

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019643.D
 Acq On : 20 Sep 2024 14:12
 Operator : SY/MD
 Sample : P4088-15
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Sep 20 15:23:48 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)

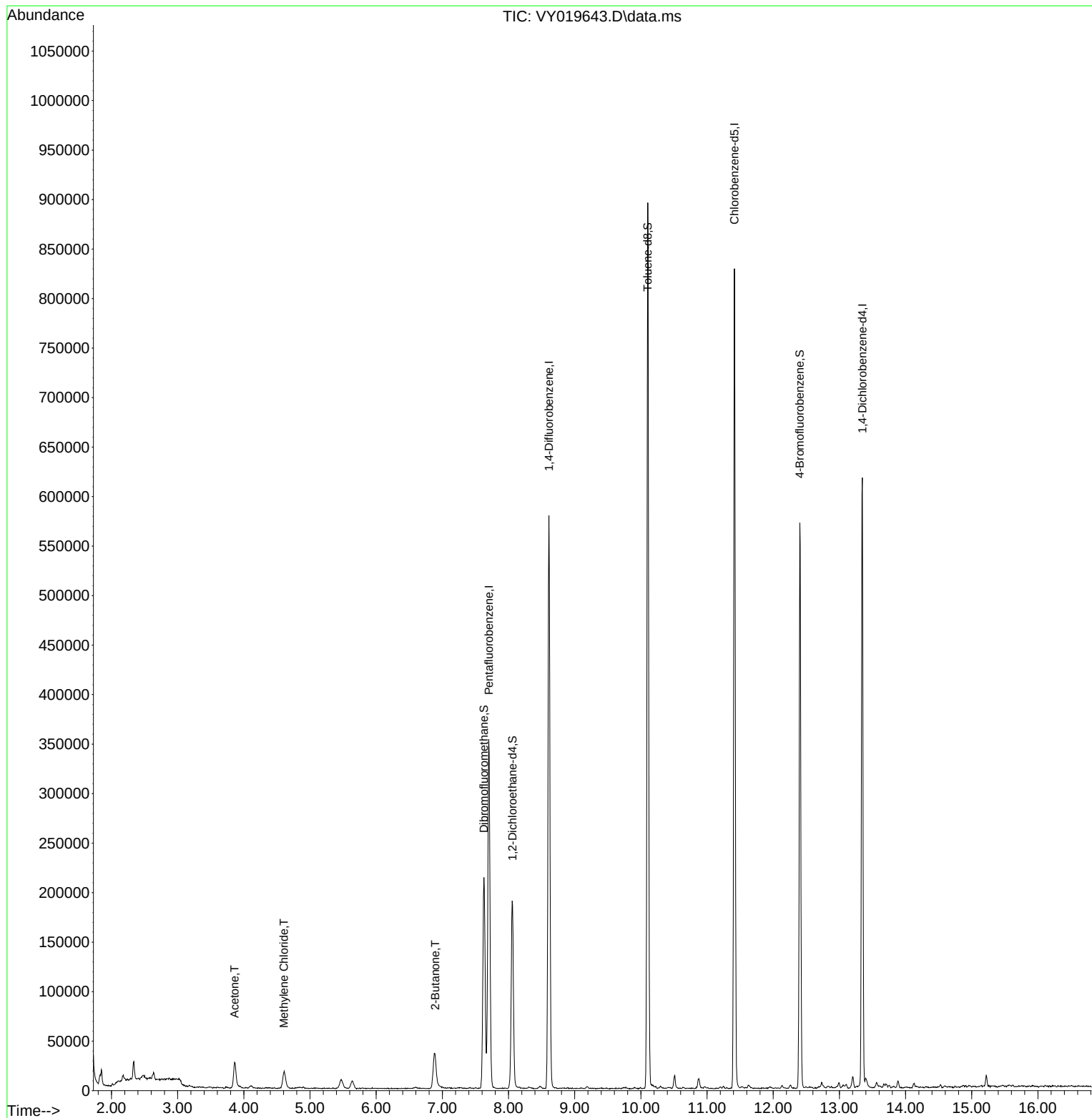
Internal Standards						
1) Pentafluorobenzene	7.701	168	261939	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	486289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	418442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	153343	63.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.440%	
35) Dibromofluoromethane	7.628	113	152906	55.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.920%	
50) Toluene-d8	10.103	98	568234	55.719	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.440%	
62) 4-Bromofluorobenzene	12.401	95	179566	45.793	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.580%	
Target Compounds						
					Qvalue	
16) Acetone	3.860	43	46851	81.080	ug/l	# 84
20) Methylene Chloride	4.604	84	12259	4.652	ug/l	96
25) 2-Butanone	6.890	43	20060	24.409	ug/l	# 82

