

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055770.D
 Acq On : 23 May 2019 22:12
 Operator : JC/SP
 Sample : K2976-06
 Misc : 3.93g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E-6R(17-20)

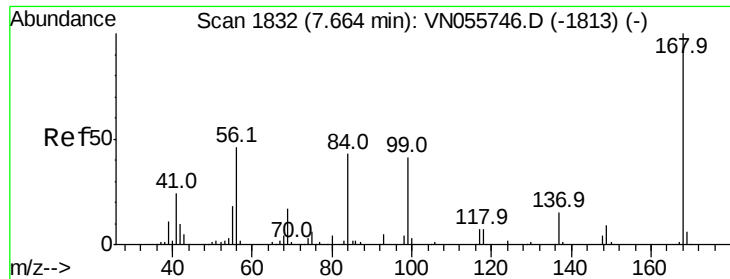
Manual Integrations
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 5/24/2019 9:23:58 AM

Quant Time: May 24 07:45:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	373676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	516957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	170013	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	
35) Dibromofluoromethane	7.59	113	154624	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
50) Toluene-d8	10.09	98	611381	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	12.40	95	215708	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.51	91	20545	1.227	ug/l	99
68) m/p-Xylenes	11.63	106	30570	4.827	ug/l	94
73) Isopropylbenzene	12.25	105	101323	3.840	ug/l	100
78) n-propylbenzene	12.59	91	258722	13.170	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	308026	21.290	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1490161	113.249	ug/l	98
85) sec-Butylbenzene	13.17	105	186530	10.388	ug/l #	71
86) p-Isopropyltoluene	13.29	119	165603	10.550	ug/l	99
89) n-Butylbenzene	13.61	91	170448m	14.172	ug/l	
95) Naphthalene	15.13	128	29518	2.823	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E-6R(17-20)

Tot Ion:168 Resp: 373676

Ion Ratio Lower Upper

168 100

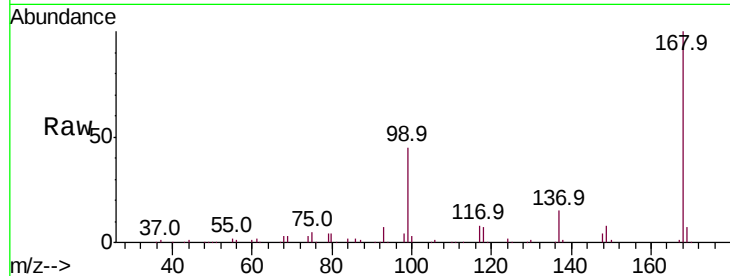
99 44.7 37.2 55.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

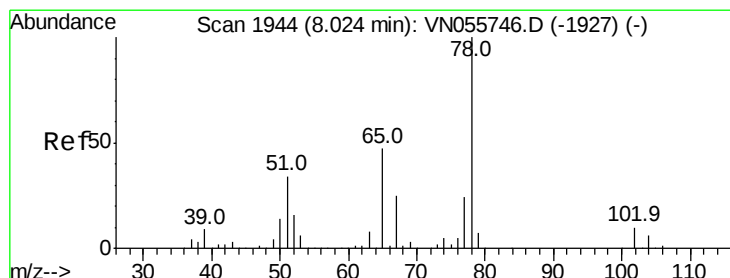
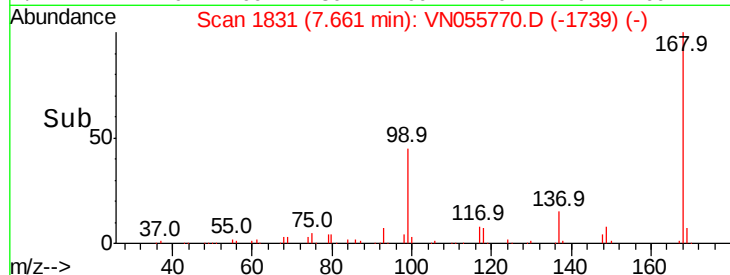
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 44.056 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN055770.D

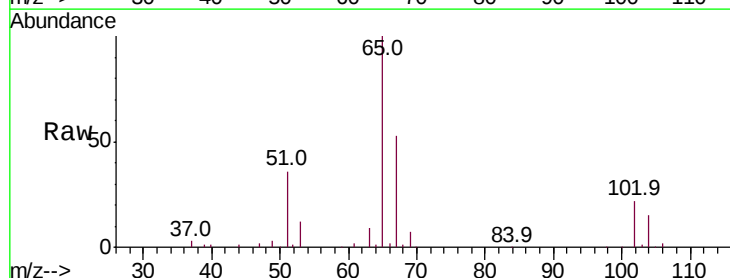
Acq: 23 May 2019 22:12

Tgt Ion: 65 Resp: 170013

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.02

80000

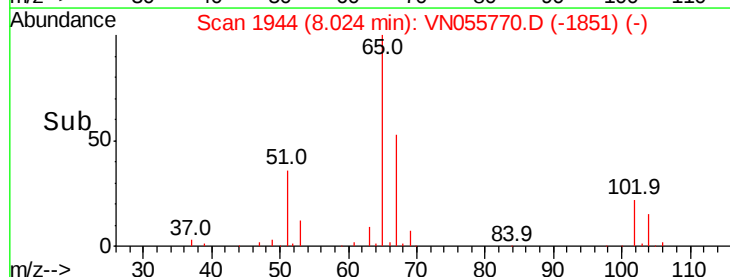
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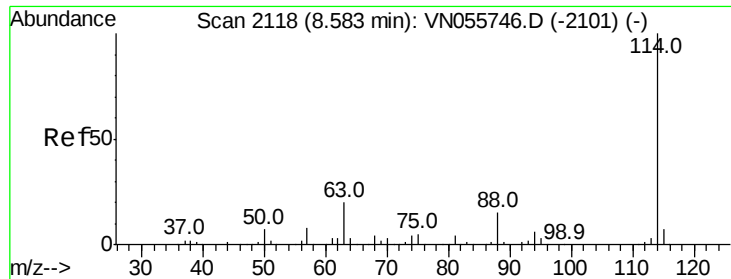
40000

