

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019765.D
 Acq On : 02 Oct 2024 15:23
 Operator : SY/MD
 Sample : P4258-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Chamberlain Ave

Quant Time: Oct 03 02:03:26 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)

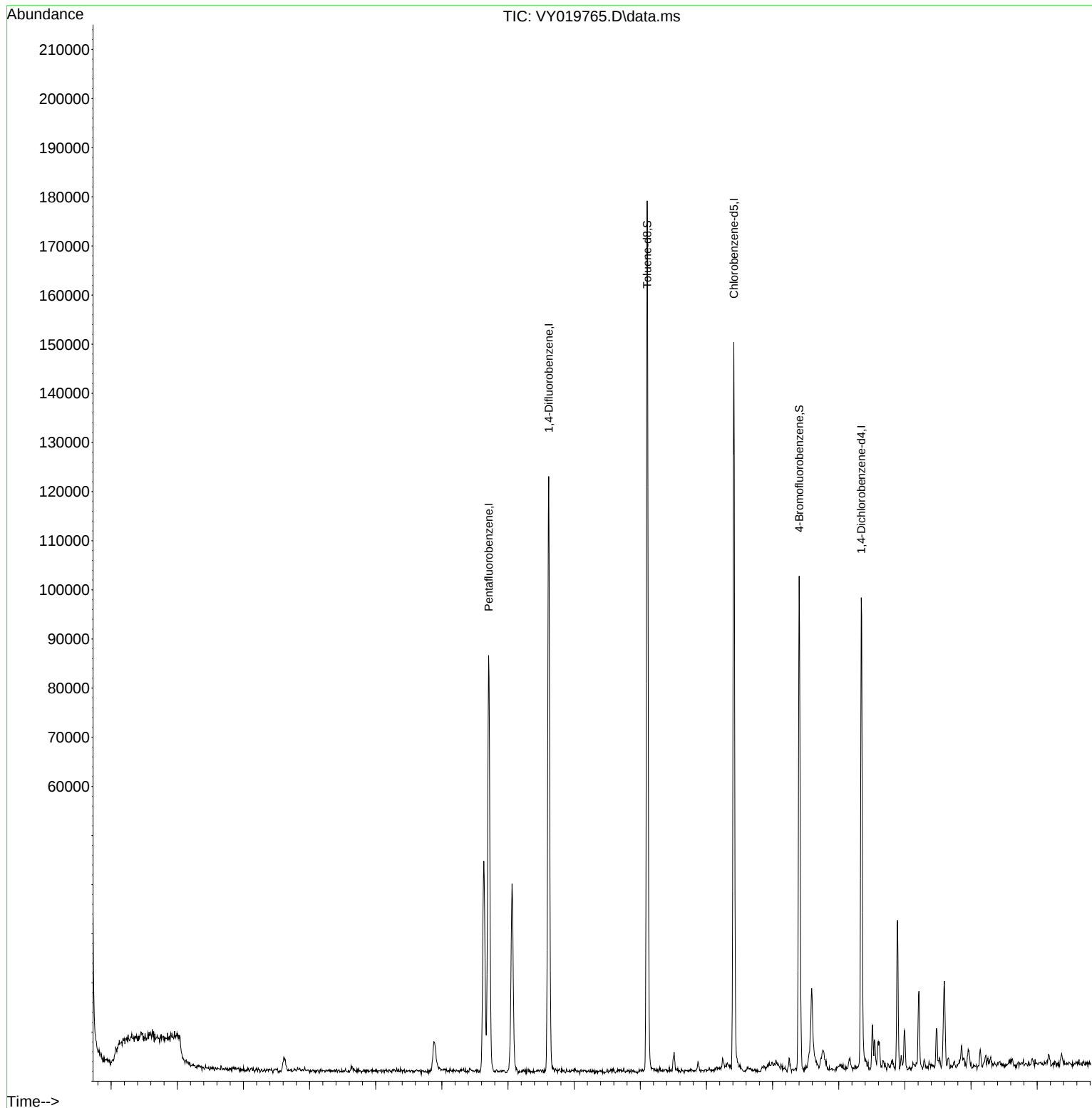
Internal Standards						
1) Pentafluorobenzene	7.707	168	61958	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	102249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	74657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	23916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	30298	52.810	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 105.620%		
35) Dibromofluoromethane	7.628	113	30858	53.228	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 106.460%		
50) Toluene-d8	10.103	98	114643	53.464	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 106.920%		
62) 4-Bromofluorobenzene	12.402	95	31049	37.658	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 75.320%		
Target Compounds						
						Qvalue
78) n-propylbenzene	12.591	91	8096	3.937	ug/l	98
89) n-Butylbenzene	13.615	91	3258	2.245	ug/l #	83
95) Naphthalene	15.139	128	2469	3.038	ug/l #	92