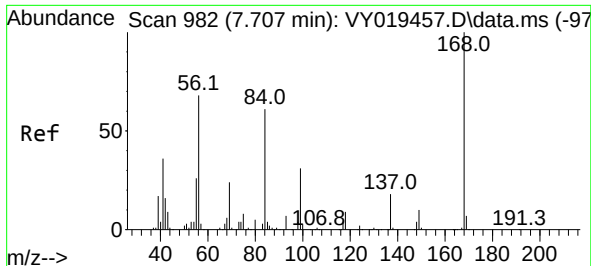
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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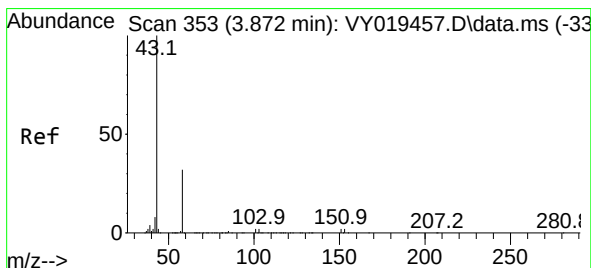
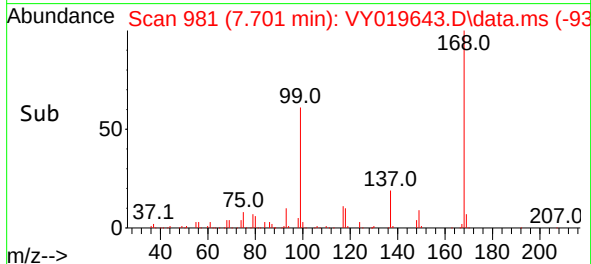
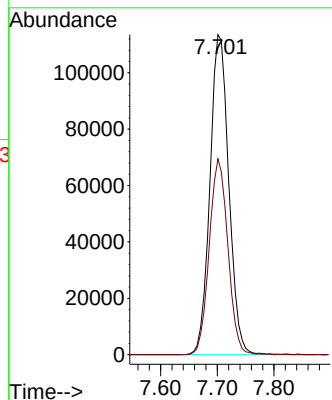
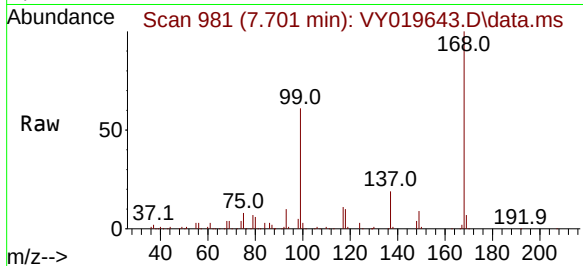




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

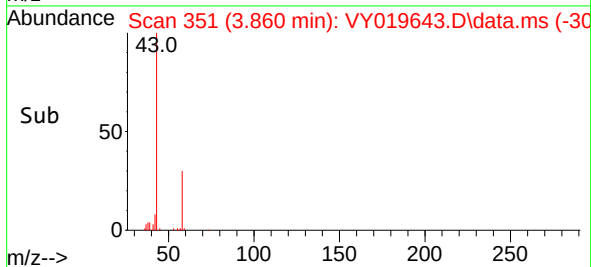
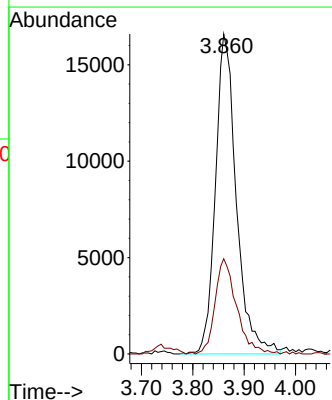
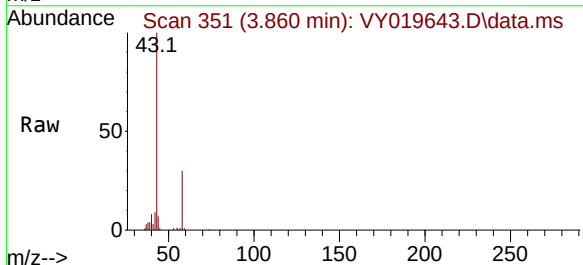
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-09

