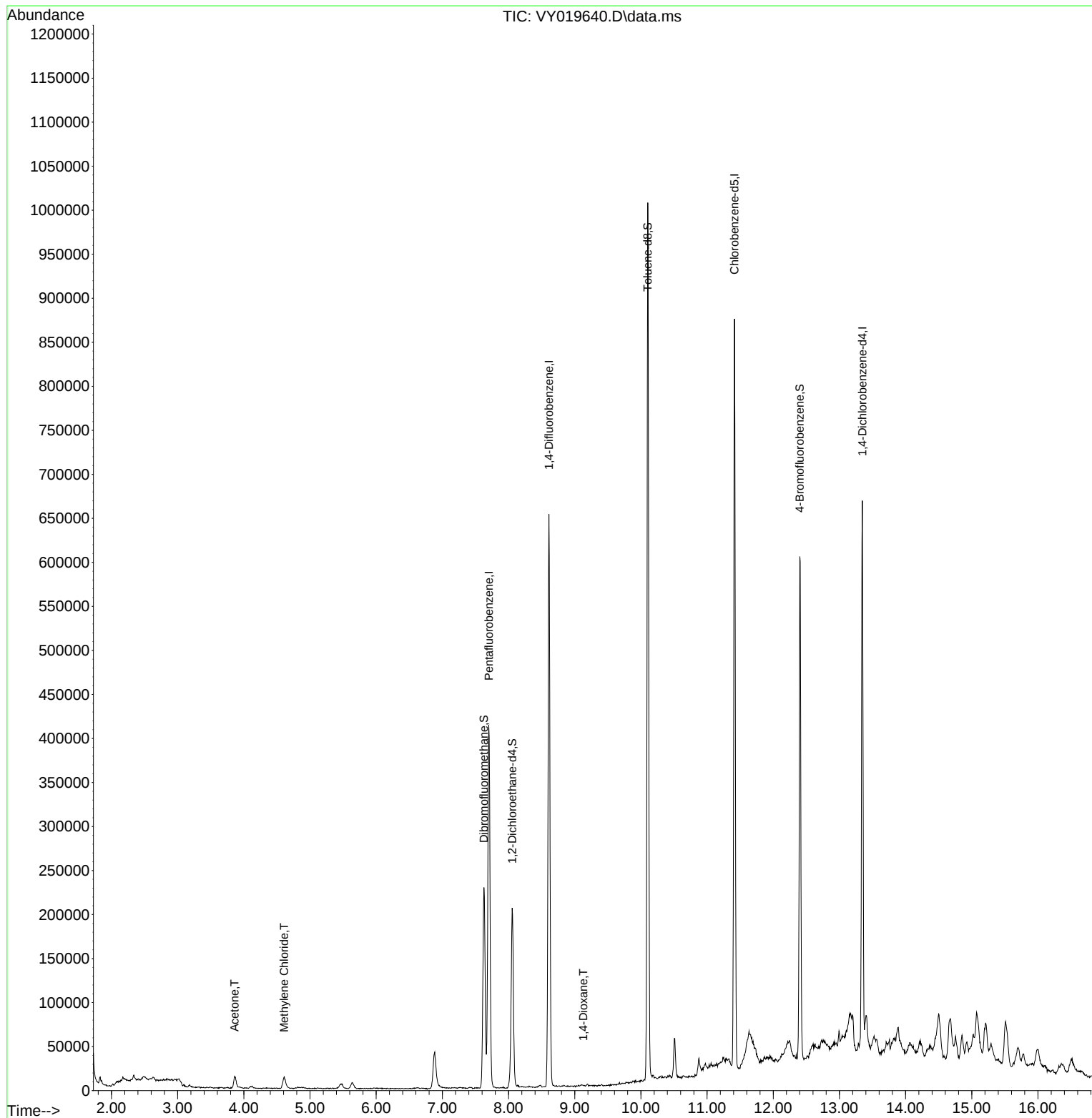
Internal Standards						
1) Pentafluorobenzene	7.701	168	307354	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	543011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	437193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	151037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	154325	54.225	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.440%		
35) Dibromofluoromethane	7.628	113	162842	52.892	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 105.780%		
50) Toluene-d8	10.103	98	630688	55.383	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 110.760%		
62) 4-Bromofluorobenzene	12.401	95	180939	41.323	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 82.640%		
Target Compounds						
						Qvalue
16) Acetone	3.860	43	23620	34.836	ug/l	# 82
20) Methylene Chloride	4.610	84	9150	2.959	ug/l	87
49) 1,4-Dioxane	9.128	88	23	1.133	ug/l	# 20

