

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121224\
 Data File : VY020595.D
 Acq On : 12 Dec 2024 12:44
 Operator : SY/MD
 Sample : P5244-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-121024

Quant Time: Dec 13 05:42:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

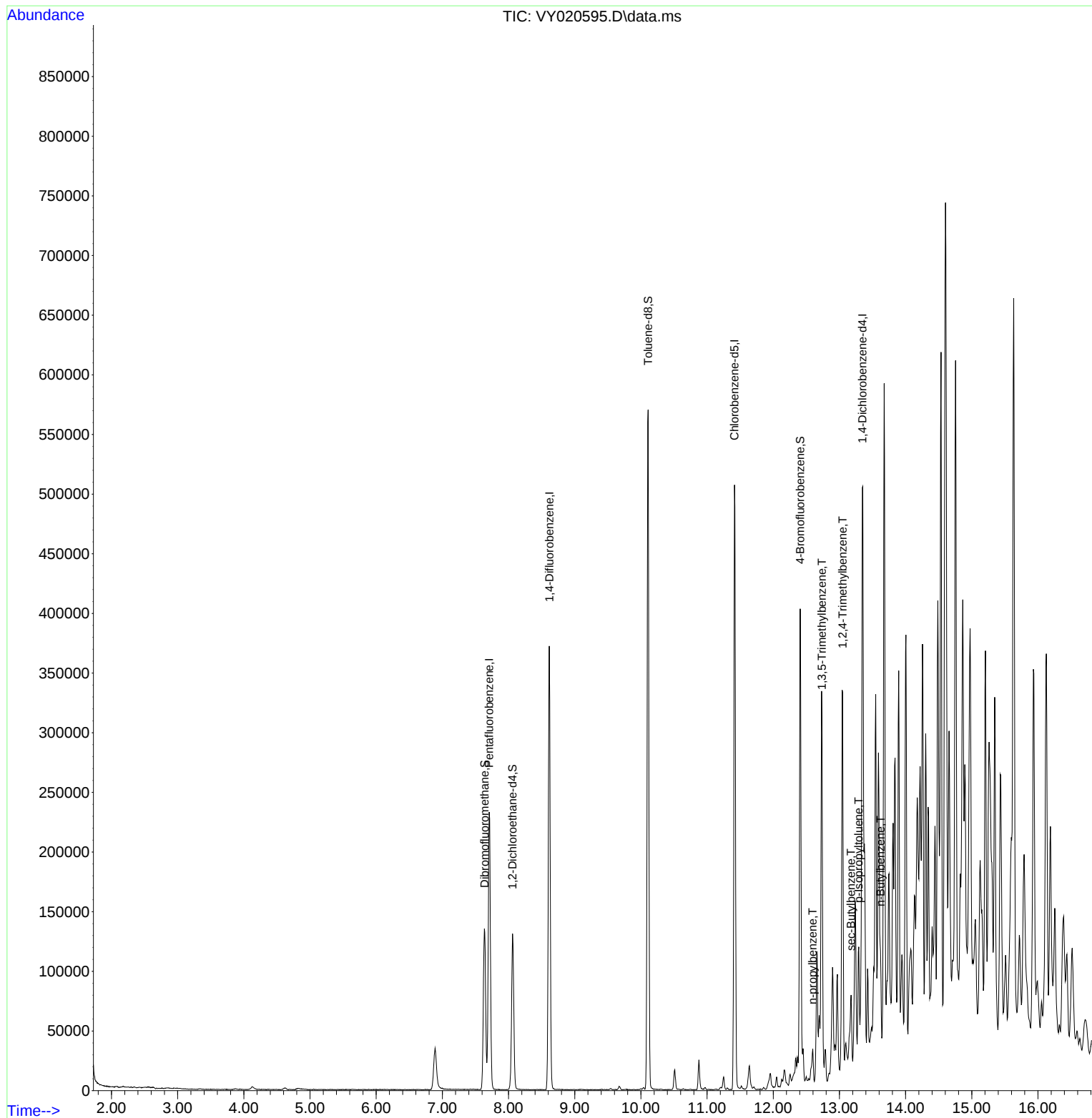
Internal Standards						
1) Pentafluorobenzene	7.707	168	175459	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	305438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	263717	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	111053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	103078	57.765	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.520%	
35) Dibromofluoromethane	7.640	113	98077	51.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.020%	
50) Toluene-d8	10.109	98	372171	50.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	12.408	95	120389	47.012	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.020%	
Target Compounds						
					Qvalue	
78) n-propylbenzene	12.597	91	21002	1.651	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	33271	3.864	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	166412	19.884	ug/l	99
85) sec-Butylbenzene	13.176	105	29031	2.602	ug/l	92
86) p-Isopropyltoluene	13.292	119	19348	2.099	ug/l	98
89) n-Butylbenzene	13.621	91	32454	3.795	ug/l #	73