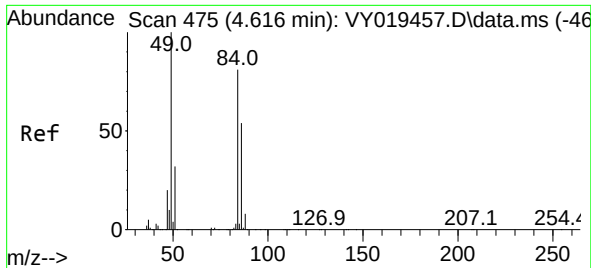
Tgt Ion:168 Resp: 261939
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#16
Acetone
Concen: 81.080 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

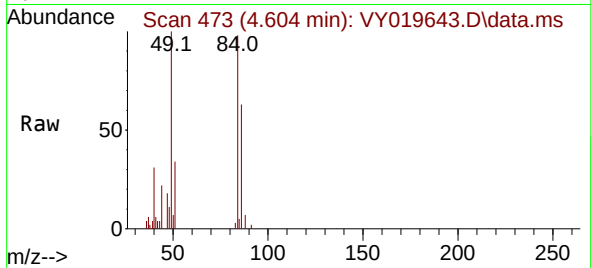
Tgt Ion: 43 Resp: 46851
Ion Ratio Lower Upper
43 100
58 29.8 31.7 47.5#



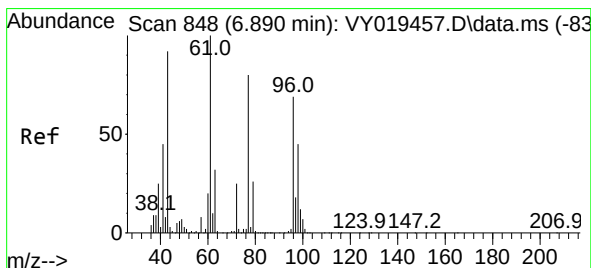
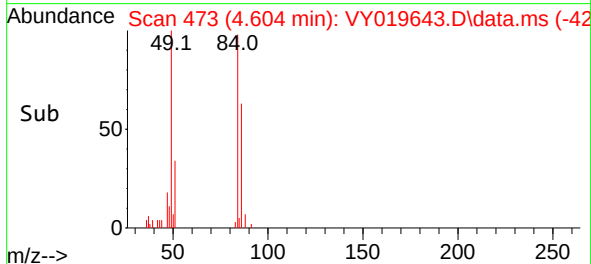
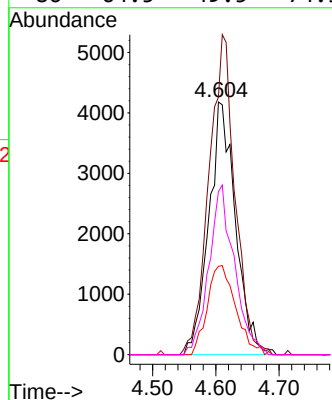


#20
Methylene Chloride
Concen: 4.652 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