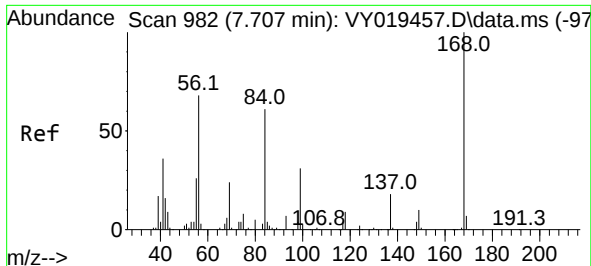
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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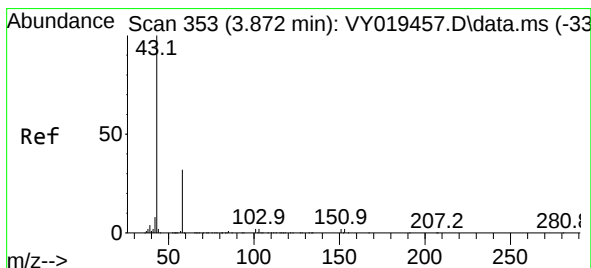
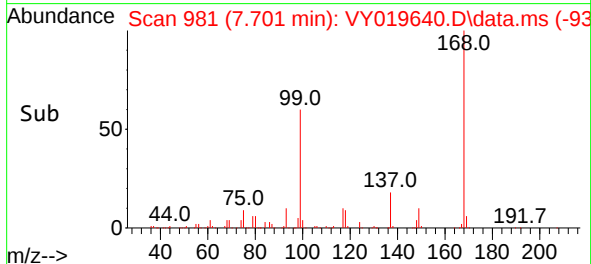
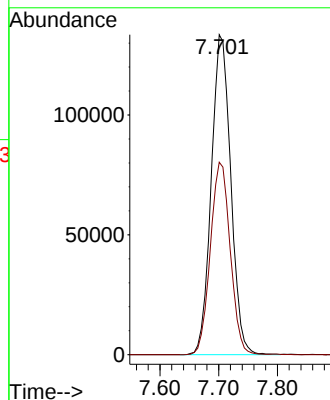
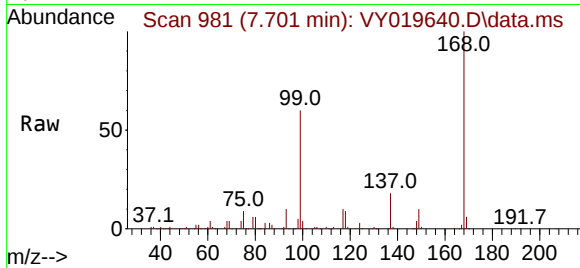