20000

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Time--> 7.90 8.00 8.10





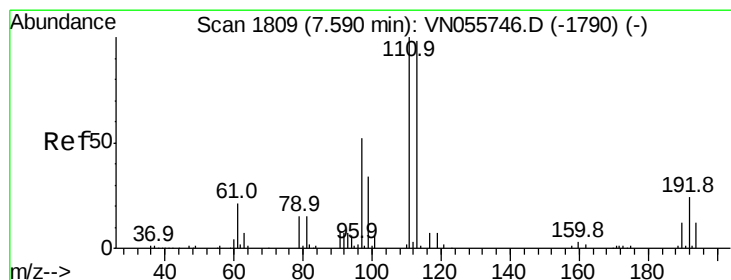
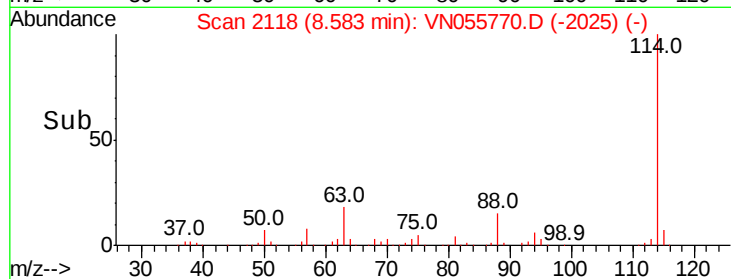
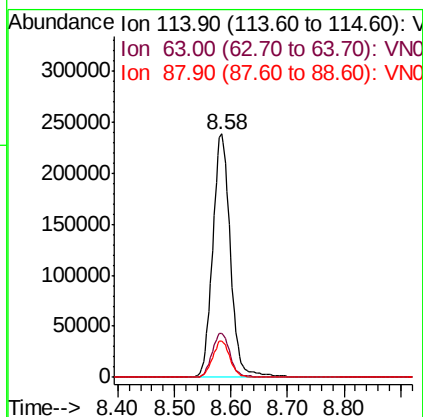
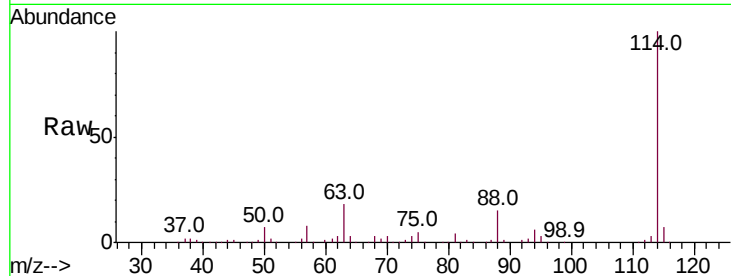
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E-6R(17-20)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	516957		
63	18.1	0.0	39.2	
88	14.9	0.0	31.0	

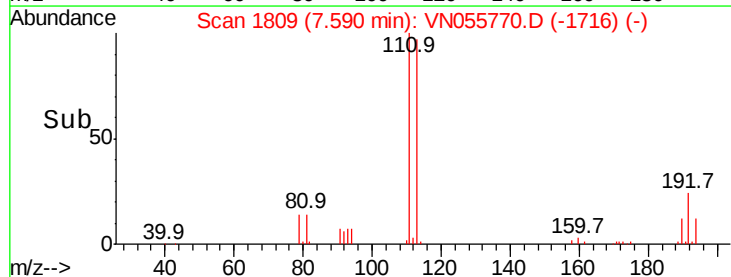
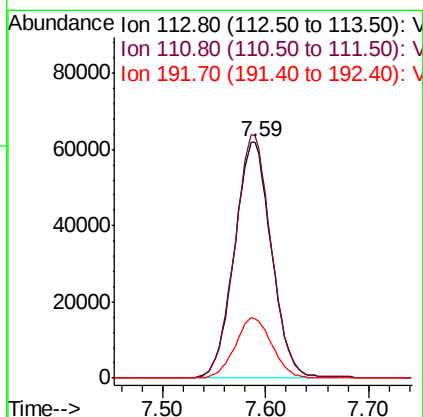
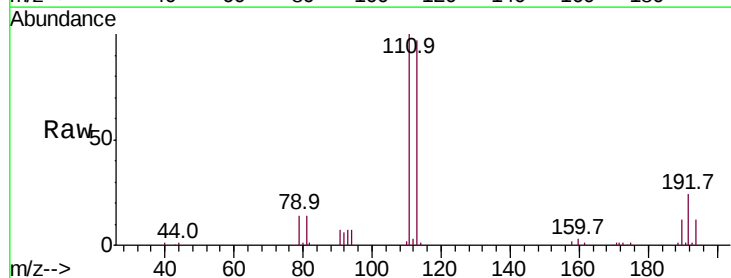
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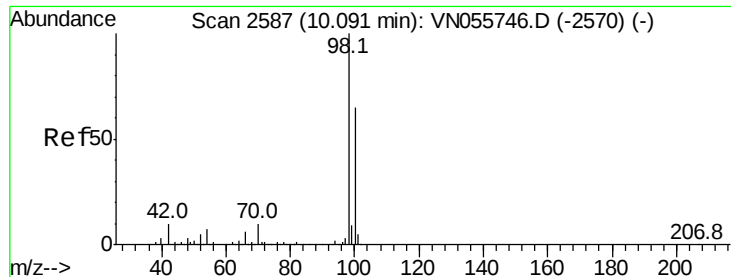
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#35
Dibromofluoromethane
Concen: 47.309 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	154624		
111	101.6	81.9	122.9	
192	25.3	19.5	29.3	