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

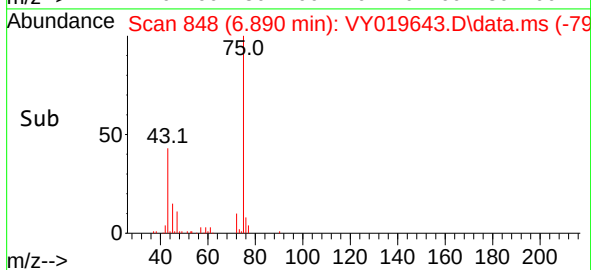
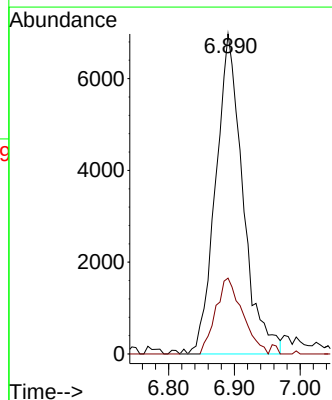
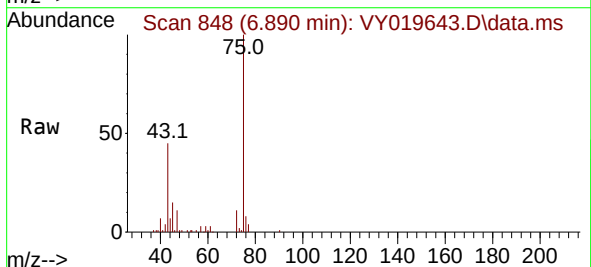


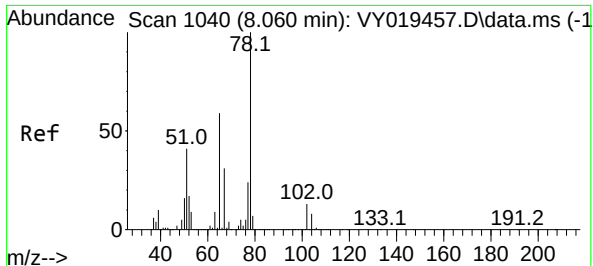
Tgt Ion:	84	Resp:	12259
Ion	Ratio	Lower	Upper
84	100		
49	101.9	84.4	126.6
51	34.9	26.0	39.0
86	64.5	49.5	74.3



#25
2-Butanone
Concen: 24.409 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

Tgt Ion:	43	Resp:	20060
Ion	Ratio	Lower	Upper
43	100		
72	23.7	27.3	40.9#





#33

1,2-Dichloroethane-d4

Concen: 63.221 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019643.D

Acq: 20 Sep 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

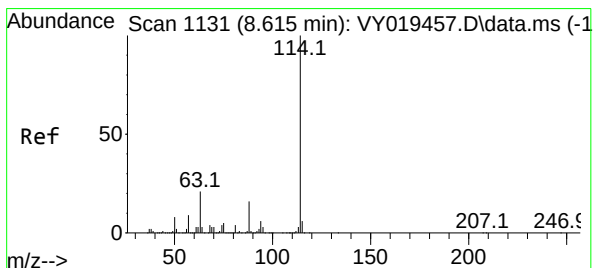
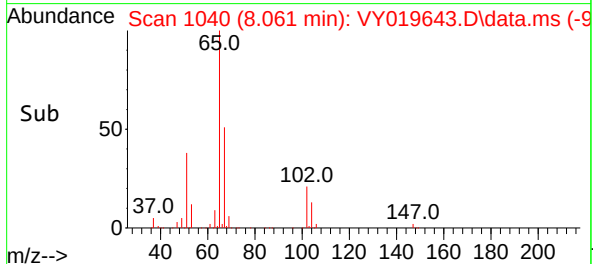
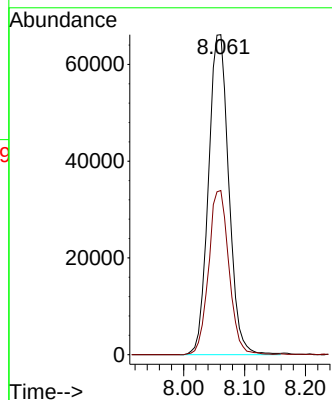
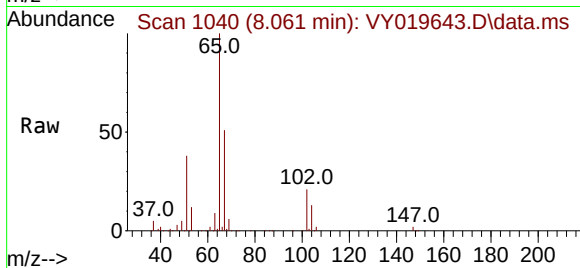
NB-614-VOC-09