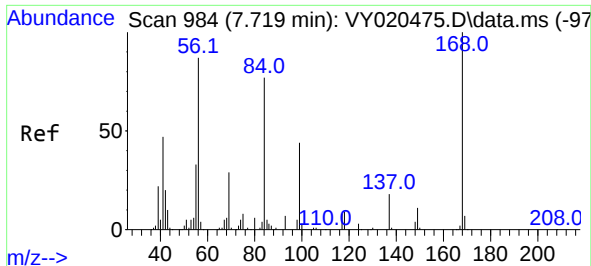
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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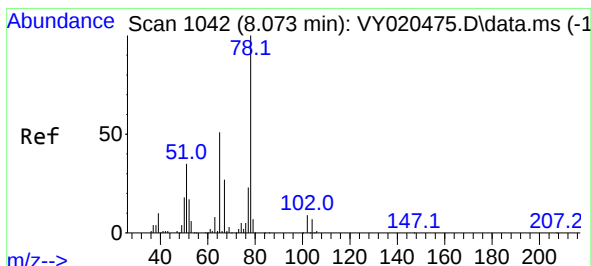
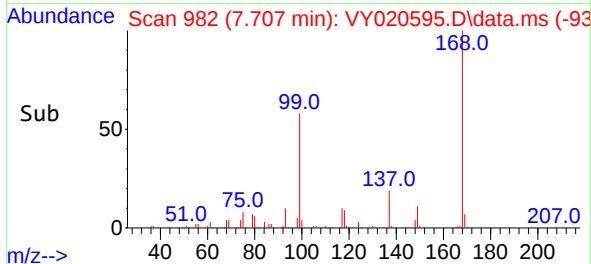
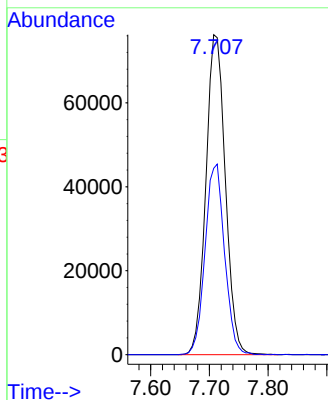
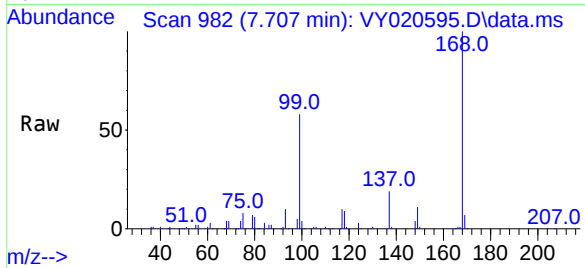




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020595.D
Acq: 12 Dec 2024 12:44

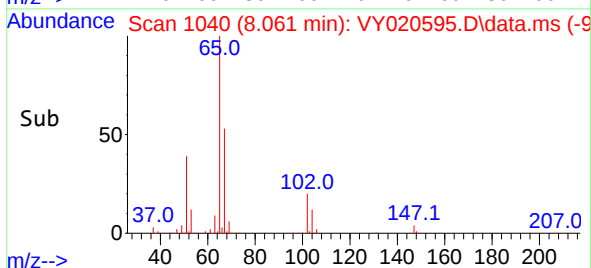
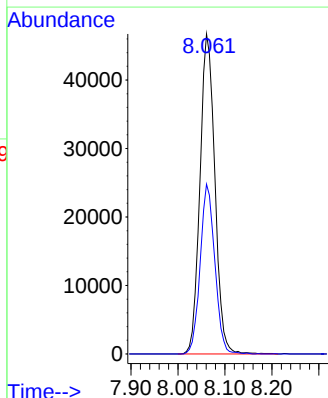
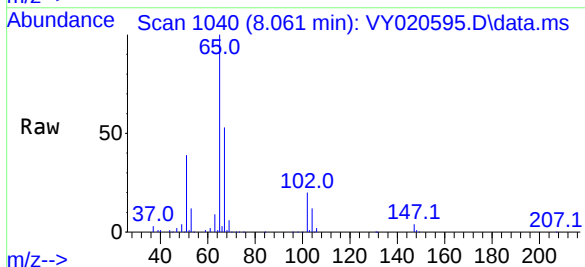
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-121024