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

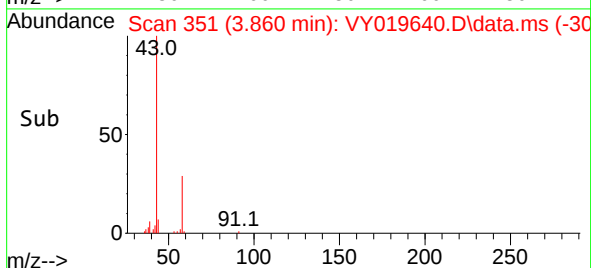
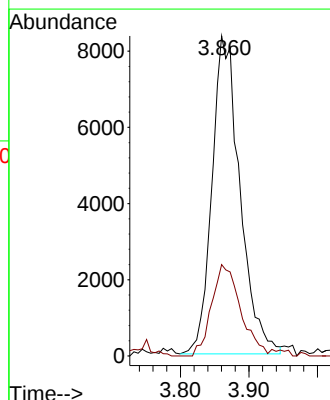
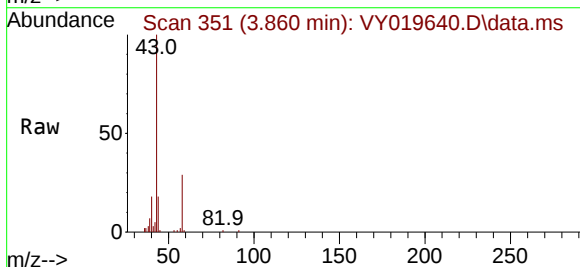
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-05

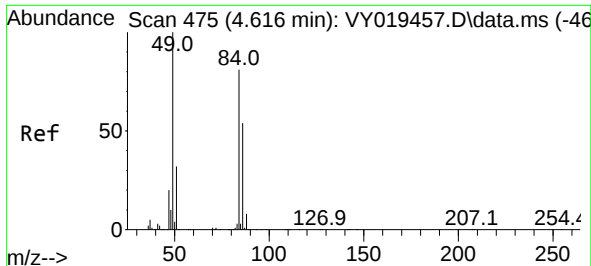
Tgt Ion:168 Resp: 307354
Ion Ratio Lower Upper
168 100
99 60.2 39.1 58.7#



#16
Acetone
Concen: 34.836 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Tgt Ion: 43 Resp: 23620
Ion Ratio Lower Upper
43 100
58 28.7 31.7 47.5#

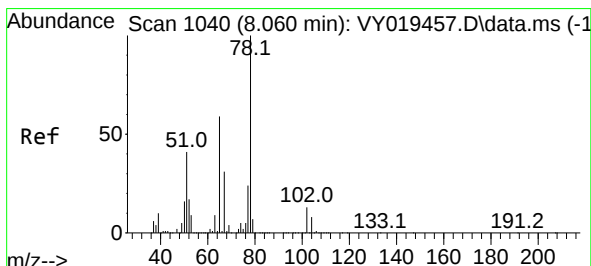
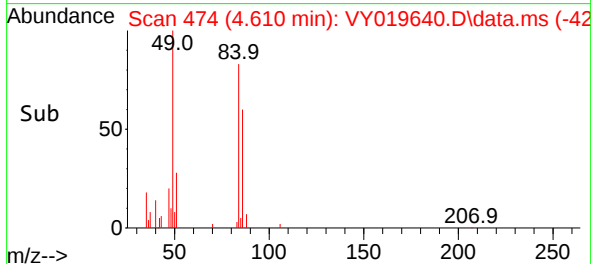
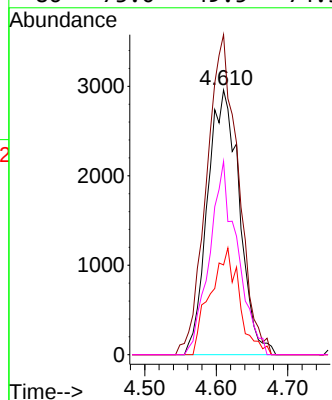
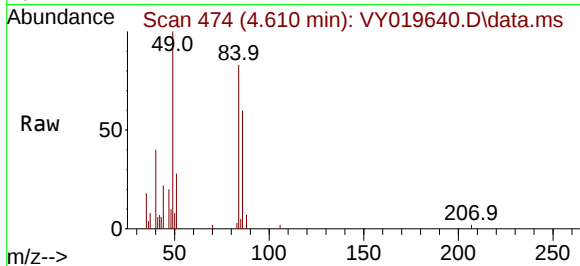




#20
Methylene Chloride
Concen: 2.959 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