Tgt Ion: 65 Resp: 153343

Ion Ratio Lower Upper

65 100

67 51.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019643.D

Acq: 20 Sep 2024 14:12

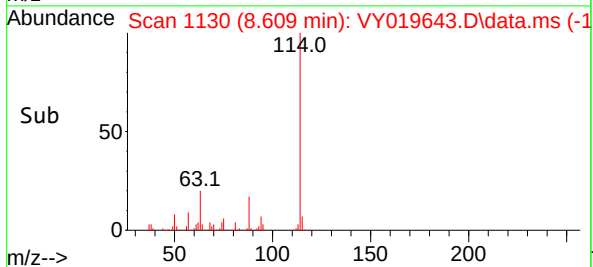
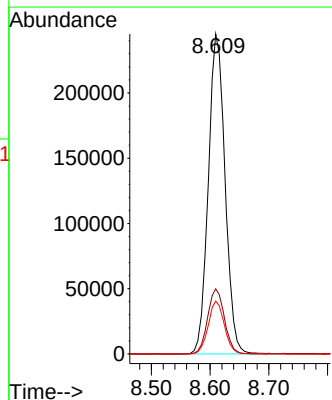
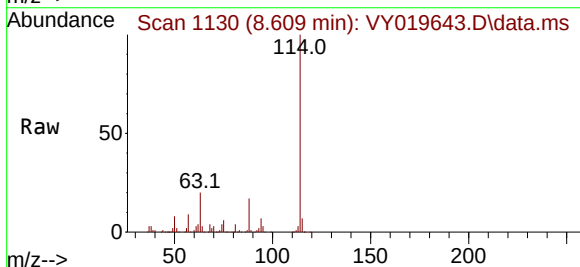
Tgt Ion: 114 Resp: 486289

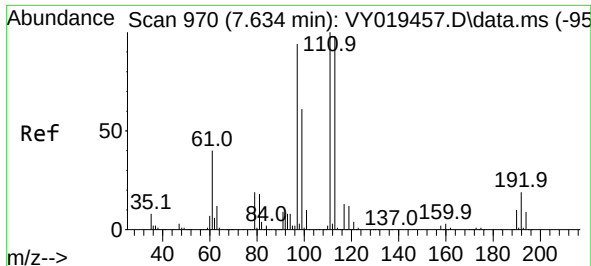
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 16.5 0.0 27.2



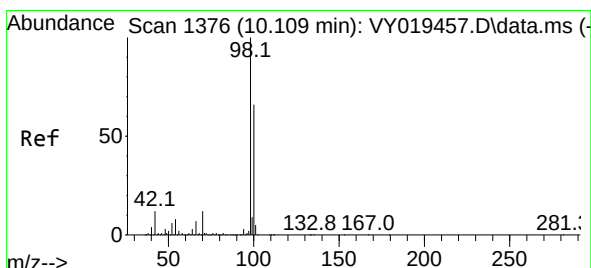
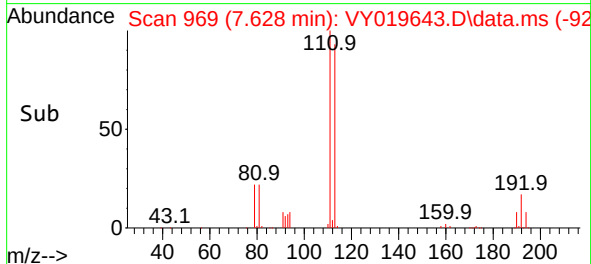
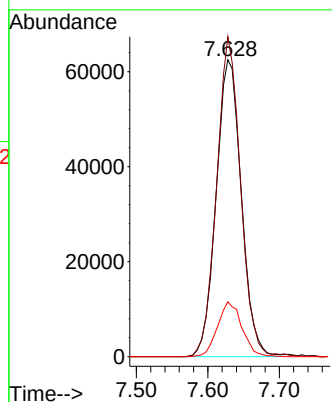
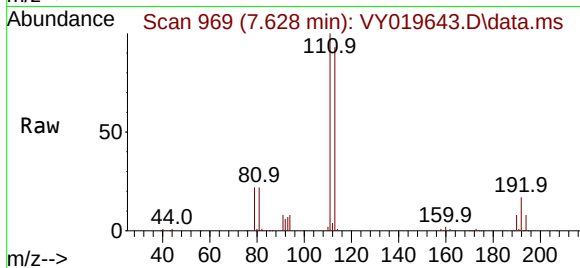