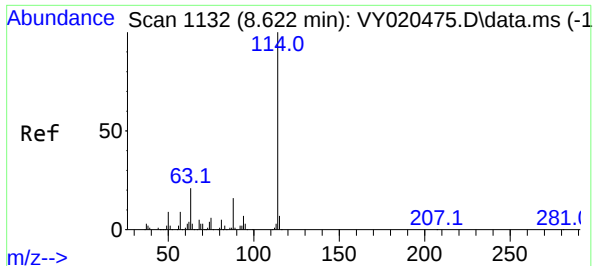
Tgt Ion:168 Resp: 175459
Ion Ratio Lower Upper
168 100
99 58.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 57.765 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY020595.D
Acq: 12 Dec 2024 12:44

Tgt Ion: 65 Resp: 103078
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY020595.D

Acq: 12 Dec 2024 12:44

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-121024

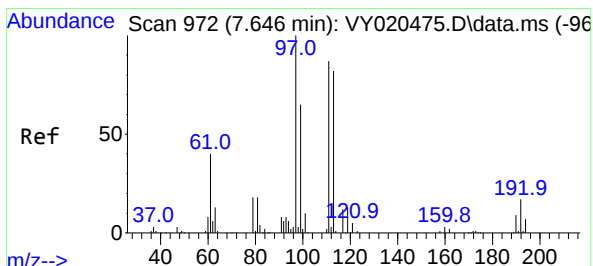
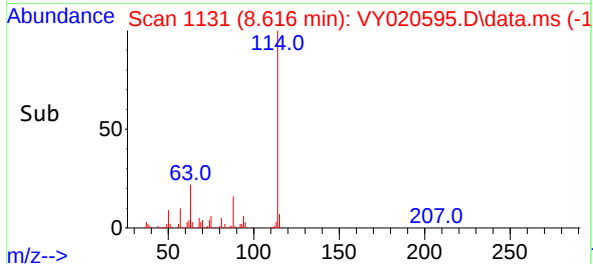
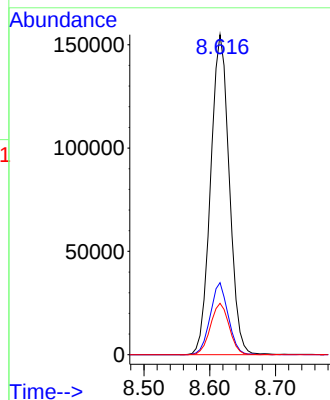
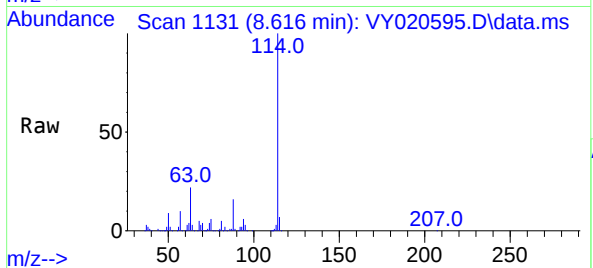
Tgt Ion:114 Resp: 305438

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.8

88 16.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 51.005 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020595.D

Acq: 12 Dec 2024 12:44

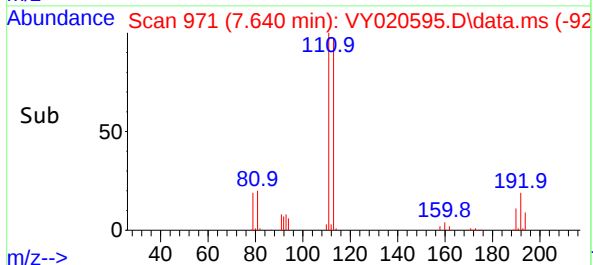
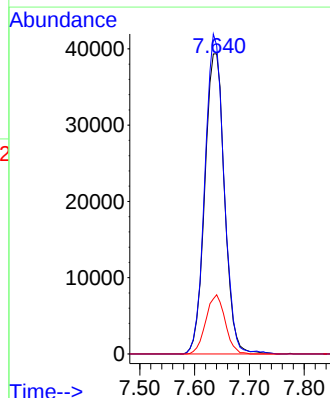
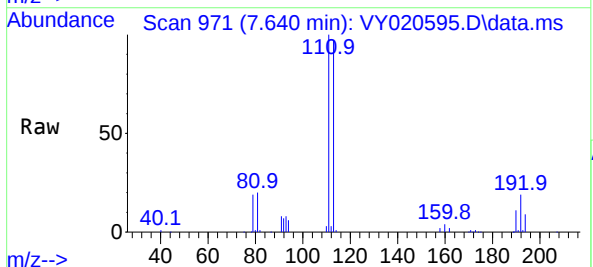
Tgt Ion:113 Resp: 98077