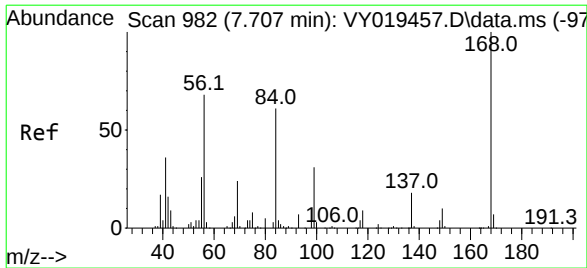
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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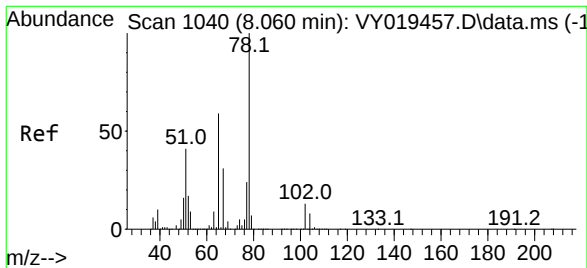
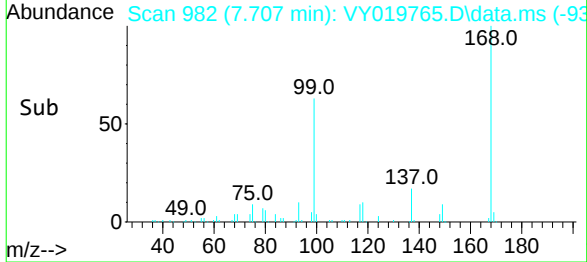
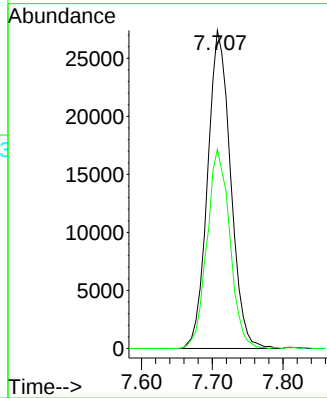
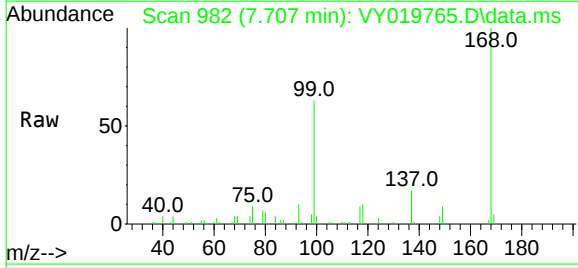




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019765.D
Acq: 02 Oct 2024 15:23

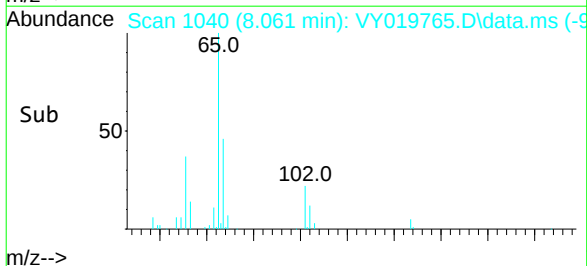
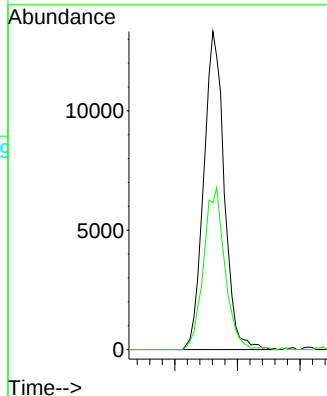
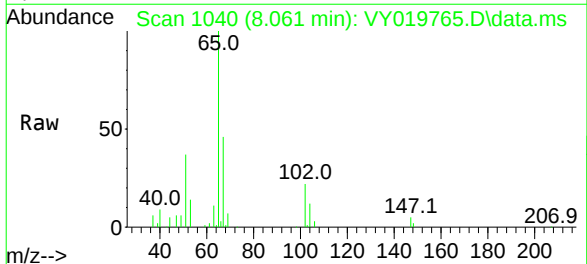
Instrument :
MSVOA_Y
ClientSampleId :
Chamberlain Ave