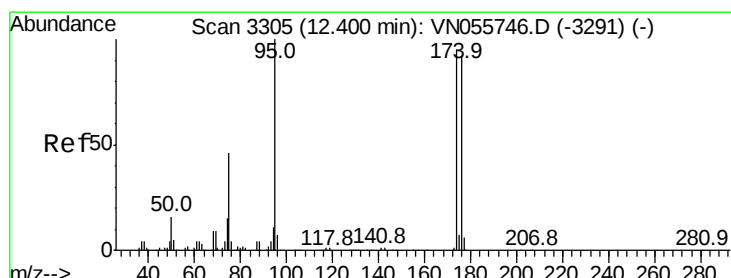
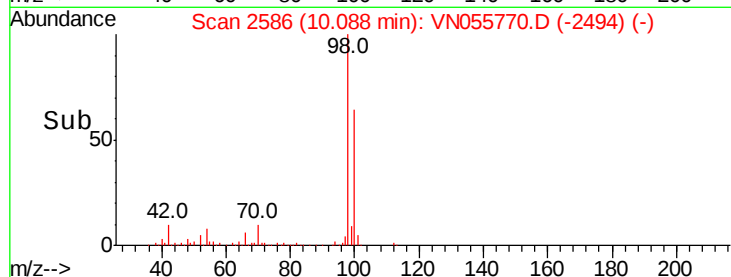
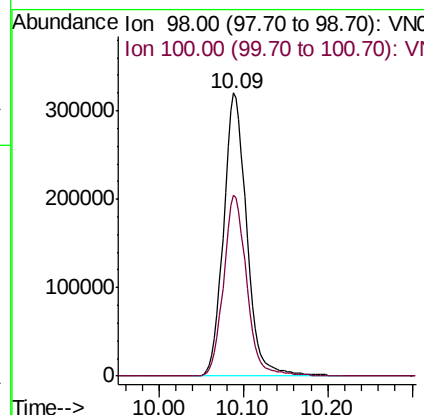
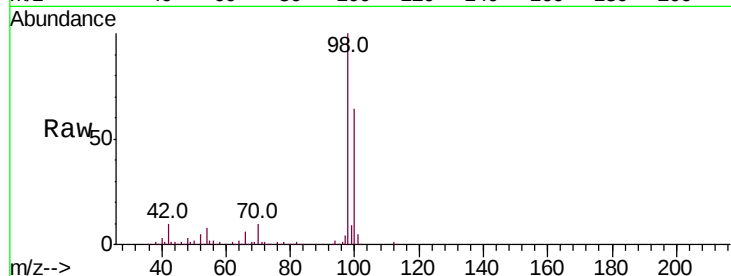
#50
Toluene-d8
Concen: 48.765 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E-6R(17-20)

Tot Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.9	77.9

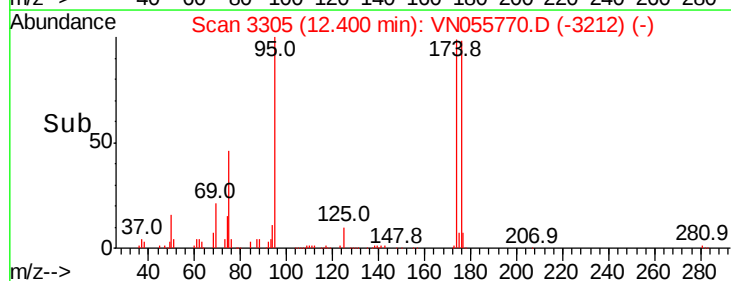
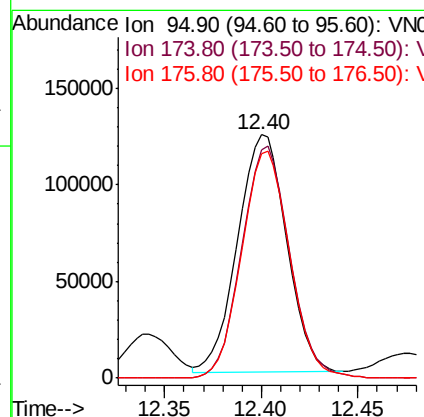
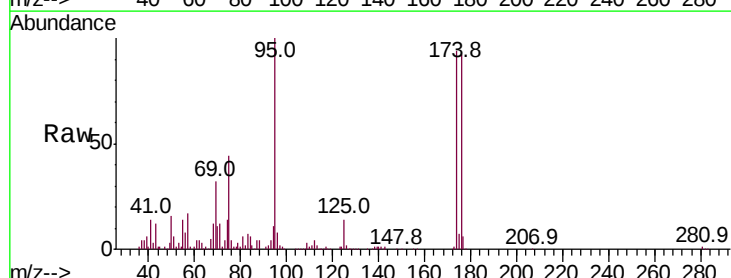
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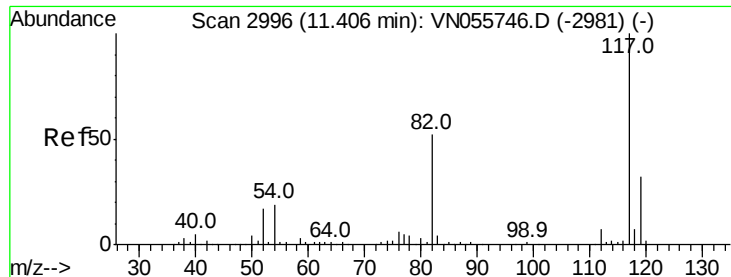
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#62
4-Bromofluorobenzene
Concen: 50.178 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	191.0
176	94.2	0.0	185.2