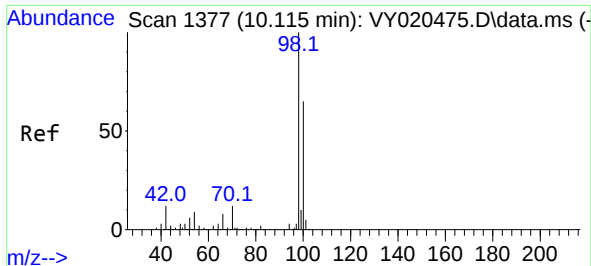
Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.0

192 19.3 15.1 22.7

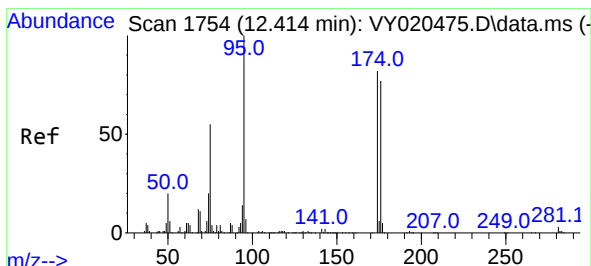
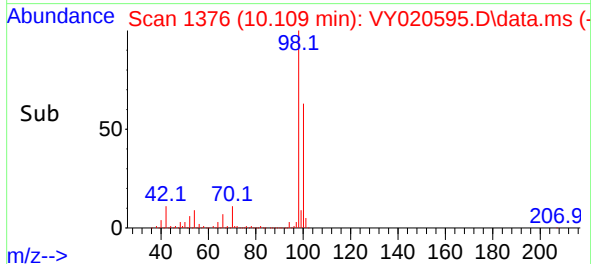
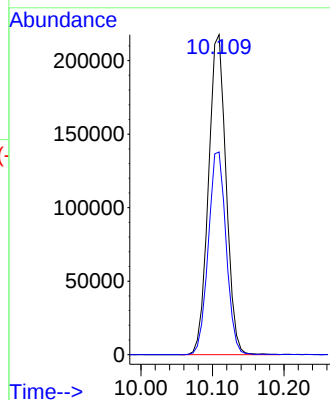
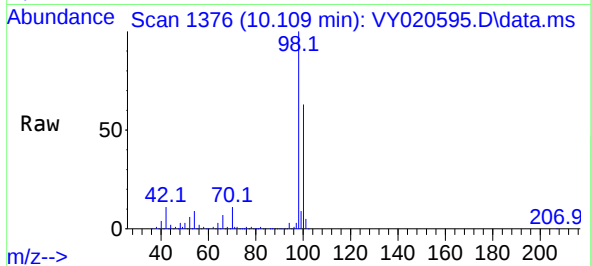




#50
Toluene-d8
Concen: 50.829 ug/l
RT: 10.109 min Scan# 1377
Delta R.T. -0.006 min
Lab File: VY020595.D
Acq: 12 Dec 2024 12:44

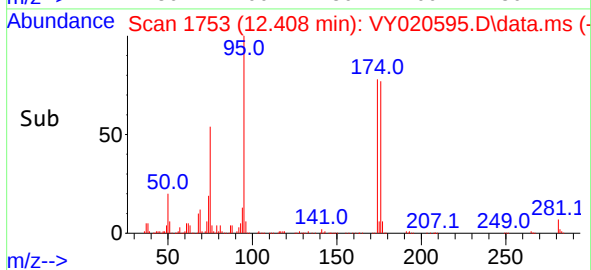
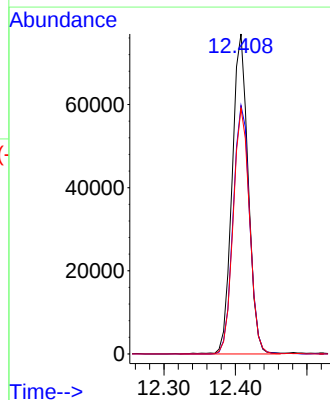
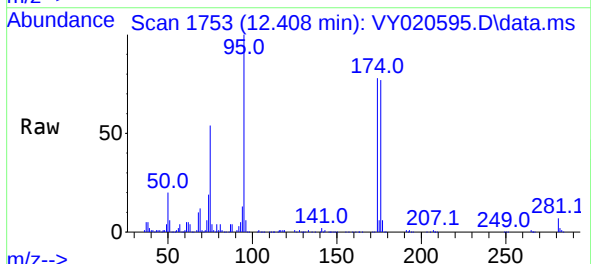
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-121024

