

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084724.D
 Acq On : 07 Nov 2024 16:21
 Operator : JC\MD
 Sample : P4739-11
 Misc : 5.21G/10 mL/100uL//5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-B2-VOC

Quant Time: Nov 08 00:28:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

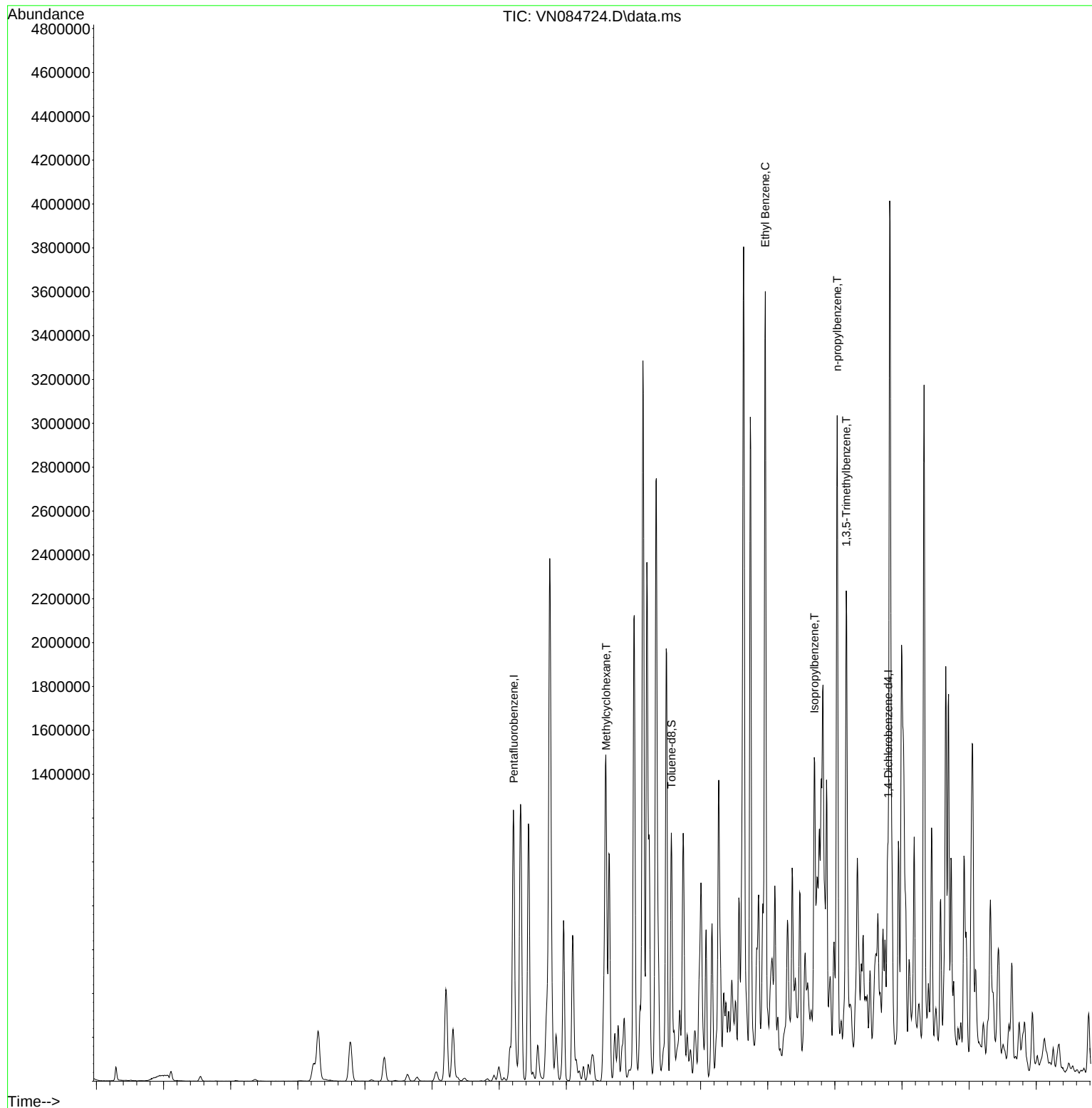
Internal Standards						
1) Pentafluorobenzene	8.218	168	209605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	347749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	281391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130116	42.979	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.960%		
35) Dibromofluoromethane	8.165	113	106870	45.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.800%		
50) Toluene-d8	10.565	98	423783	48.875	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.740%		
62) 4-Bromofluorobenzene	12.847	95	168801	52.090	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.180%		
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.594	83	321484	96.802	ug/l	89
40) Benzene	8.600	78	17771	1.695	ug/l	99
52) Toluene	10.629	92	8851	1.444	ug/l	94
67) Ethyl Benzene	11.965	91	2406151	228.981	ug/l	100
68) m/p-Xylenes	12.071	106	74635	18.761	ug/l	97
69) o-Xylene	12.400	106	11013	2.959	ug/l	80
73) Isopropylbenzene	12.694	105	807978	86.329	ug/l	100
78) n-propylbenzene	13.035	91	2204858	201.036	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	982623	126.673	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	128364	16.033	ug/l	99
85) sec-Butylbenzene	13.618	105	191473	21.114	ug/l #	51
86) p-Isopropyltoluene	13.729	119	78986	10.620	ug/l	98
95) Naphthalene	15.641	128	414383	53.605	ug/l	99