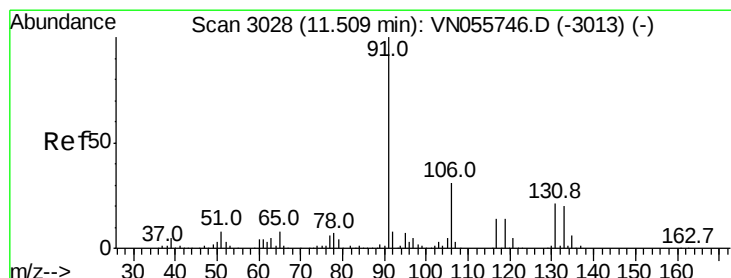
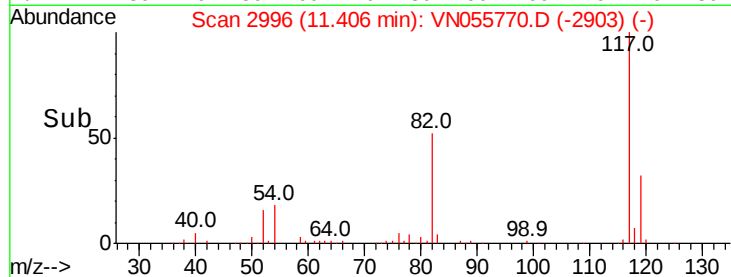
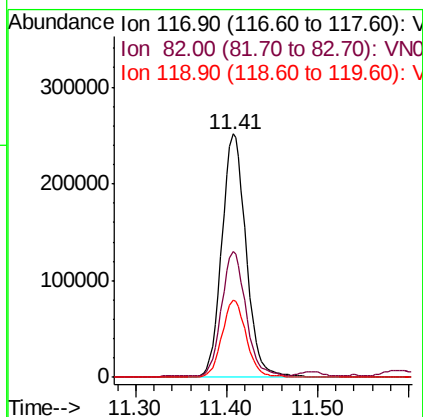
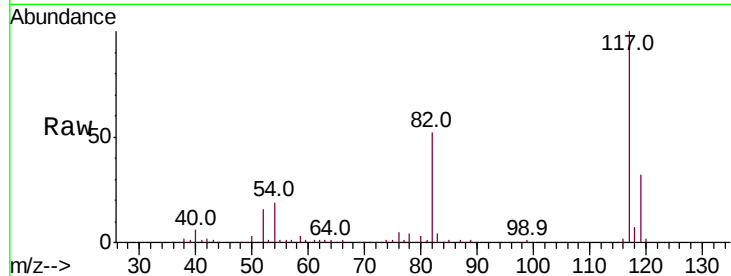
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E-6R(17-20)

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.8	62.8
119	31.6	25.4	38.0

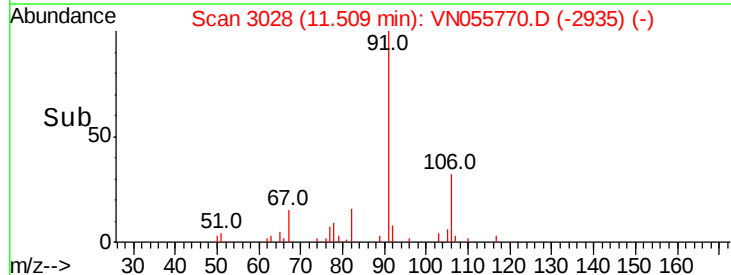
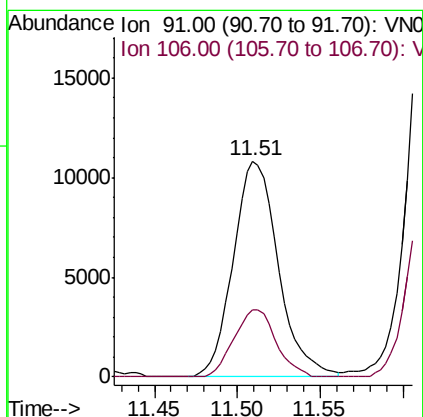
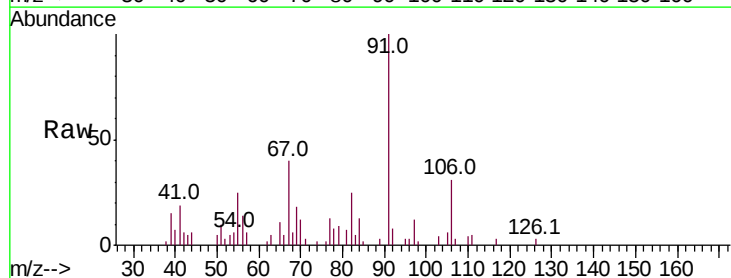
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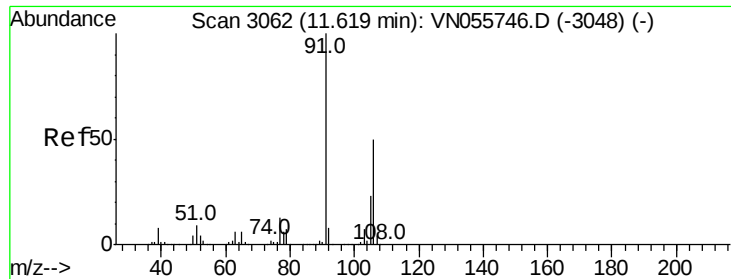
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#67
Ethyl Benzene
Concen: 1.227 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.1	37.7





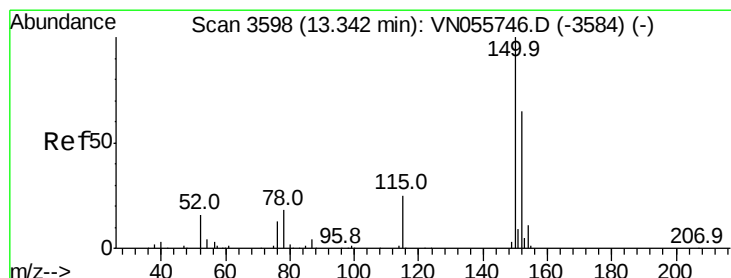
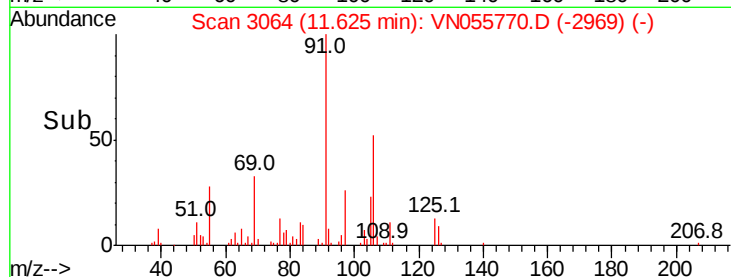
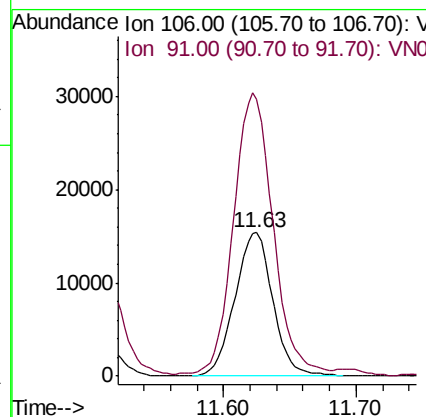
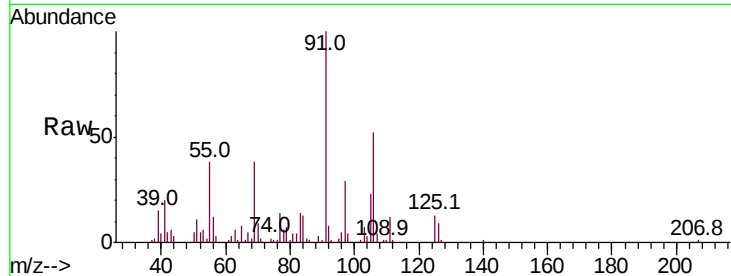
#68
m/p-Xvlenes
Concen: 4.827 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E-6R(17-20)