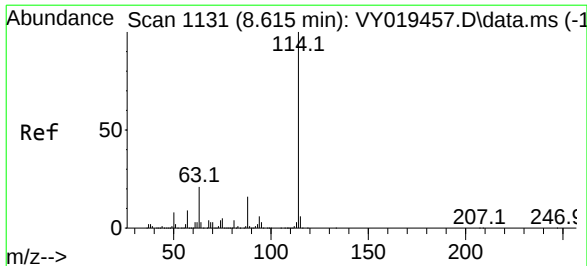
Tgt Ion: 168 Resp: 61958
Ion Ratio Lower Upper
168 100
99 62.6 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 52.810 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019765.D
Acq: 02 Oct 2024 15:23

Tgt Ion: 65 Resp: 30298
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6

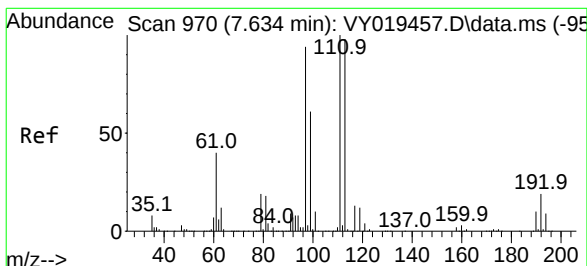
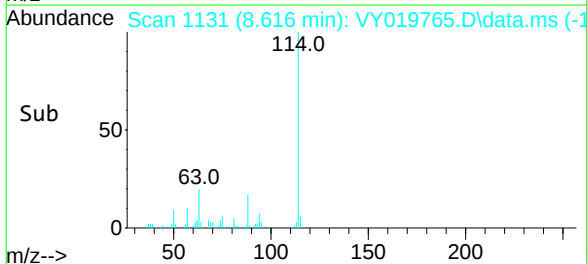
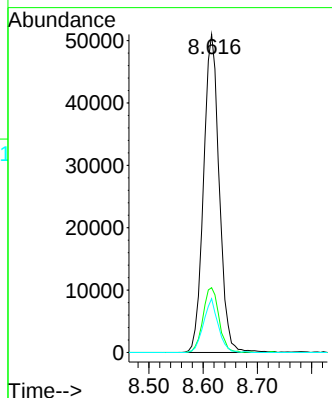
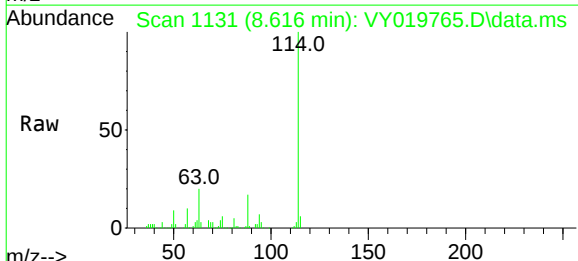




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019765.D
Acq: 02 Oct 2024 15:23