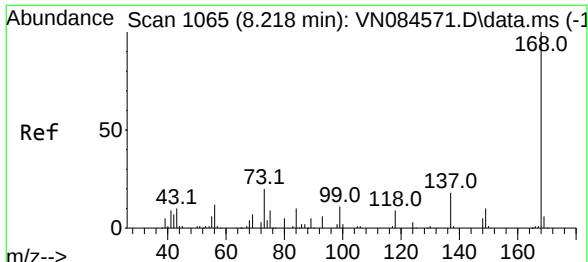
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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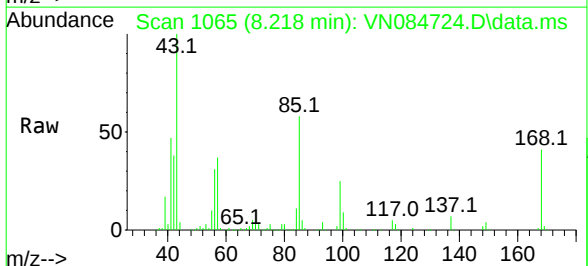
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
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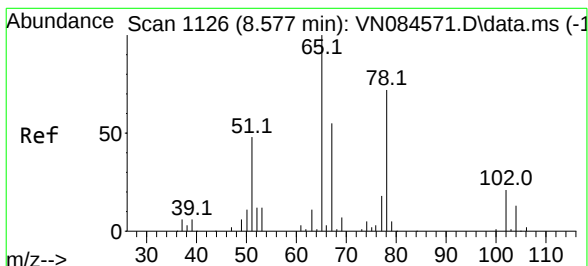
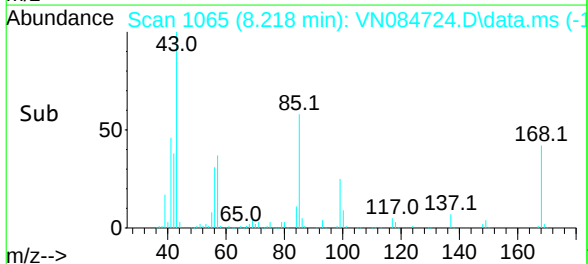
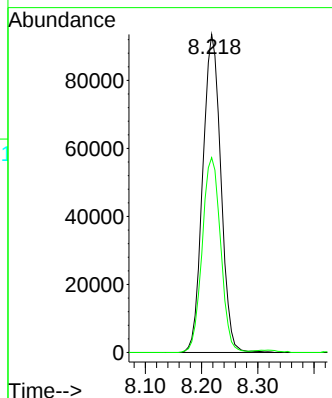


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.006 min
 Lab File: VN084724.D
 Acq: 07 Nov 2024 16:21

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-B2-VOC

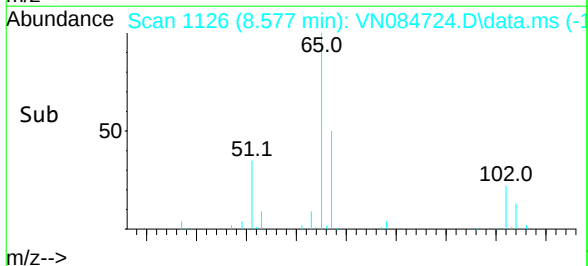
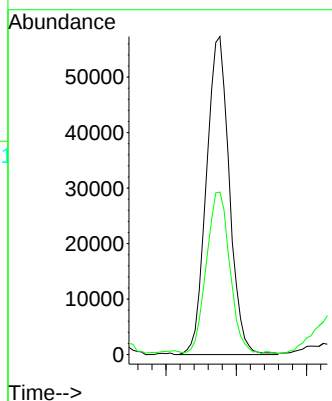
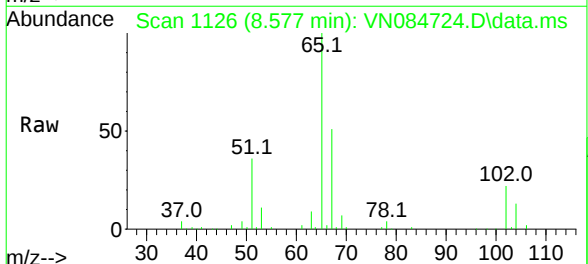


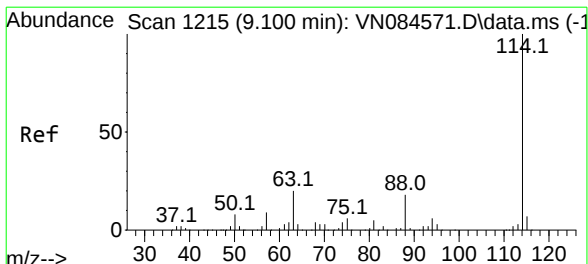
Tgt Ion: 168 Resp: 209605
 Ion Ratio Lower Upper
 168 100
 99 61.3 54.2 81.2



#33
 1,2-Dichloroethane-d4
 Concen: 42.979 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084724.D
 Acq: 07 Nov 2024 16:21

Tgt Ion: 65 Resp: 130116
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.0

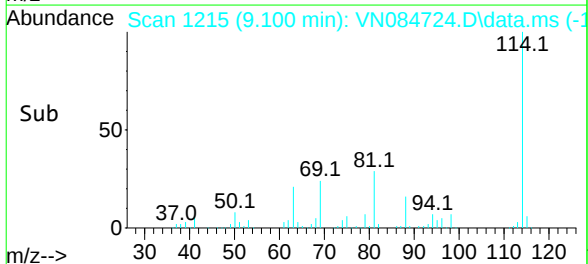
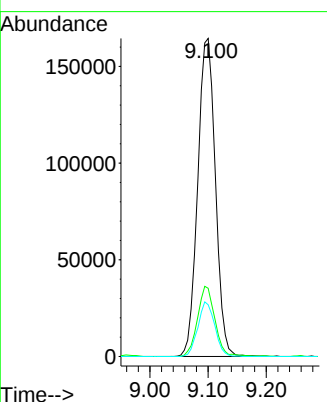
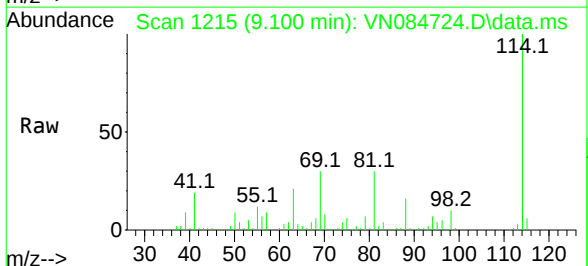




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084724.D
 Acq: 07 Nov 2024 16:21

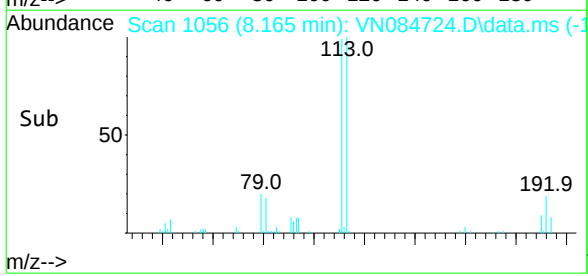
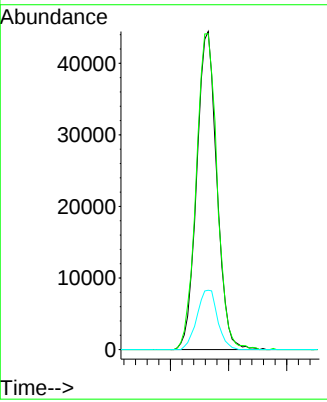
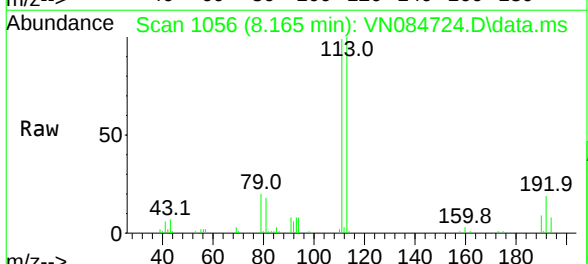
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-B2-VOC