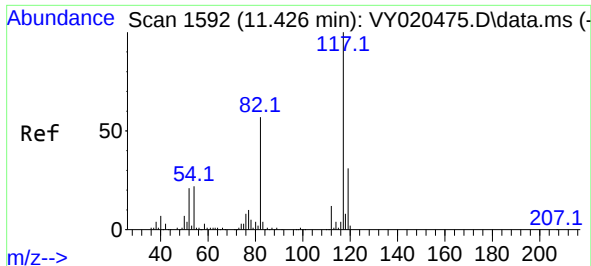
Tgt Ion: 98 Resp: 372171
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 47.012 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020595.D
Acq: 12 Dec 2024 12:44

Tgt Ion: 95 Resp: 120389
Ion Ratio Lower Upper
95 100
174 79.6 0.0 156.8
176 77.6 0.0 152.0

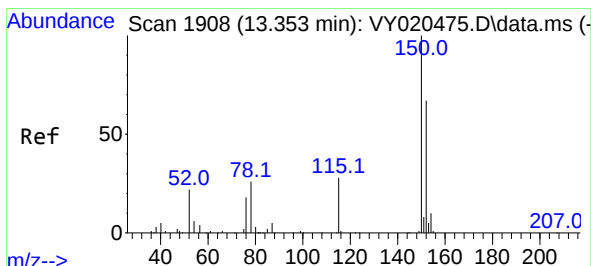
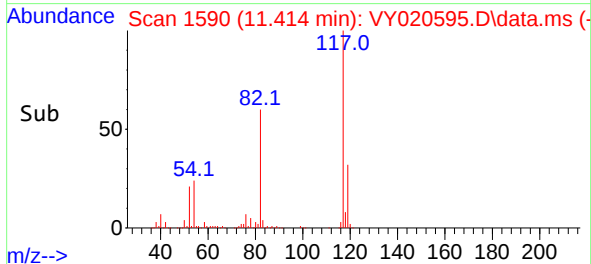
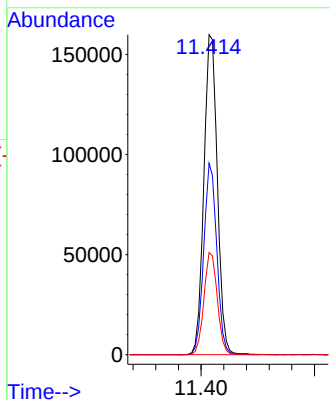
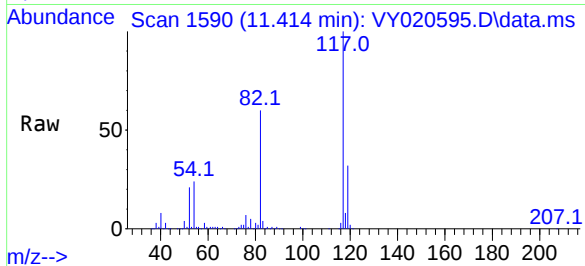




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.012 min
Lab File: VY020595.D
Acq: 12 Dec 2024 12:44

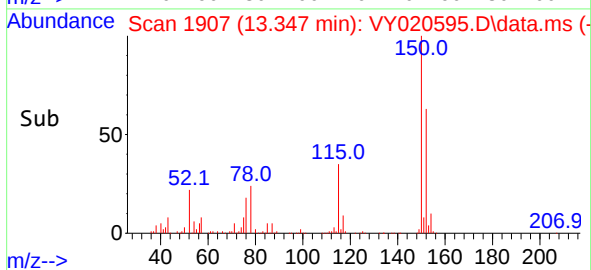
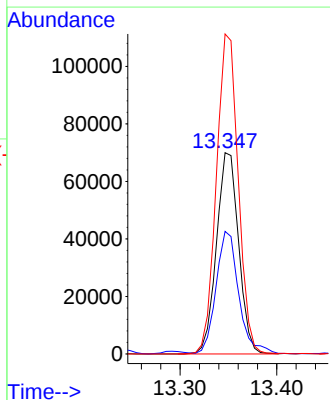
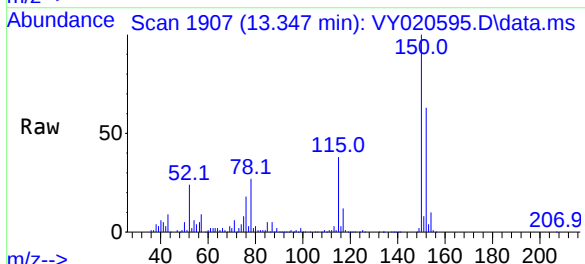
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-121024