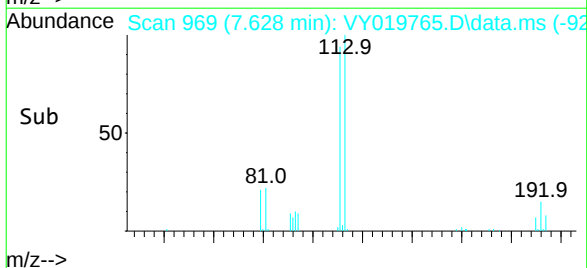
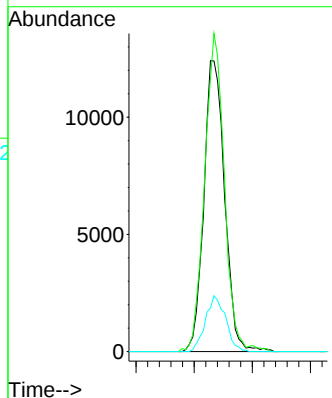
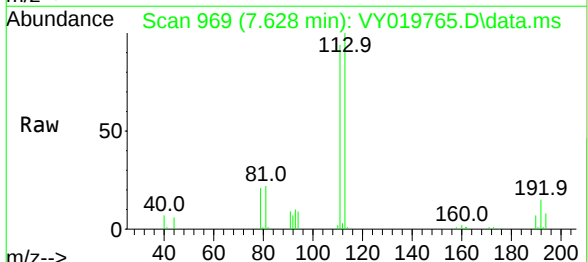
Instrument :
MSVOA_Y
ClientSampleId :
Chamberlain Ave

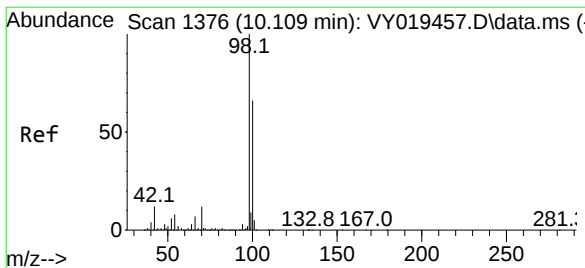
Tgt Ion:	114	Resp:	102249
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	35.0
88	16.9	0.0	27.2



#35
Dibromofluoromethane
Concen: 53.228 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019765.D
Acq: 02 Oct 2024 15:23

Tgt Ion:	113	Resp:	30858
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.2	123.4
192	18.6	15.9	23.9





#50

Toluene-d8

Concen: 53.464 ug/l

RT: 10.103 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY019765.D

Acq: 02 Oct 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

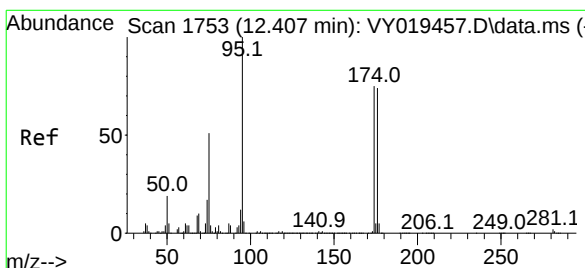
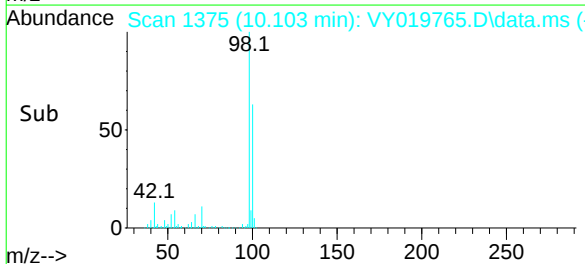
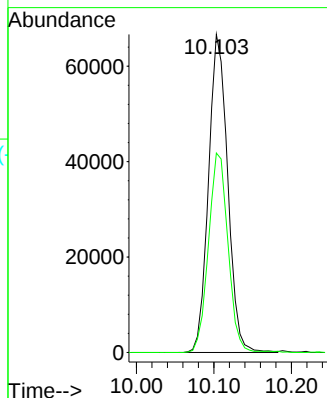
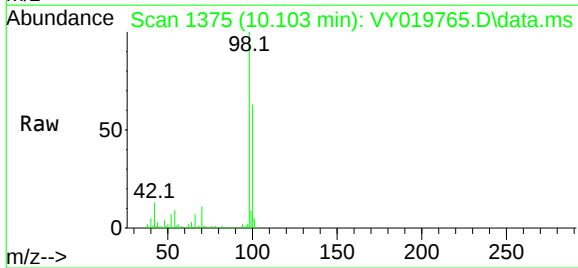
Chamberlain Ave

Tgt Ion: 98 Resp: 114643

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 37.658 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019765.D