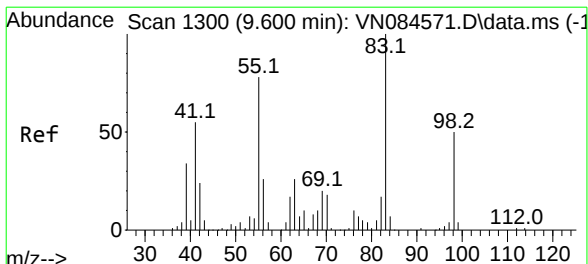
Tgt Ion:	114	Resp:	347749
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.8
88	16.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 45.402 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084724.D
 Acq: 07 Nov 2024 16:21

Tgt Ion:	113	Resp:	106870
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.3	124.9
192	19.1	13.5	20.3

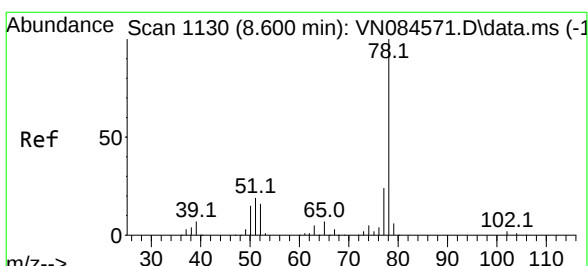
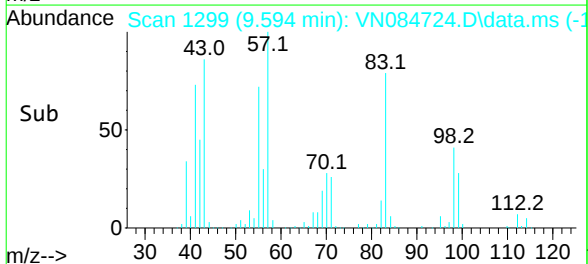
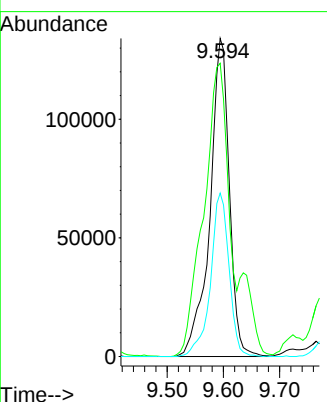
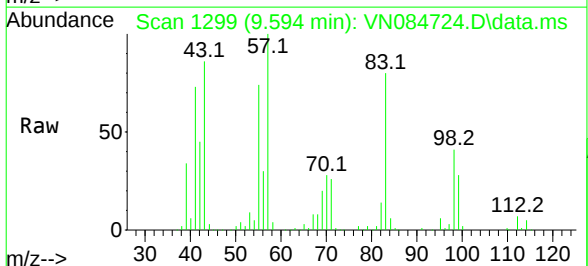




#39
 Methylcyclohexane
 Concen: 96.802 ug/l
 RT: 9.594 min Scan# 1299
 Delta R.T. -0.006 min
 Lab File: VN084724.D
 Acq: 07 Nov 2024 16:21

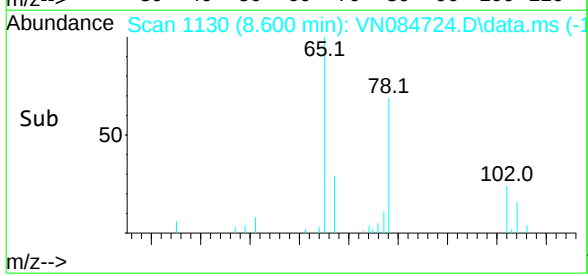
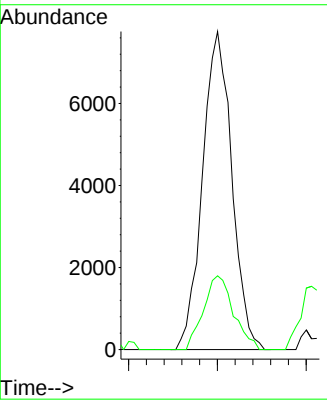
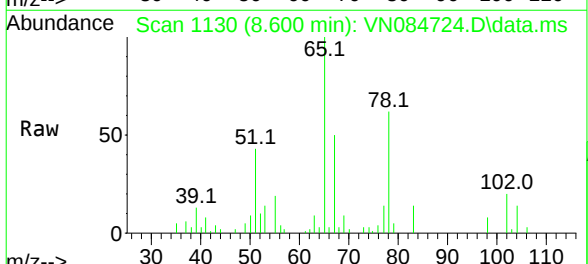
Instrument : MSVOA_N
 ClientSampleId : BP-B2-VOC

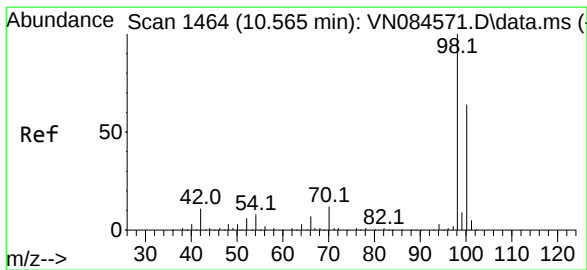
Tgt Ion:	83	Resp:	321484
Ion	Ratio	Lower	Upper
83	100		
55	92.2	62.8	94.2
98	51.4	38.8	58.2



#40
 Benzene
 Concen: 1.695 ug/l
 RT: 8.600 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VN084724.D
 Acq: 07 Nov 2024 16:21

Tgt Ion:	78	Resp:	17771
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.1	28.7





#50

Toluene-d8

Concen: 48.875 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084724.D

Acq: 07 Nov 2024 16:21

Instrument :

MSVOA_N

ClientSampleId :