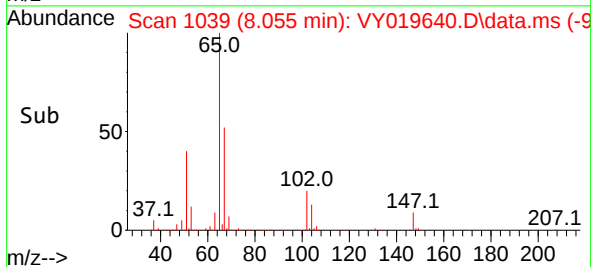
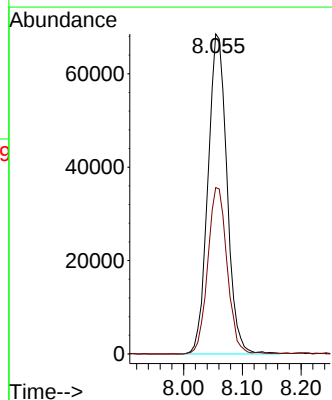
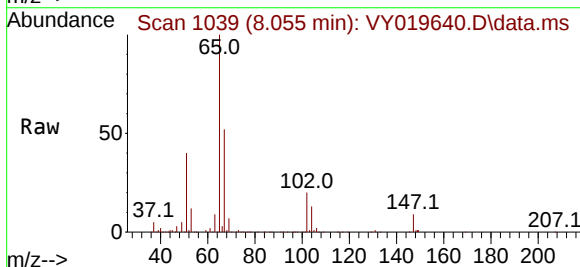
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-05

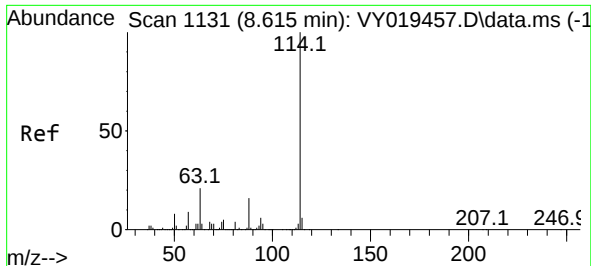
Tgt Ion:	84	Resp:	9150
Ion	Ratio	Lower	Upper
84	100		
49	120.9	84.4	126.6
51	33.9	26.0	39.0
86	73.0	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 54.225 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Tgt Ion:	65	Resp:	154325
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	109.6

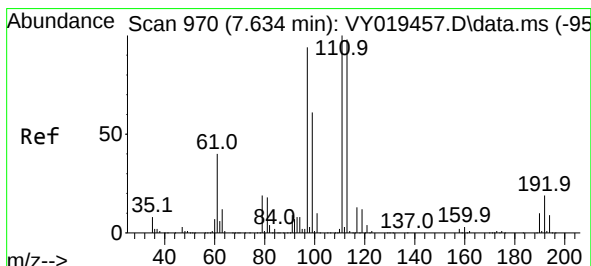
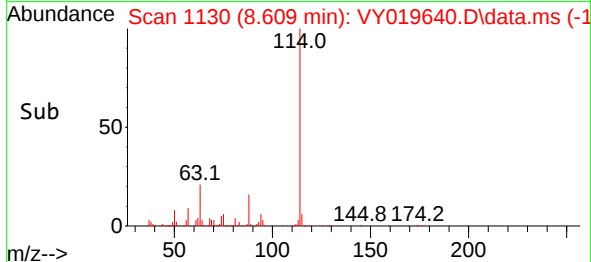
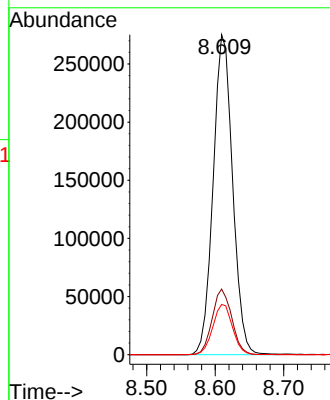
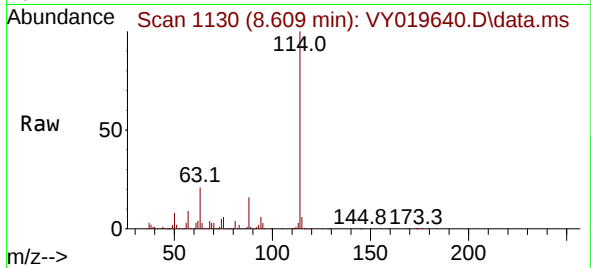