Tot Ion:106 Resp: 30570
Ion Ratio Lower Upper
106 100
91 207.4 159.3 238.9

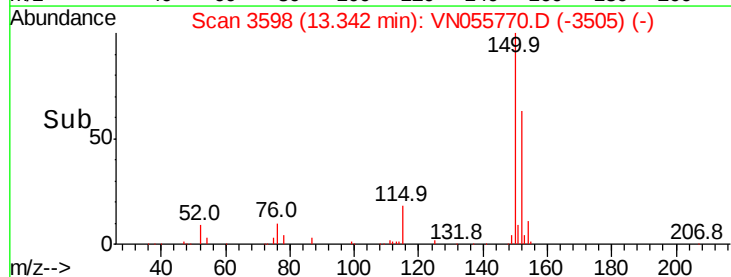
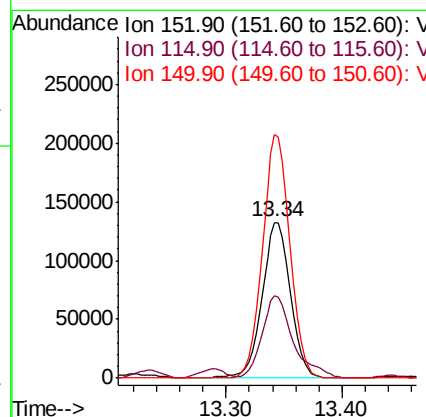
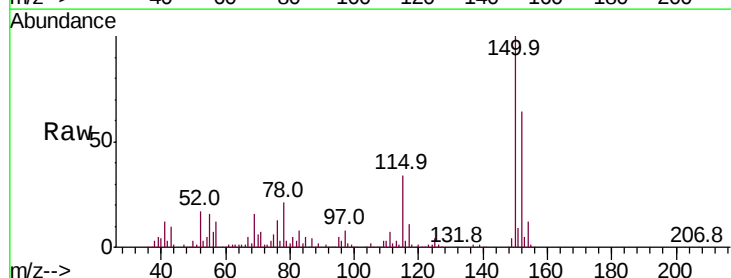
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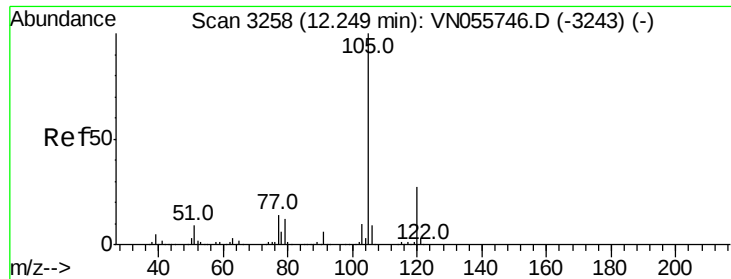
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055770.D
Acq: 23 May 2019 22:12

Tgt Ion:152 Resp: 226031
Ion Ratio Lower Upper
152 100
115 57.7 27.0 81.0
150 150.2 0.0 343.2





#73

Isopropylbenzene

Concen: 3.840 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E-6R(17-20)

Tot Ion:105 Resp: 101323

Ion Ratio Lower Upper

105 100

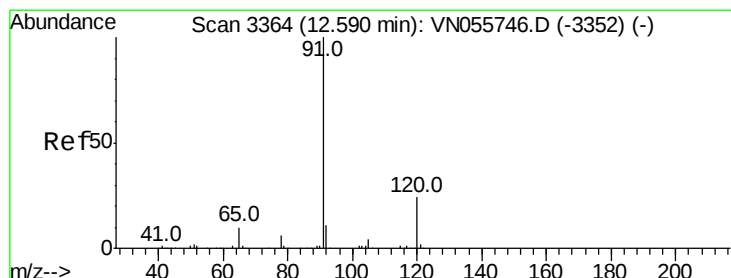
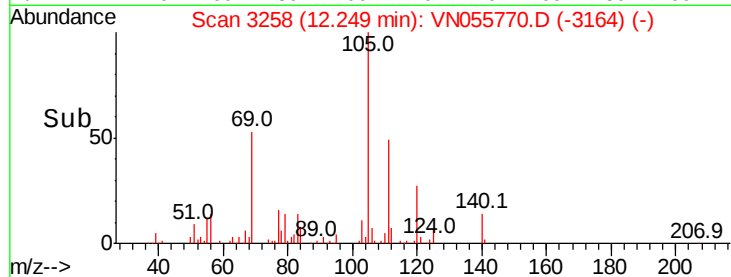
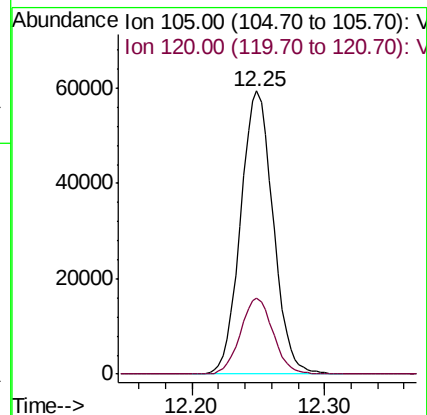
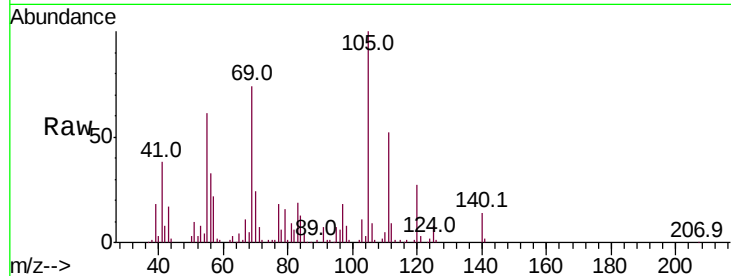
120 26.9 13.6 40.7