Acq: 02 Oct 2024 15:23

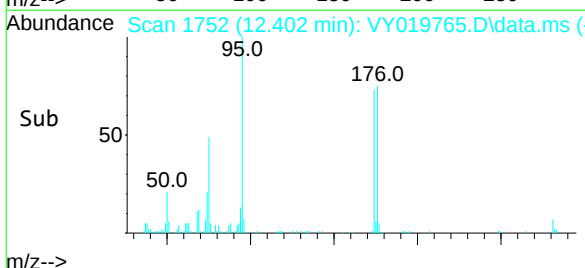
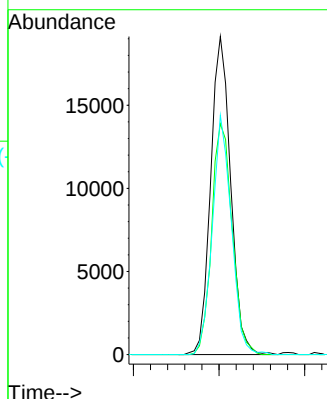
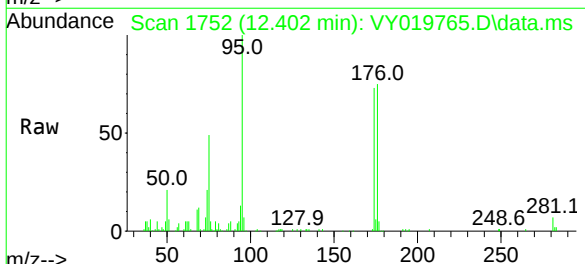
Tgt Ion: 95 Resp: 31049

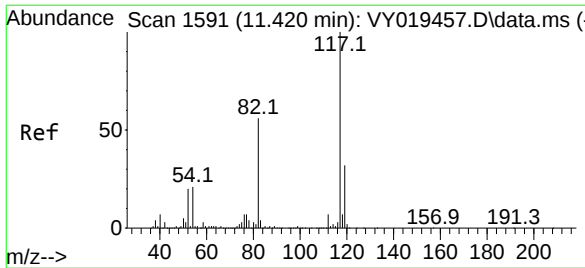
Ion Ratio Lower Upper

95 100

174 74.5 0.0 175.6

176 71.5 0.0 171.4

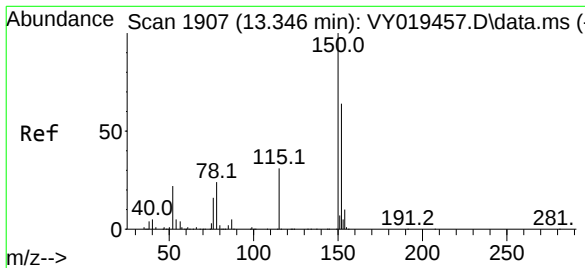
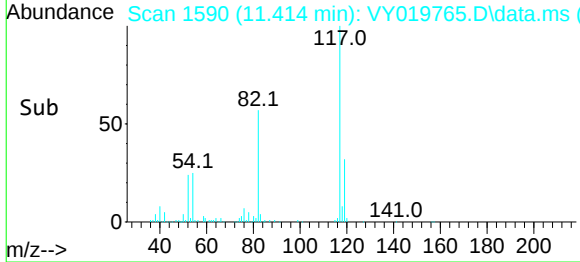
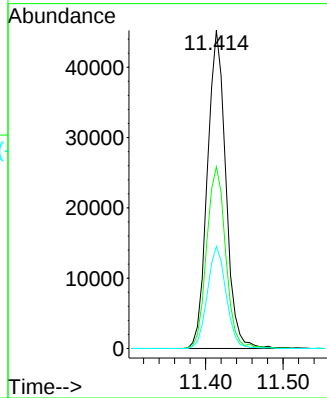
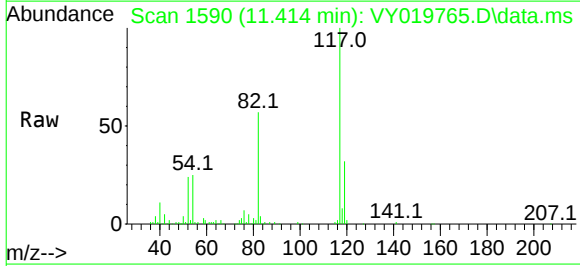