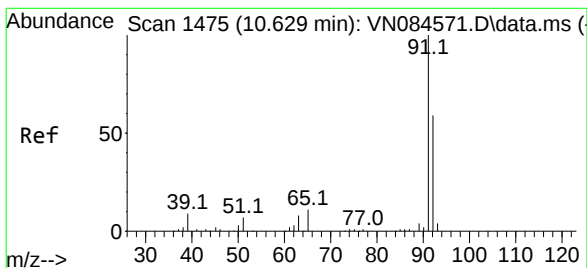
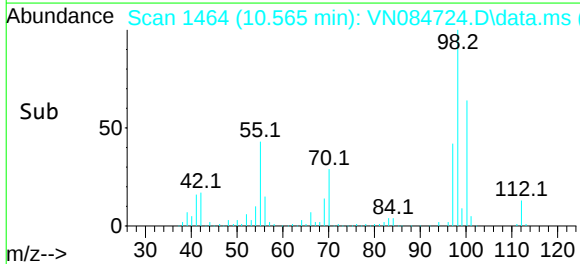
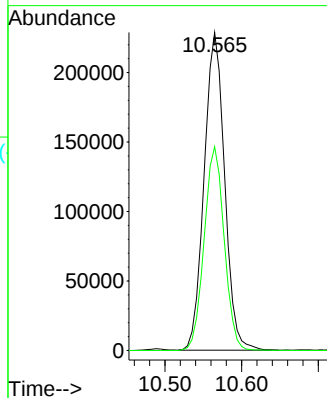
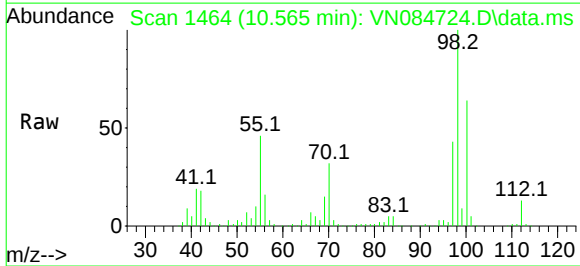
BP-B2-VOC

Tgt Ion: 98 Resp: 423783

Ion Ratio Lower Upper

98 100

100 62.7 52.7 79.1



#52

Toluene

Concen: 1.444 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084724.D

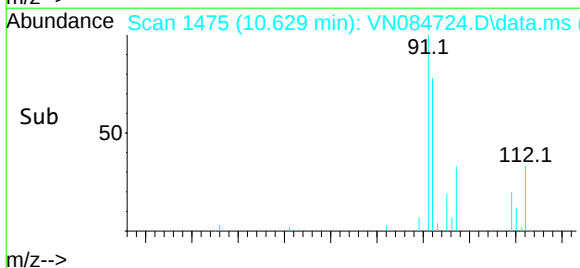
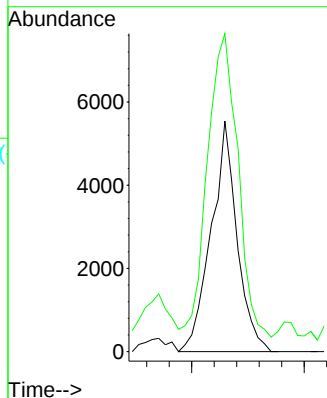
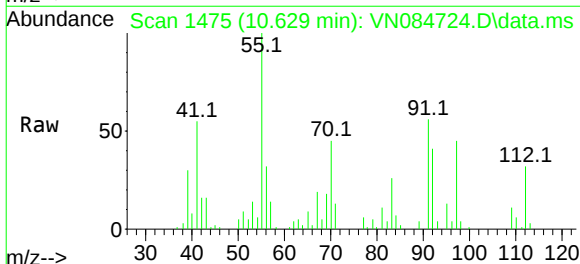
Acq: 07 Nov 2024 16:21

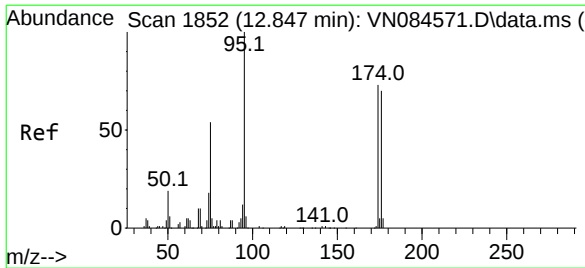
Tgt Ion: 92 Resp: 8851

Ion Ratio Lower Upper

92 100

91 163.8 137.3 205.9

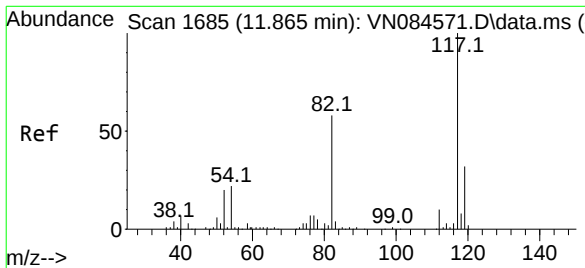
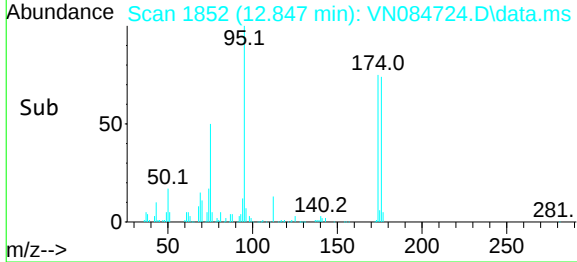
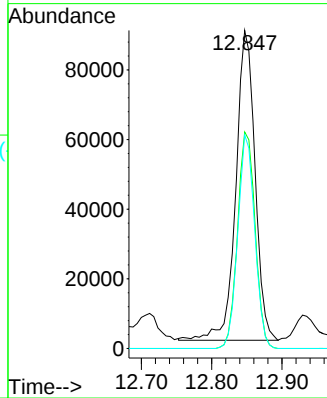
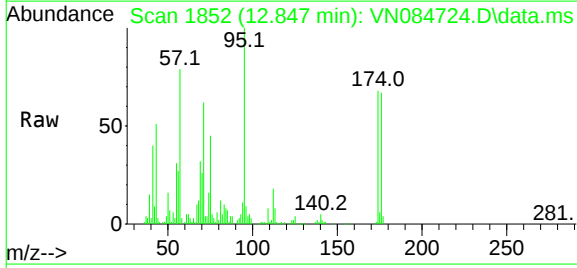




#62
4-Bromofluorobenzene
Concen: 52.090 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084724.D
Acq: 07 Nov 2024 16:21