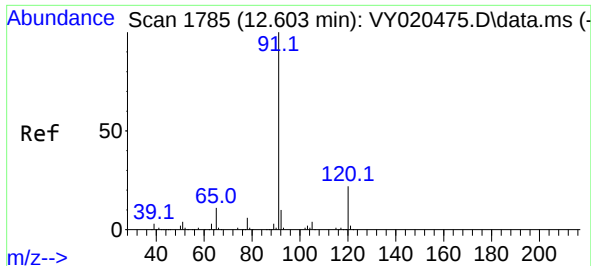
Tgt Ion:	117	Resp:	263717
Ion	Ratio	Lower	Upper
117	100		
82	59.8	48.2	72.4
119	31.9	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY020595.D
Acq: 12 Dec 2024 12:44

Tgt Ion:	152	Resp:	111053
Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.0	90.0
150	157.0	0.0	348.2

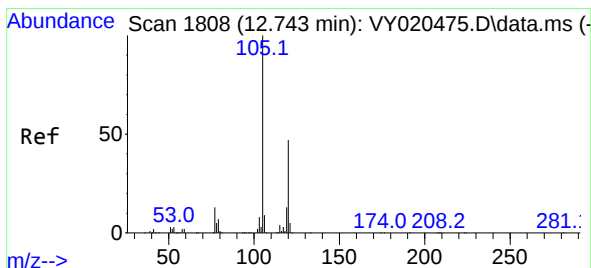
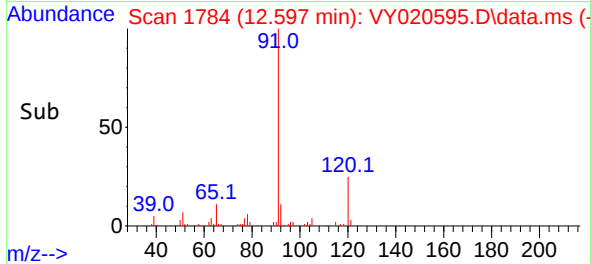
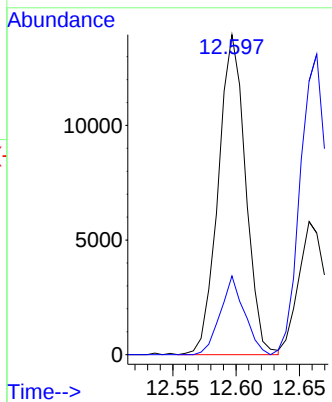
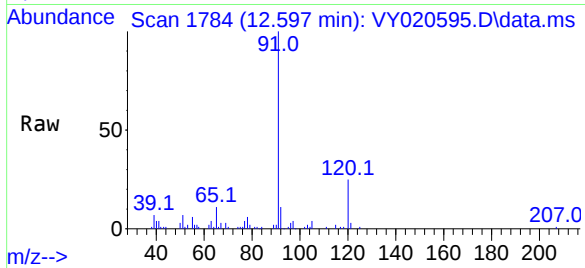




#78
n-propylbenzene
Concen: 1.651 ug/l
RT: 12.597 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020595.D
Acq: 12 Dec 2024 12:44