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#78

n-propylbenzene

Concen: 13.170 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055770.D

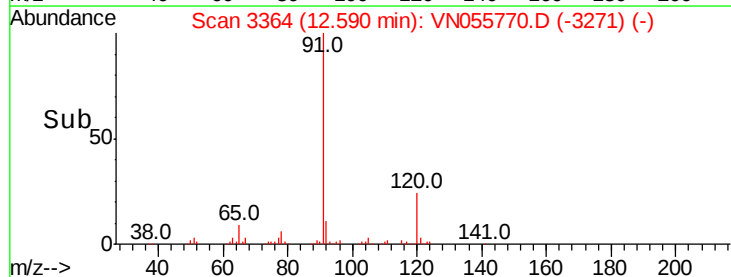
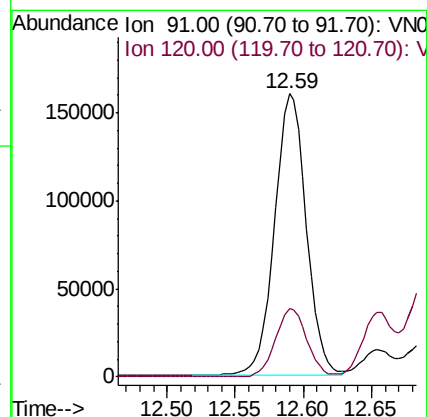
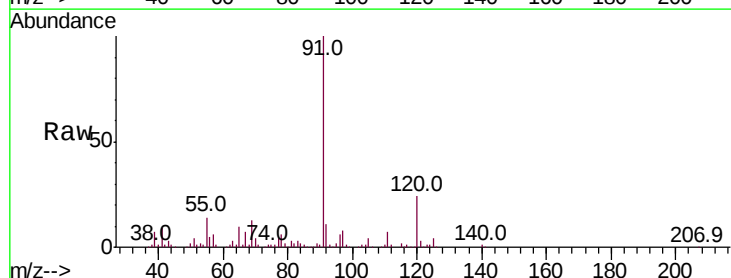
Acq: 23 May 2019 22:12

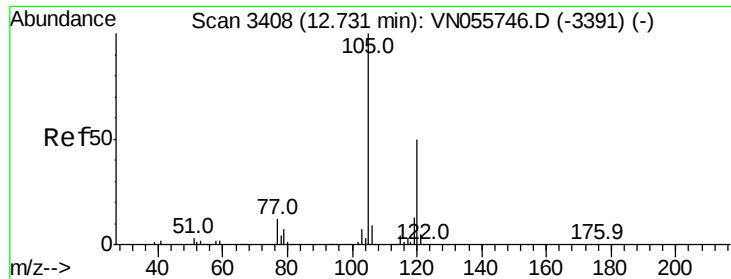
Tgt Ion: 91 Resp: 258722

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.0





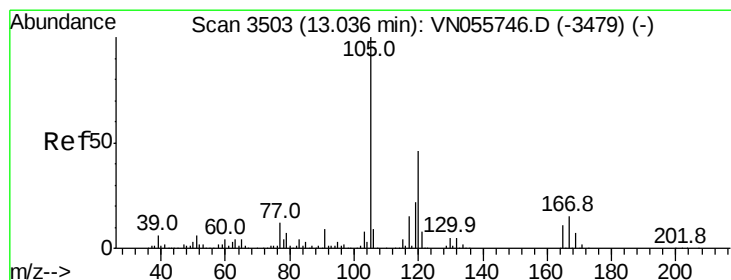
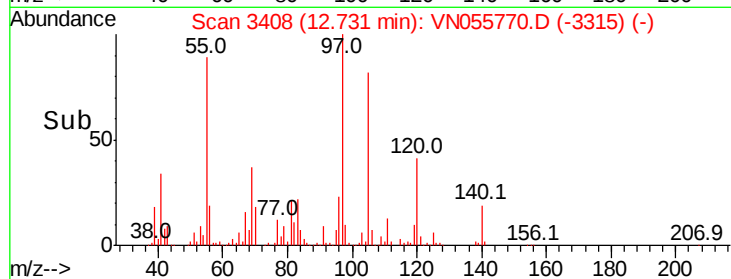
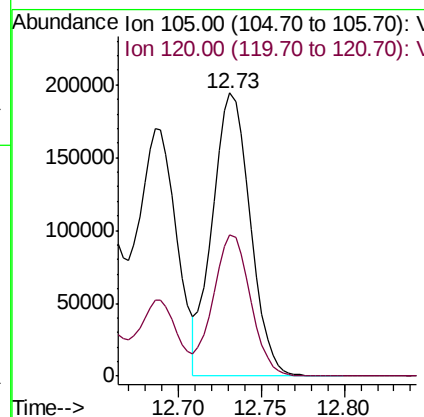
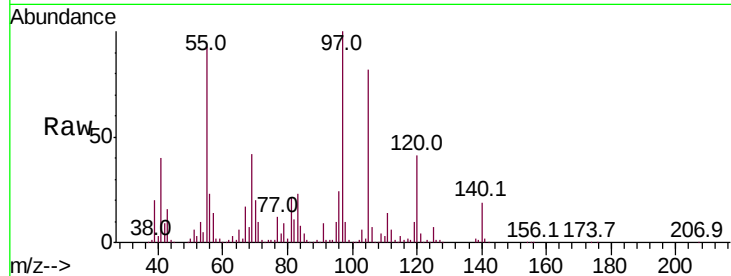
#80
 1,3,5-Trimethylbenzene
 Concen: 21.290 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055770.D
 Acq: 23 May 2019 22:12