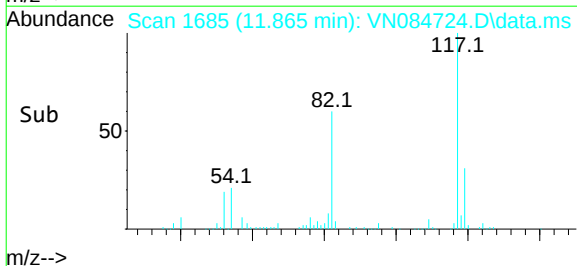
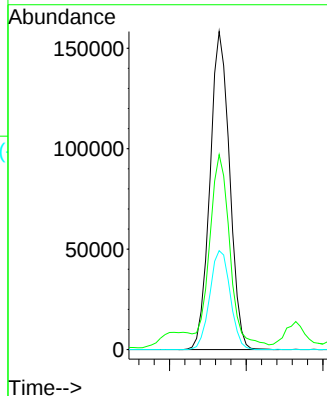
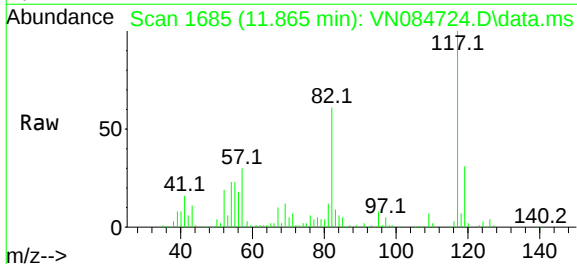
Instrument :
MSVOA_N
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BP-B2-VOC

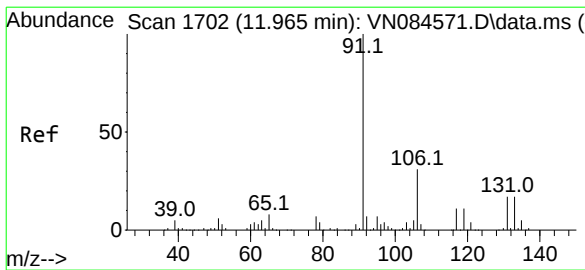
Tgt Ion: 95 Resp: 168801
Ion Ratio Lower Upper
95 100
174 63.9 0.0 145.2
176 60.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084724.D
Acq: 07 Nov 2024 16:21

Tgt Ion: 117 Resp: 281391
Ion Ratio Lower Upper
117 100
82 58.6 47.2 70.8
119 31.1 25.4 38.0

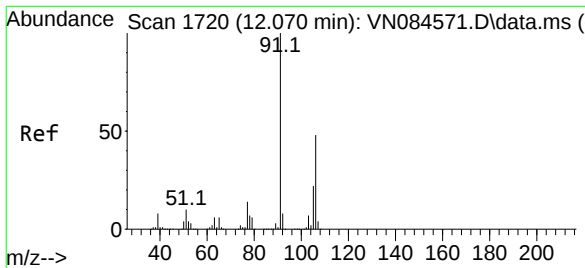
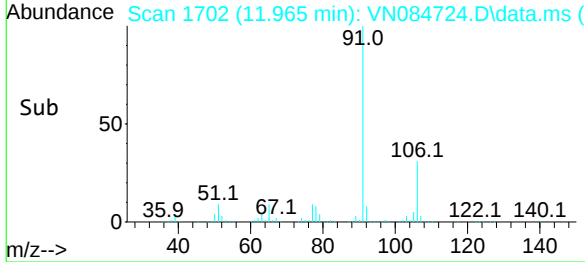
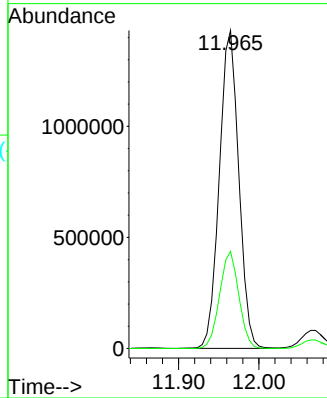
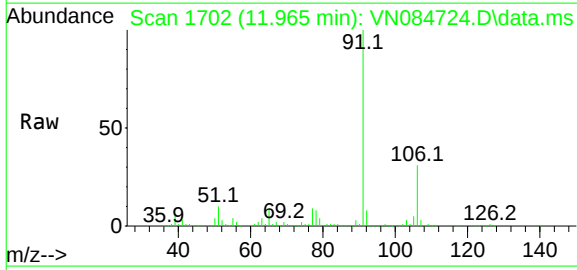




#67
Ethyl Benzene
Concen: 228.981 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084724.D
Acq: 07 Nov 2024 16:21

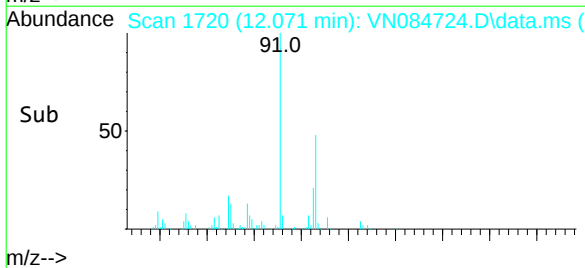
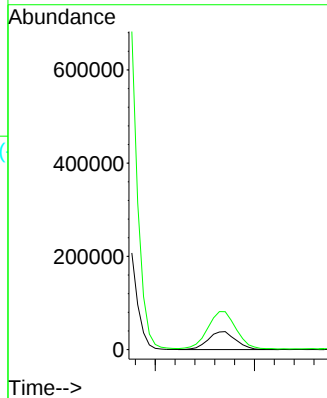
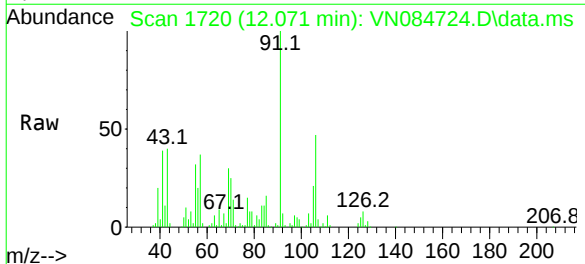
Instrument :
MSVOA_N
ClientSampleId :
BP-B2-VOC

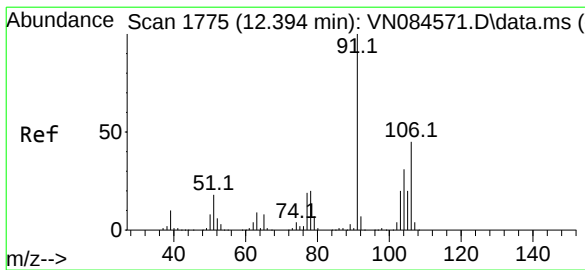
Tgt Ion: 91 Resp: 2406151
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7