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

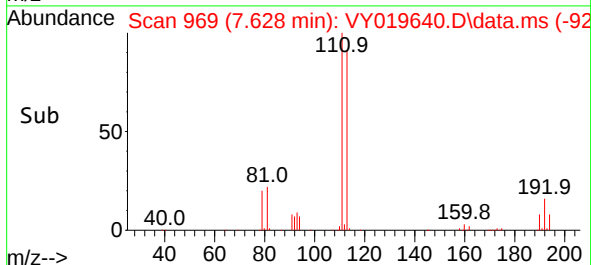
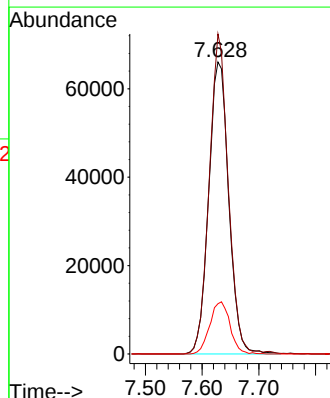
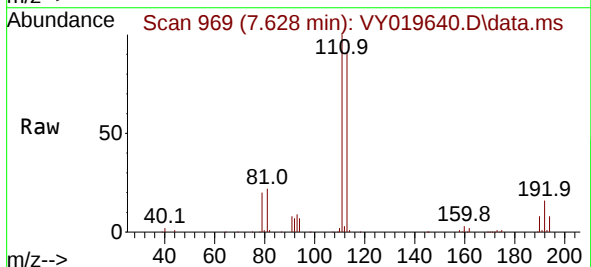
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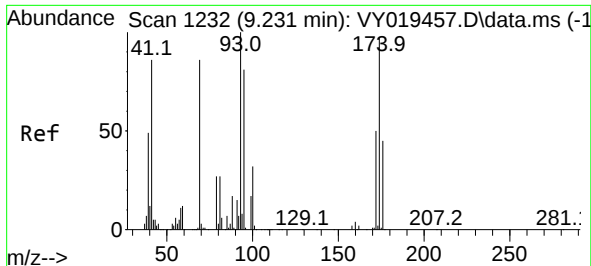
Tgt Ion:114 Resp: 543011
Ion Ratio Lower Upper
114 100
63 20.5 0.0 35.0
88 15.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.892 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Tgt Ion:113 Resp: 162842
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.0 15.9 23.9