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E-6R(17-20)

Tot Ion:105 Resp: 308026
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.7 74.1

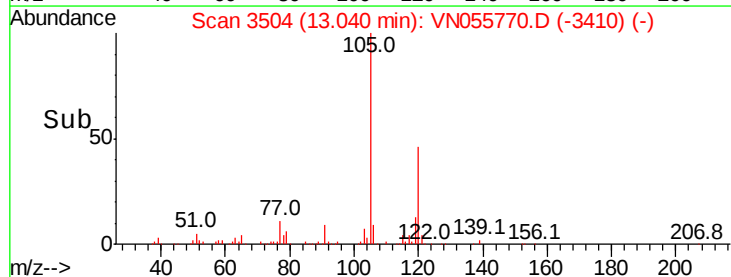
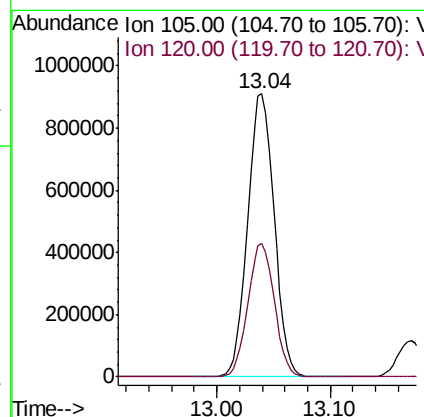
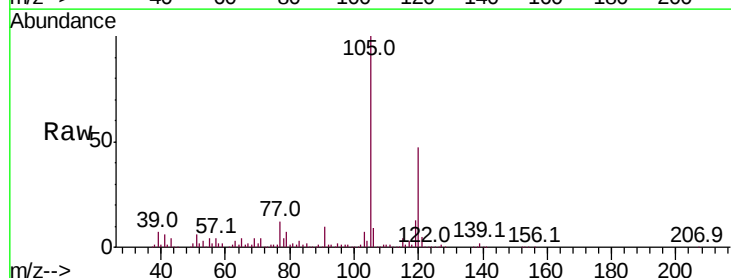
Manual Integrations
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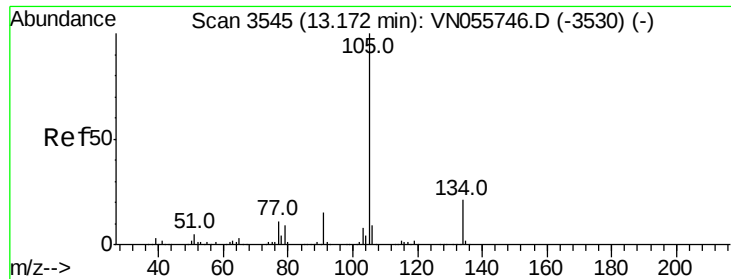
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#84
 1,2,4-Trimethylbenzene
 Concen: 113.249 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055770.D
 Acq: 23 May 2019 22:12

Tgt Ion:105 Resp: 1490161
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.0 69.0





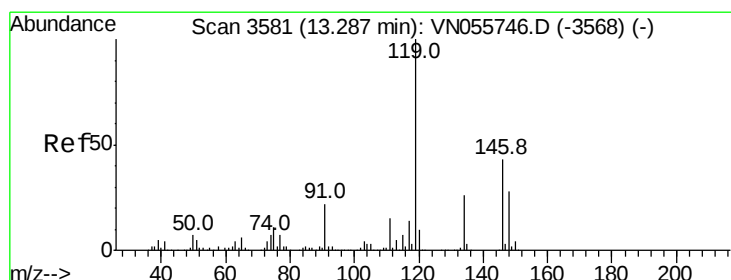
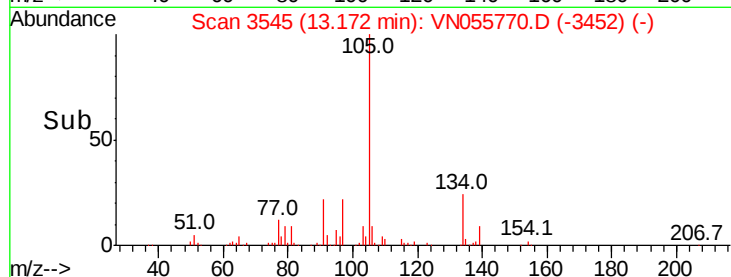
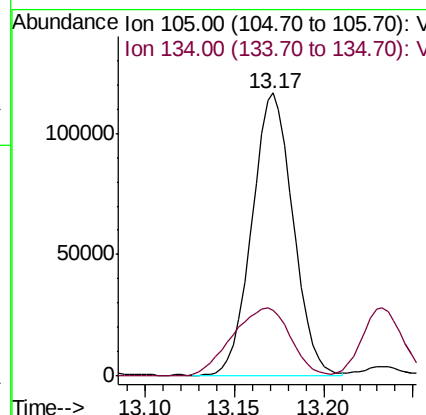
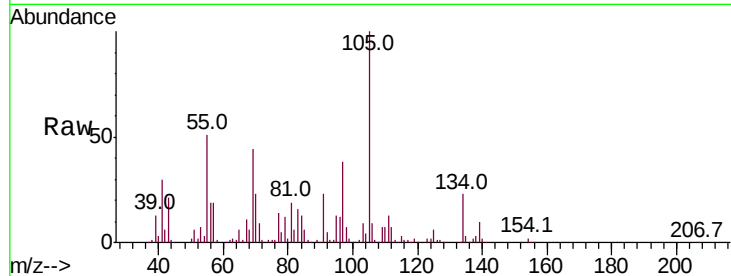
#85
 sec-Butylbenzene
 Concen: 10.388 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055770.D
 Acq: 23 May 2019 22:12

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E-6R(17-20)