#68
m/p-Xylenes
Concen: 18.761 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084724.D
Acq: 07 Nov 2024 16:21

Tgt Ion:106 Resp: 74635
Ion Ratio Lower Upper
106 100
91 214.0 167.1 250.7





#69

o-Xylene

Concen: 2.959 ug/l

RT: 12.400 min Scan# 17

Delta R.T. 0.006 min

Lab File: VN084724.D

Acq: 07 Nov 2024 16:21

Instrument :

MSVOA_N

ClientSampleId :

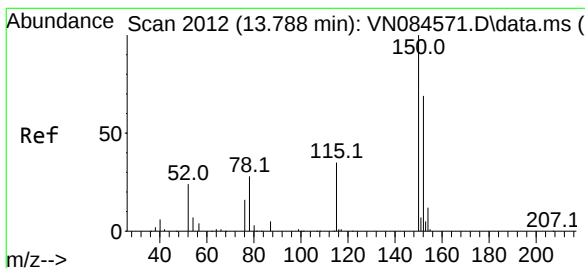
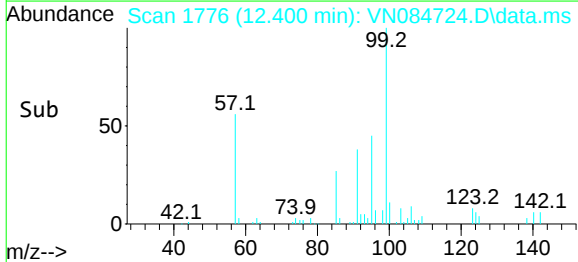
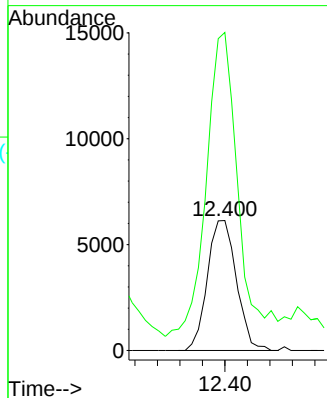
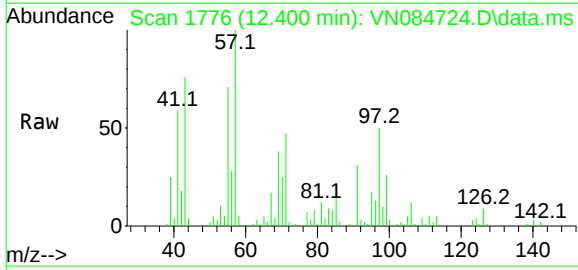
BP-B2-VOC

Tgt Ion:106 Resp: 11013

Ion Ratio Lower Upper

106 100

91 251.9 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084724.D

Acq: 07 Nov 2024 16:21

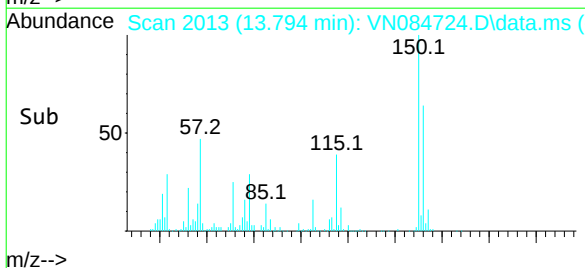
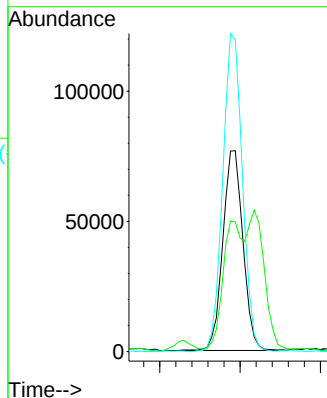
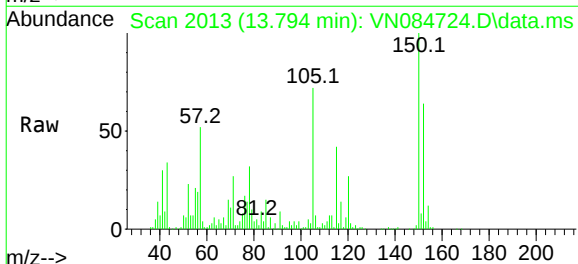
Tgt Ion:152 Resp: 133556

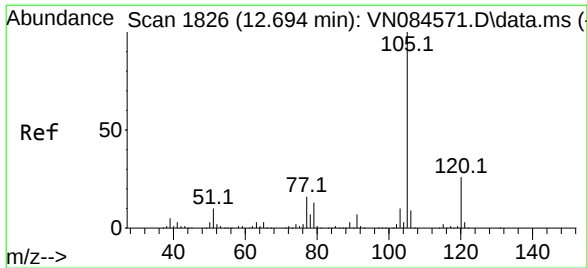
Ion Ratio Lower Upper

152 100

115 66.9 31.3 93.9

150 155.6 0.0 349.8





#73

Isopropylbenzene

Concen: 86.329 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084724.D

Acq: 07 Nov 2024 16:21

Instrument :

MSVOA_N

ClientSampleId :

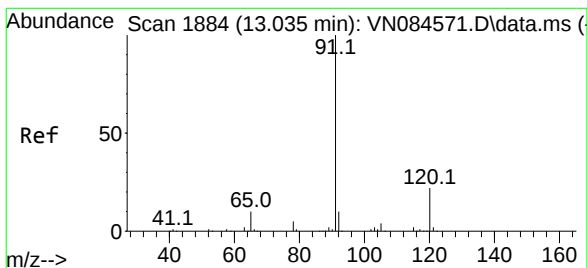
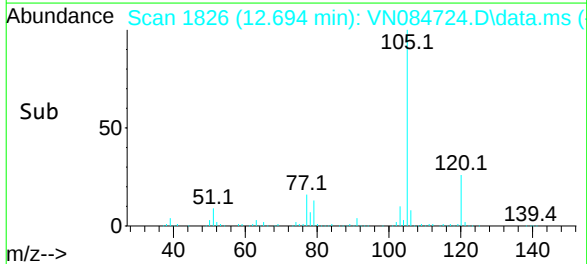
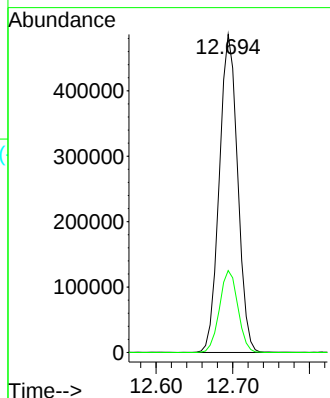
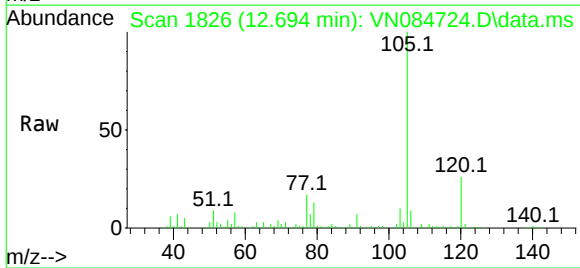
BP-B2-VOC