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY019765.D
Acq: 02 Oct 2024 15:23

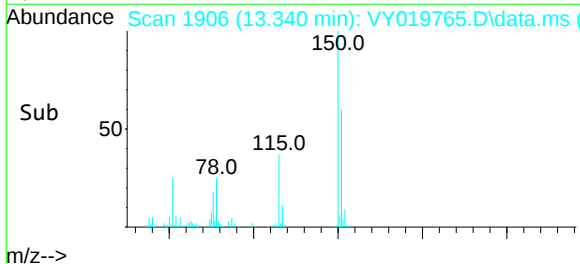
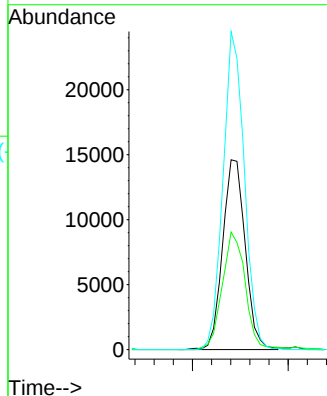
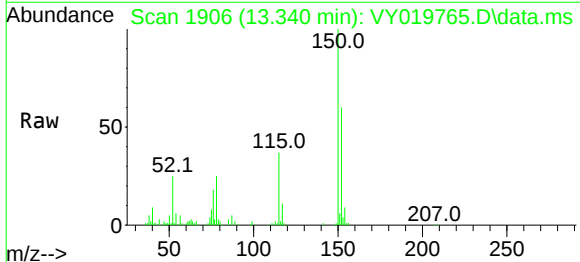
Instrument :
MSVOA_Y
ClientSampleId :
Chamberlain Ave

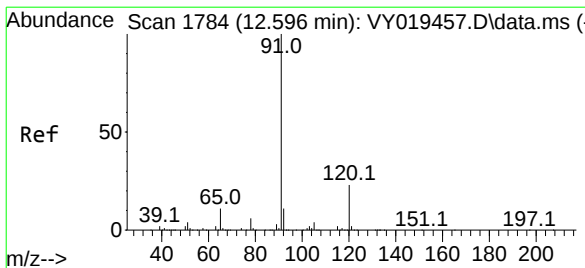
Tgt Ion:	117	Resp:	74657
Ion	Ratio	Lower	Upper
117	100		
82	57.1	42.4	63.6
119	32.1	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY019765.D
Acq: 02 Oct 2024 15:23

Tgt Ion:	152	Resp:	23916
Ion	Ratio	Lower	Upper
152	100		
115	63.2	28.2	84.7
150	158.0	0.0	345.6





#78

n-propylbenzene

Concen: 3.937 ug/l

RT: 12.591 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY019765.D

Acq: 02 Oct 2024 15:23

Instrument :

MSVOA_Y

ClientSampleId :

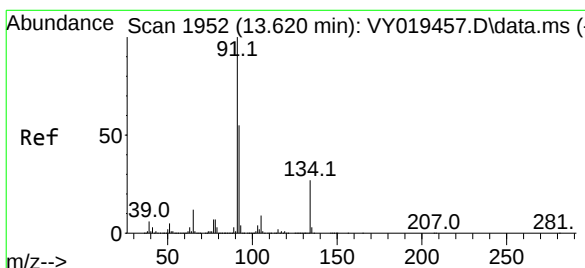
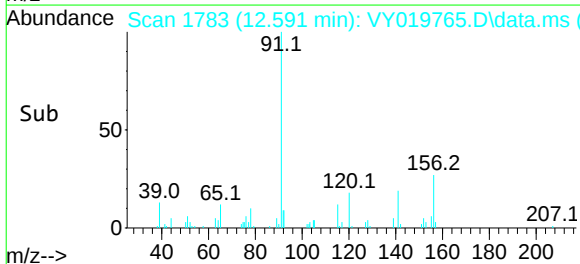
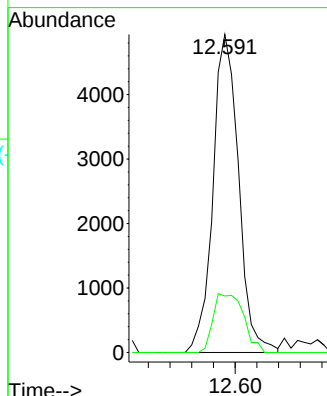
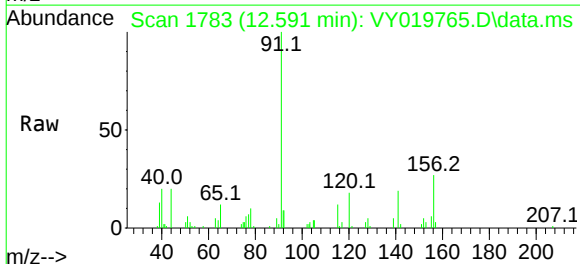
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Tgt Ion: 91 Resp: 8096