#49

1,4-Dioxane

Concen: 1.133 ug/l

RT: 9.128 min Scan# 11

Delta R.T. -0.103 min

Lab File: VY019640.D

Acq: 20 Sep 2024 13:02

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-05

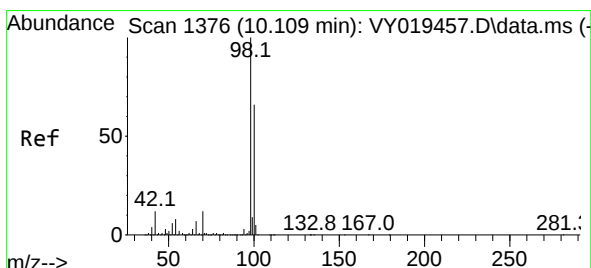
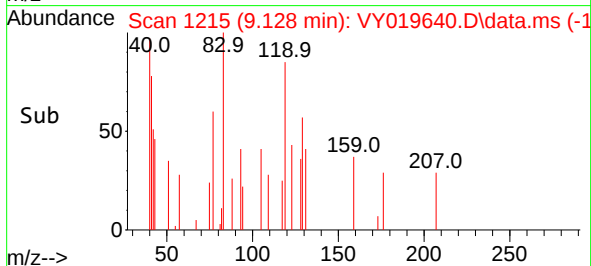
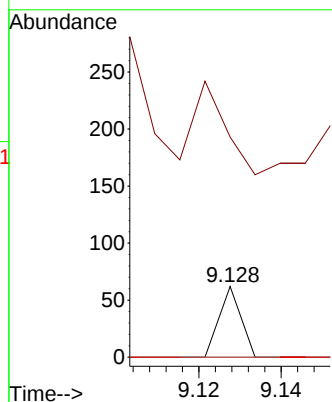
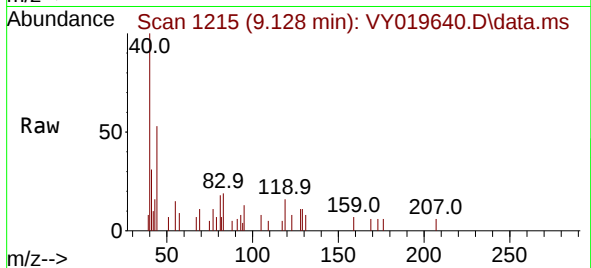
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 55.383 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019640.D

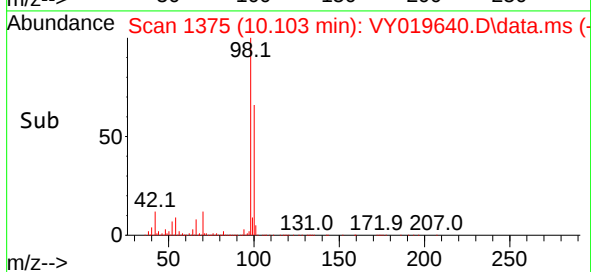
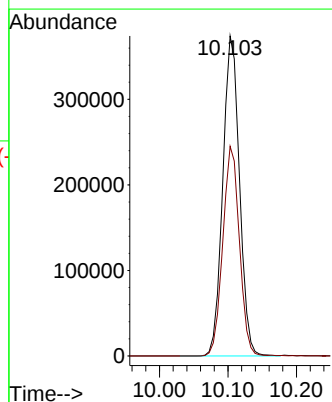
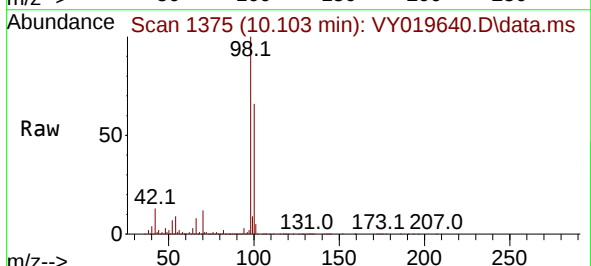
Acq: 20 Sep 2024 13:02