Tgt Ion:105 Resp: 807978

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



#78

n-propylbenzene

Concen: 201.036 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084724.D

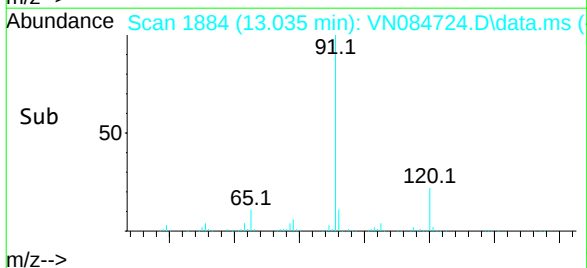
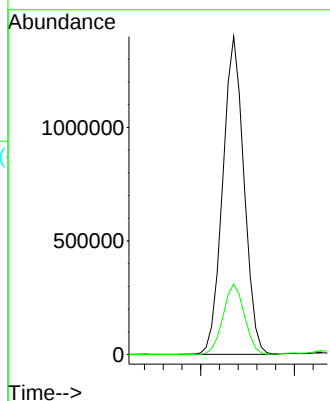
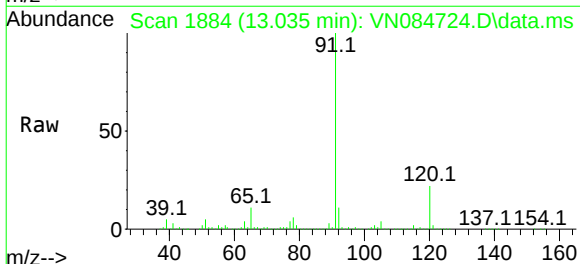
Acq: 07 Nov 2024 16:21

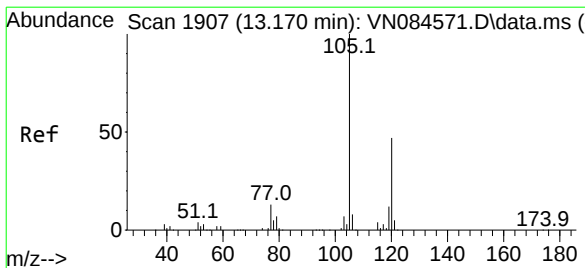
Tgt Ion: 91 Resp: 2204858

Ion Ratio Lower Upper

91 100

120 22.4 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 126.673 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084724.D

Acq: 07 Nov 2024 16:21

Instrument :

MSVOA_N

ClientSampleId :

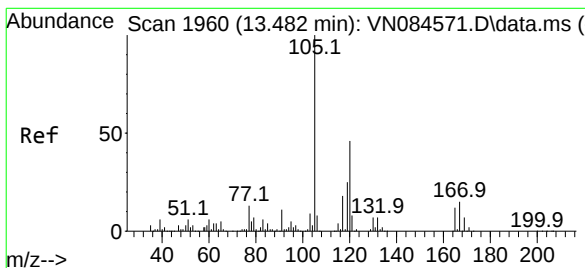
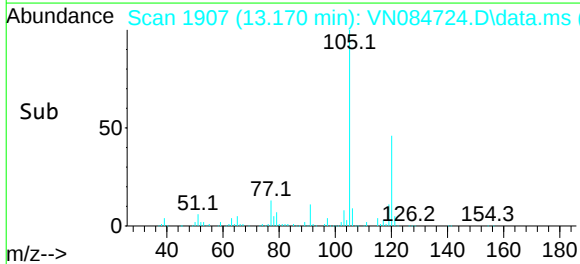
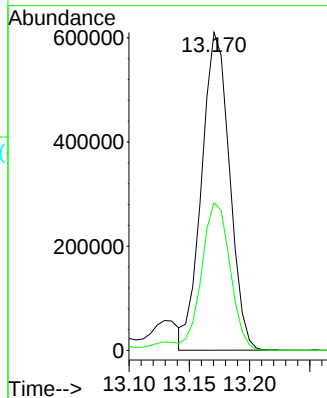
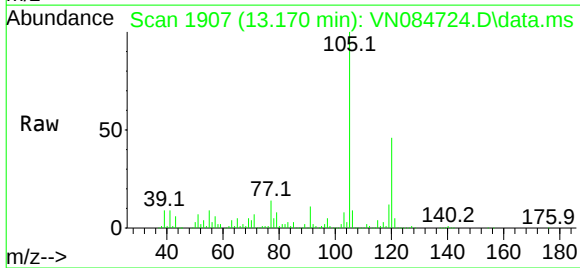
BP-B2-VOC

Tgt Ion:105 Resp: 982623

Ion Ratio Lower Upper

105 100

120 50.0 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 16.033 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084724.D

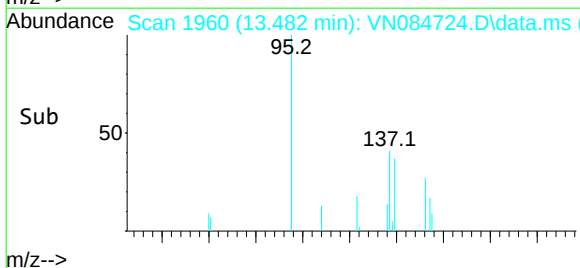
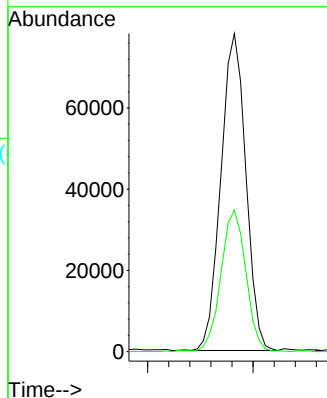
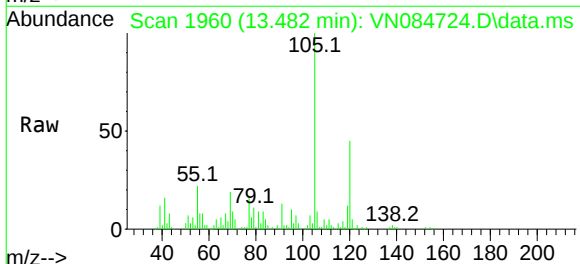
Acq: 07 Nov 2024 16:21