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4



#89

n-Butylbenzene

Concen: 2.245 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019765.D

Acq: 02 Oct 2024 15:23

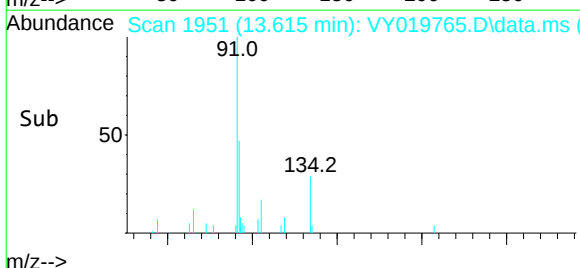
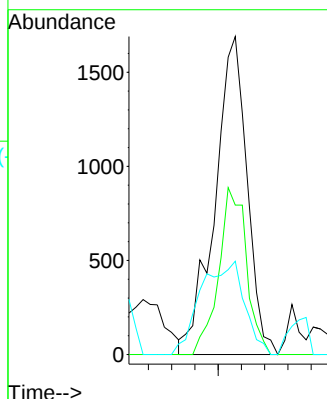
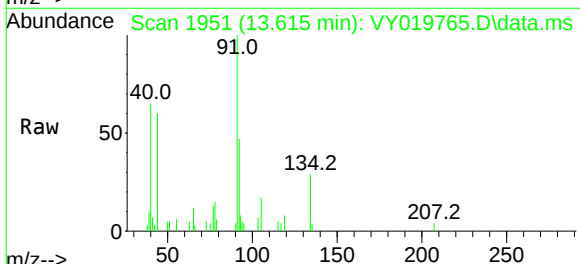
Tgt Ion: 91 Resp: 3258

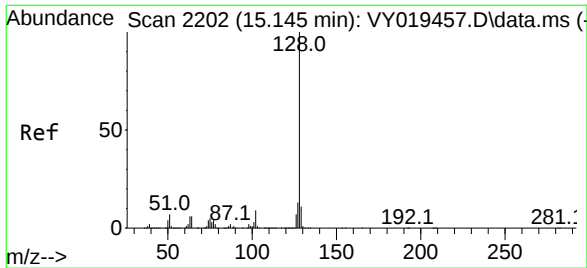
Ion Ratio Lower Upper

91 100

92 45.2 26.6 79.7

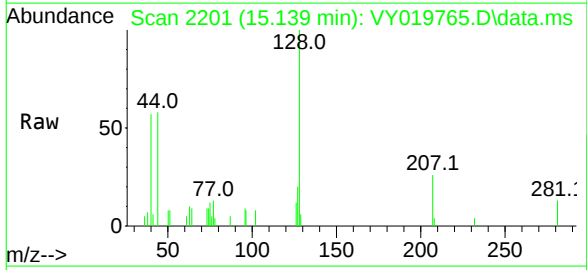
134 39.7 12.9 38.7#





#95
Naphthalene
Concen: 3.038 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY019765.D
Acq: 02 Oct 2024 15:23

Instrument :
MSVOA_Y
ClientSampleId :
Chamberlain Ave



Tgt Ion:	128	Resp:	2469
Ion	Ratio	Lower	Upper
128	100		
127	18.3	10.6	16.0#
129	9.5	8.6	13.0