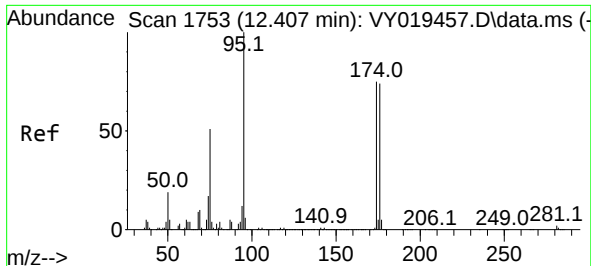
Tgt Ion: 98 Resp: 630688

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

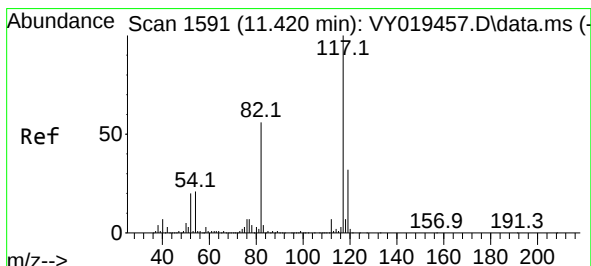
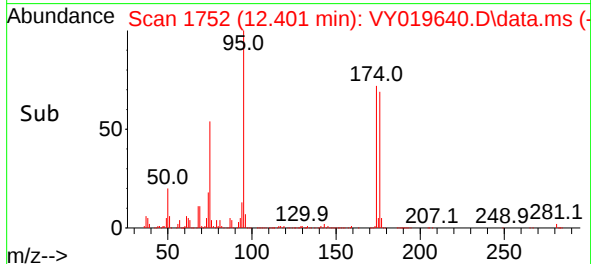
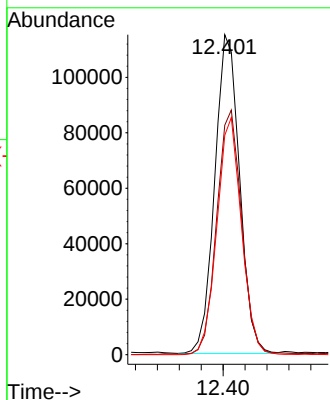
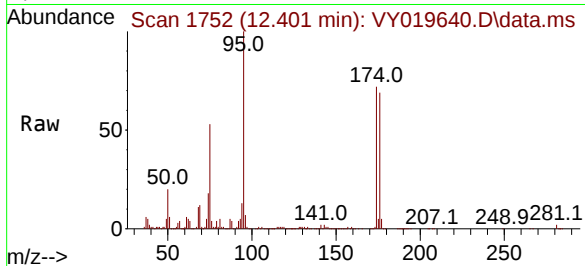




#62
4-Bromofluorobenzene
Concen: 41.323 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

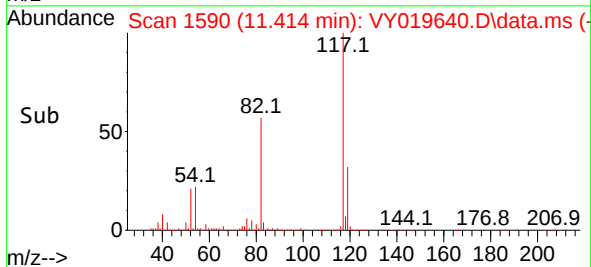
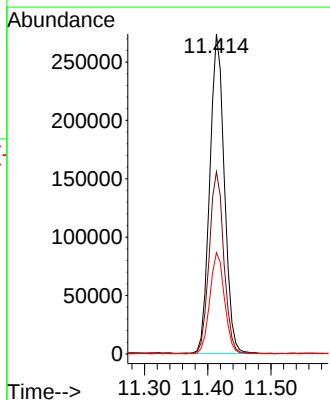
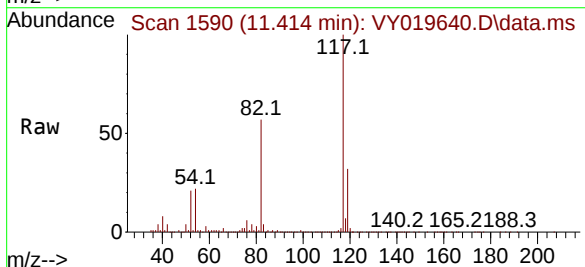
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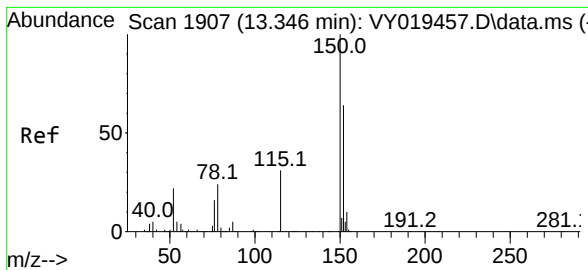
Tgt Ion: 95 Resp: 180939
Ion Ratio Lower Upper
95 100
174 77.5 0.0 175.6
176 73.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Tgt Ion: 117 Resp: 437193
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 31.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019640.D
 Acq: 20 Sep 2024 13:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-614-VOC-05

Tgt Ion:152 Resp: 151037
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.2 84.7
 150 159.1 0.0 345.6