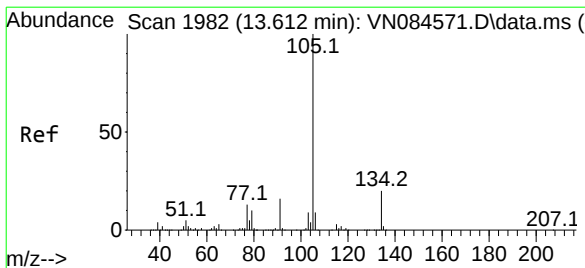
Tgt Ion:105 Resp: 128364

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 21.114 ug/l

RT: 13.618 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN084724.D

Acq: 07 Nov 2024 16:21

Instrument :

MSVOA_N

ClientSampleId :

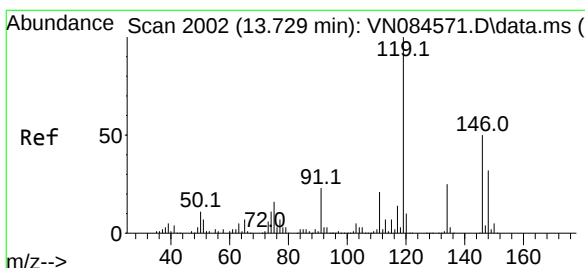
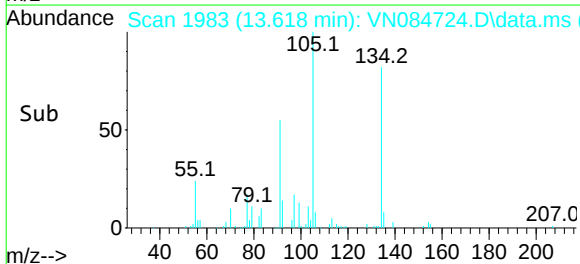
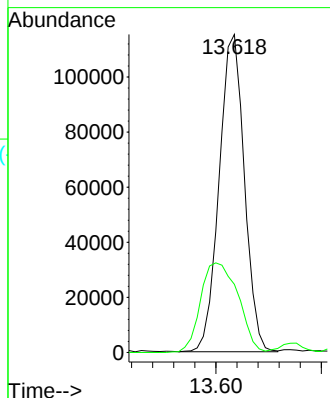
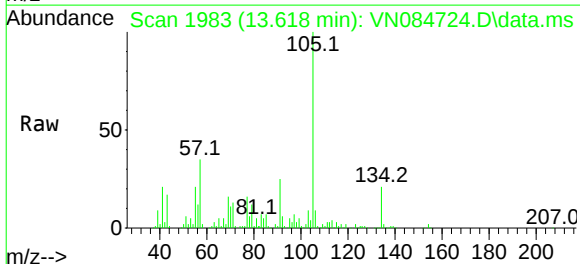
BP-B2-VOC

Tgt Ion:105 Resp: 191473

Ion Ratio Lower Upper

105 100

134 42.0 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 10.620 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084724.D

Acq: 07 Nov 2024 16:21

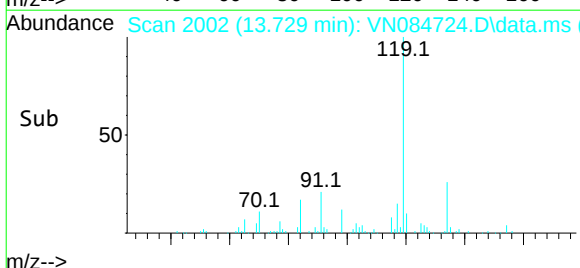
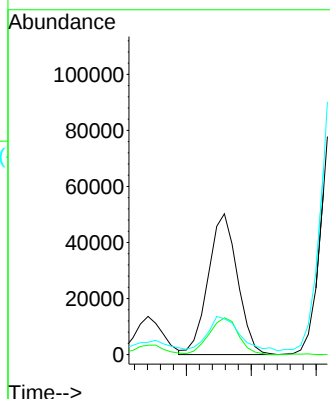
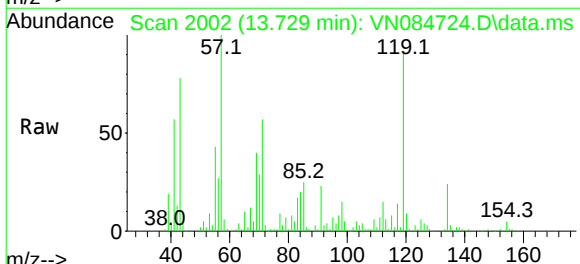
Tgt Ion:119 Resp: 78986

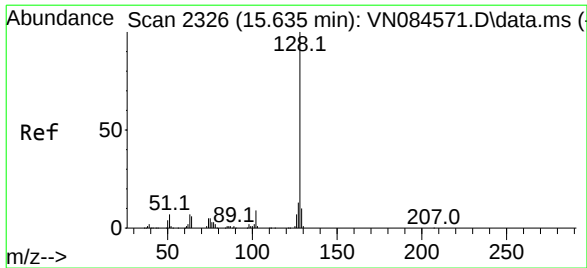
Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

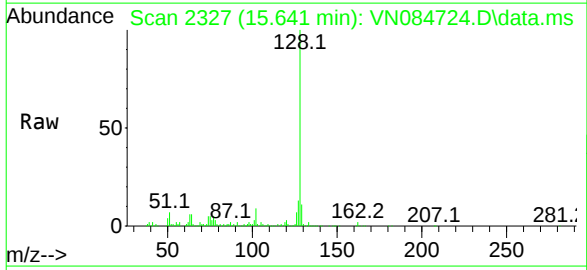
91 25.7 12.4 37.2





#95
Naphthalene
Concen: 53.605 ug/l
RT: 15.641 min Scan# 23
Delta R.T. 0.006 min
Lab File: VN084724.D
Acq: 07 Nov 2024 16:21

Instrument :
MSVOA_N
ClientSampleId :
BP-B2-VOC



Tgt Ion:	128	Resp:	414383
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.1	8.7	13.1