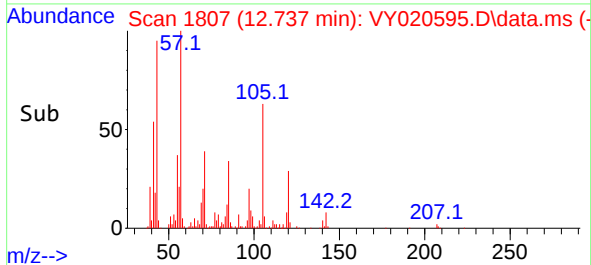
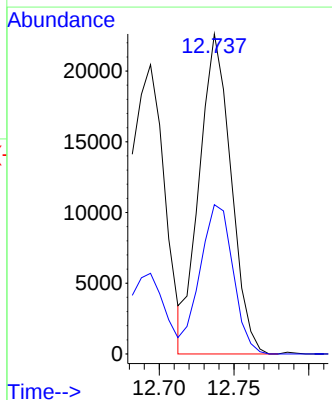
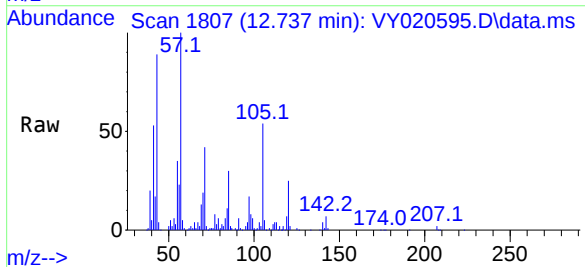
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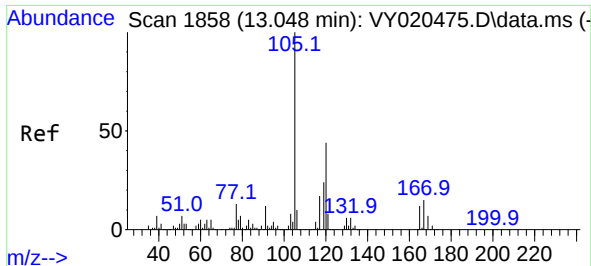
Tgt Ion: 91 Resp: 21002
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.6



#80
1,3,5-Trimethylbenzene
Concen: 3.864 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY020595.D
Acq: 12 Dec 2024 12:44

Tgt Ion: 105 Resp: 33271
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

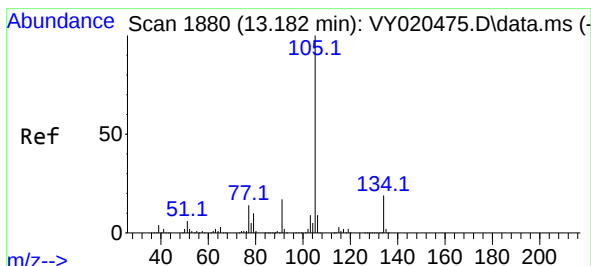
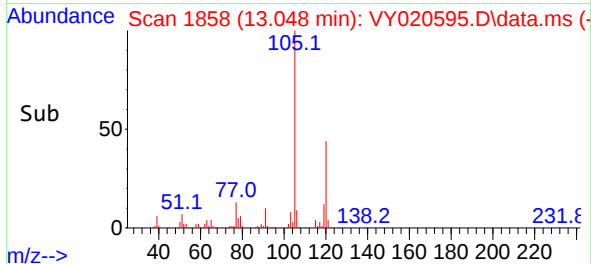
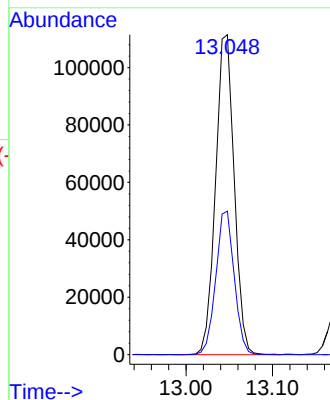
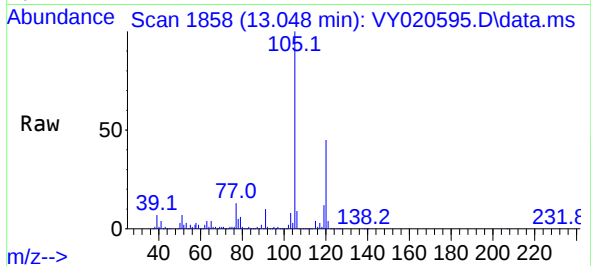




#84
1,2,4-Trimethylbenzene
Concen: 19.884 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY020595.D
Acq: 12 Dec 2024 12:44