Tot Ion	Ratio	Lower	Upper
105	100		
134	34.3	10.4	31.2#

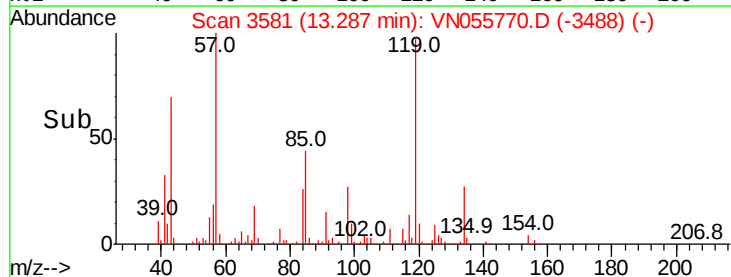
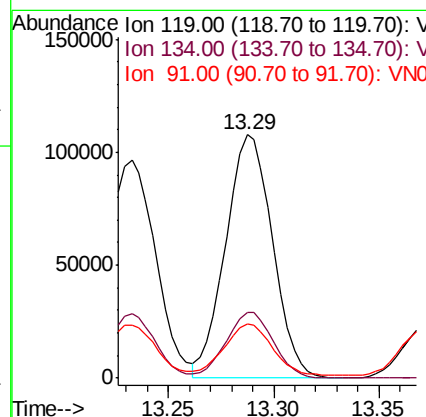
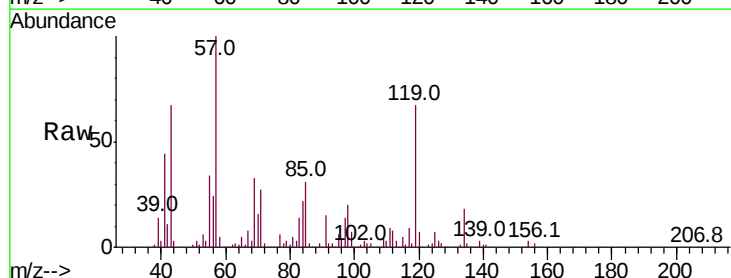
Manual Integrations
 APPROVED

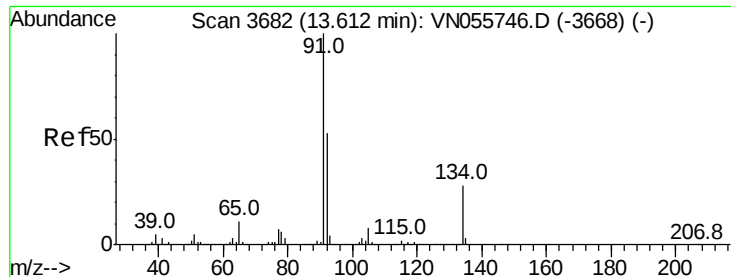
MMDadoda
 5/24/2019 9:23:58 AM



#86
 p-Isopropyltoluene
 Concen: 10.550 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055770.D
 Acq: 23 May 2019 22:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.4	40.1
91	21.7	10.9	32.9





#89

n-Butylbenzene

Concen: 14.172 ug/l m

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Instrument :

MSVOA_N

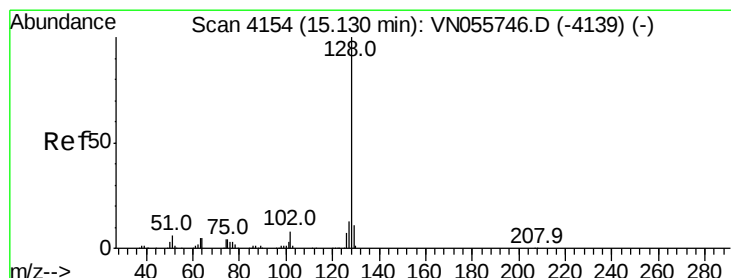
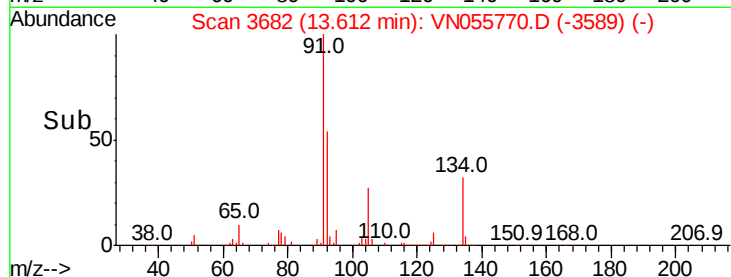
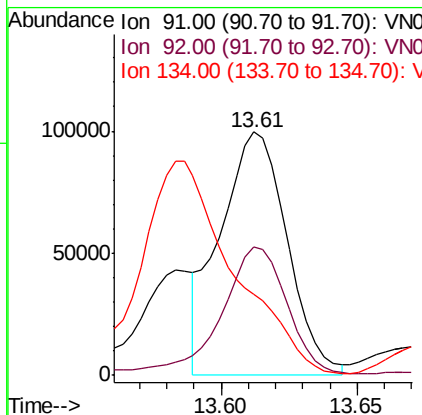
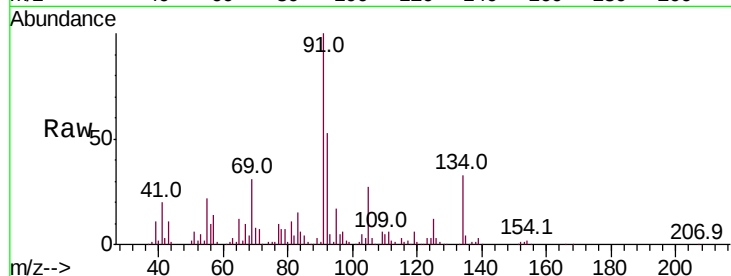
ClientSampleId :

EP1-SB-E-6R(17-20)

Tot Ion:	91	Resp:	170448
Ion Ratio	Lower	Upper	
91	100		
92	50.6	26.4	79.0
134	0.0	13.9	41.7#

Manual Integrations
APPROVED

MMDadoda
5/24/2019 9:23:58 AM



#95

Naphthalene

Concen: 2.823 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055770.D

Acq: 23 May 2019 22:12

Tgt Ion:	128	Resp:	29518
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.3	15.5
129	9.7	8.7	13.1