#35
 Dibromofluoromethane
 Concen: 55.458 ug/l
 RT: 7.628 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY019643.D
 Acq: 20 Sep 2024 14:12

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

Tgt Ion:113 Resp: 152906

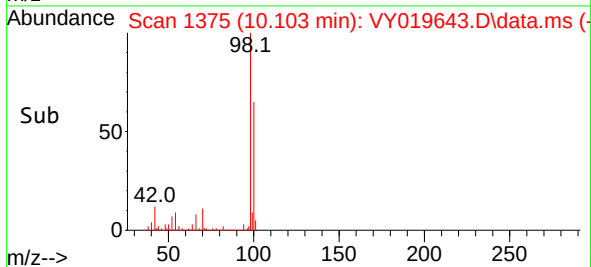
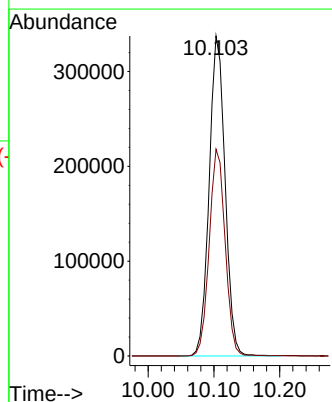
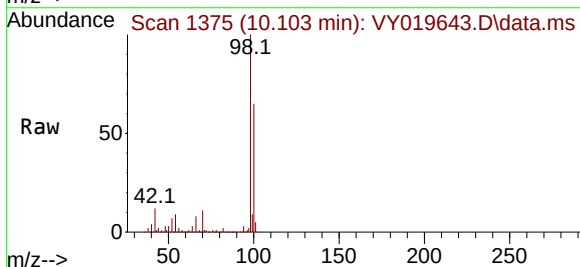
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	17.9	15.9	23.9

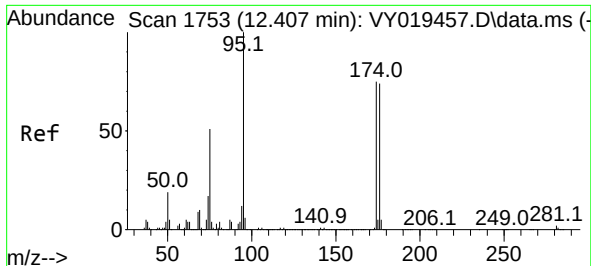


#50
 Toluene-d8
 Concen: 55.719 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. -0.006 min
 Lab File: VY019643.D
 Acq: 20 Sep 2024 14:12

Tgt Ion: 98 Resp: 568234

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0

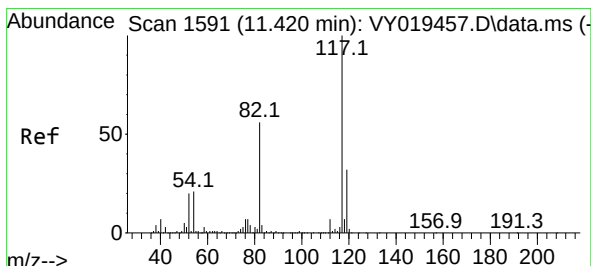
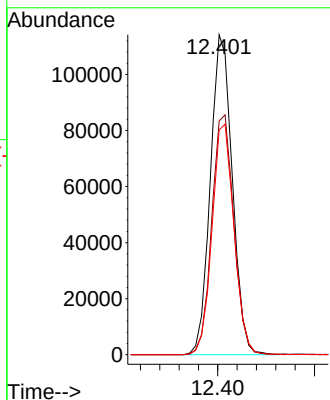
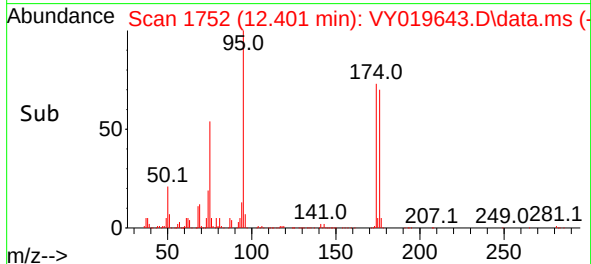
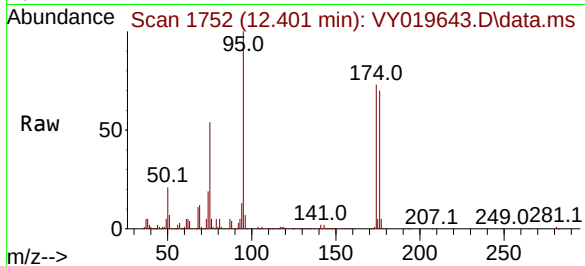