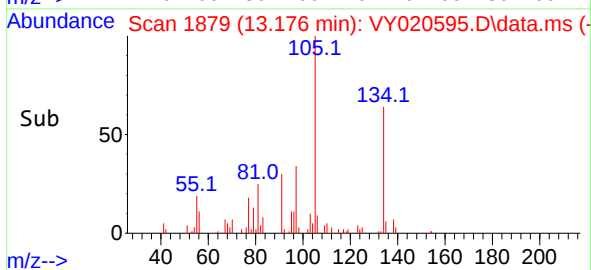
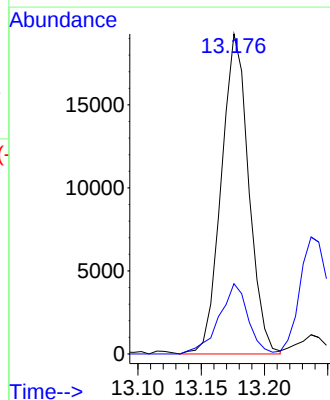
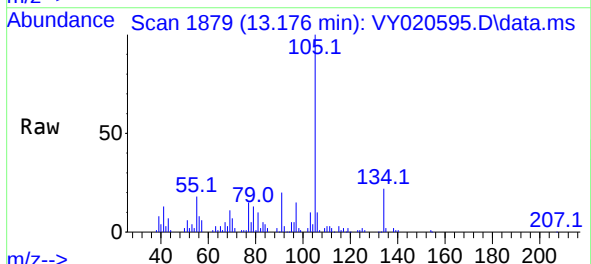
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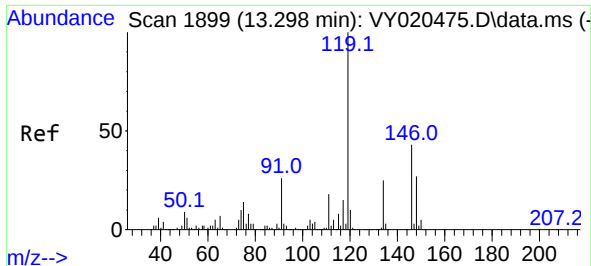
Tgt Ion:105 Resp: 166412
Ion Ratio Lower Upper
105 100
120 44.5 22.0 66.0



#85
sec-Butylbenzene
Concen: 2.602 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. -0.006 min
Lab File: VY020595.D
Acq: 12 Dec 2024 12:44

Tgt Ion:105 Resp: 29031
Ion Ratio Lower Upper
105 100
134 23.2 9.8 29.5

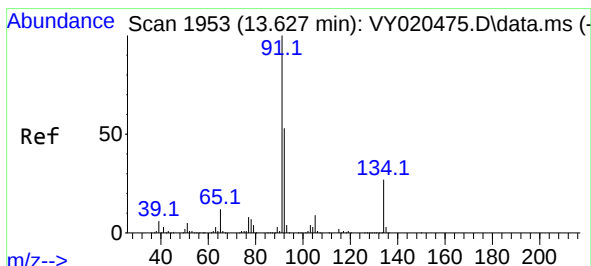
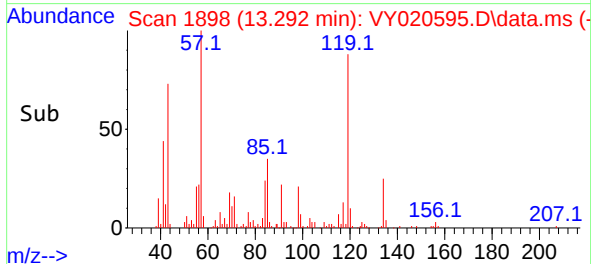
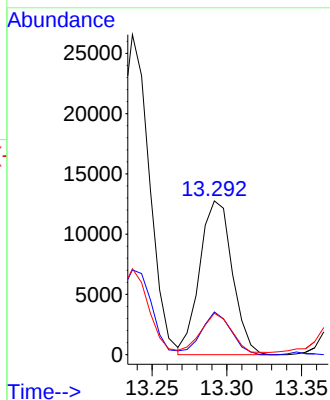
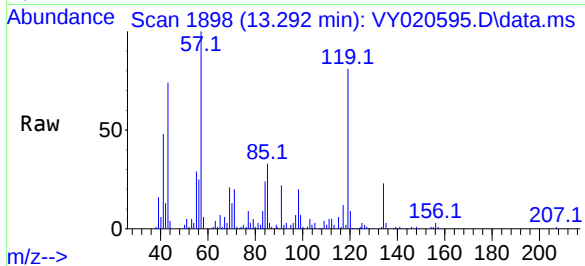




#86
p-Isopropyltoluene
Concen: 2.099 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.006 min
Lab File: VY020595.D
Acq: 12 Dec 2024 12:44

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-121024

Tgt Ion:	119	Resp:	19348
Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.8	38.4
91	23.0	12.3	36.8



#89
n-Butylbenzene
Concen: 3.795 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VY020595.D
Acq: 12 Dec 2024 12:44

Tgt Ion:	91	Resp:	32454
Ion	Ratio	Lower	Upper
91	100		
92	65.2	26.5	79.5
134	0.0	12.2	36.4