#62
4-Bromofluorobenzene
Concen: 45.793 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

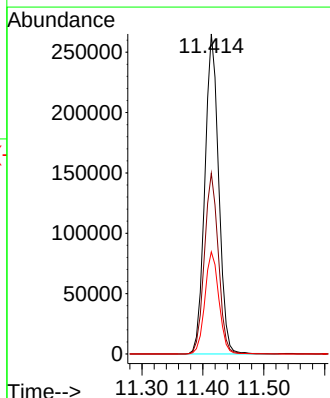
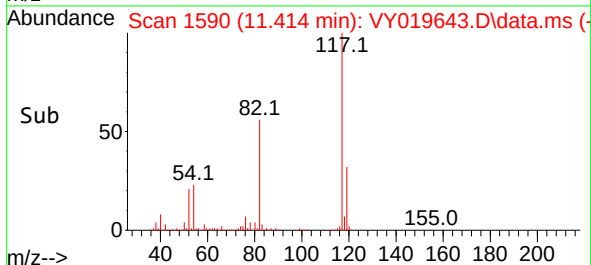
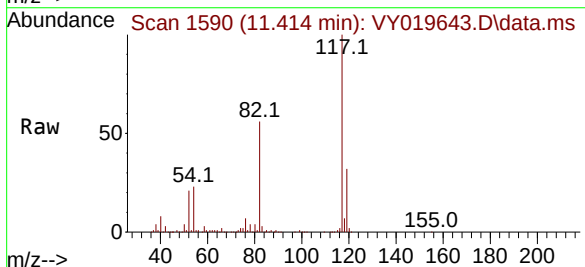
Instrument :
MSVOA_Y
ClientSampleId :
NB-614-VOC-09

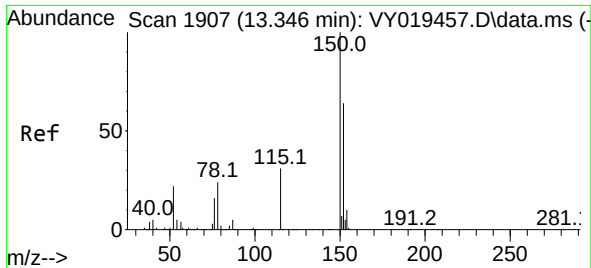
Tgt Ion: 95 Resp: 179566
Ion Ratio Lower Upper
95 100
174 75.6 0.0 175.6
176 72.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

Tgt Ion: 117 Resp: 418442
Ion Ratio Lower Upper
117 100
82 56.5 42.4 63.6
119 31.9 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: VY019643.D

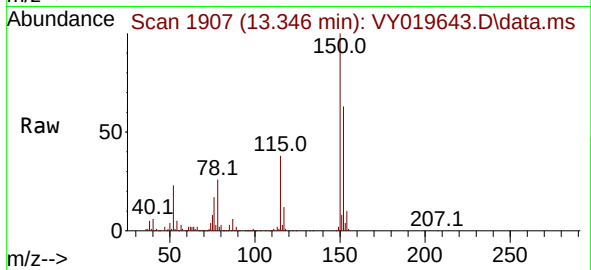
Acq: 20 Sep 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :

NB-614-VOC-09



Tgt Ion:152 Resp: 153014

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 156.2 0.0 345.6

