

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061616.D
 Acq On : 2 Jun 2020 13:24
 Operator : JC/MD
 Sample : L2800-02DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022MW357-200527DL

Manual Integrations
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 6/3/2020 11:32:24 AM

Quant Time: Jun 03 07:25:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	332315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	562700	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	548817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	253823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186962	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
35) Dibromofluoromethane	7.54	113	156250	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
50) Toluene-d8	10.06	98	672931	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.37	95	259679	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.16	62	925721	166.667	ug/l	99
12) 1,1-Dichloroethene	3.69	96	4173	1.229	ug/l	84
21) trans-1,2-Dichloroethene	4.98	96	22906	5.982	ug/l	93
24) 1,1-Dichloroethane	5.80	63	33622	5.419	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	695621	160.418	ug/l	90
40) Benzene	8.00	78	39721	2.584	ug/l	99
42) 1,2-Dichloroethane	8.09	62	33266	6.465	ug/l	98
44) Trichloroethene	8.80	130	14269	3.021	ug/l	88
65) Chlorobenzene	11.41	112	540077	47.342	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	3593	0.429	ug/l	82
88) 1,4-Dichlorobenzene	13.34	146	10823m	1.269	ug/l	
89) n-Butylbenzene	13.59	91	4288	0.315	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	9306	1.163	ug/l	93
95) Naphthalene	15.10	128	10128	0.711	ug/l #	90

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

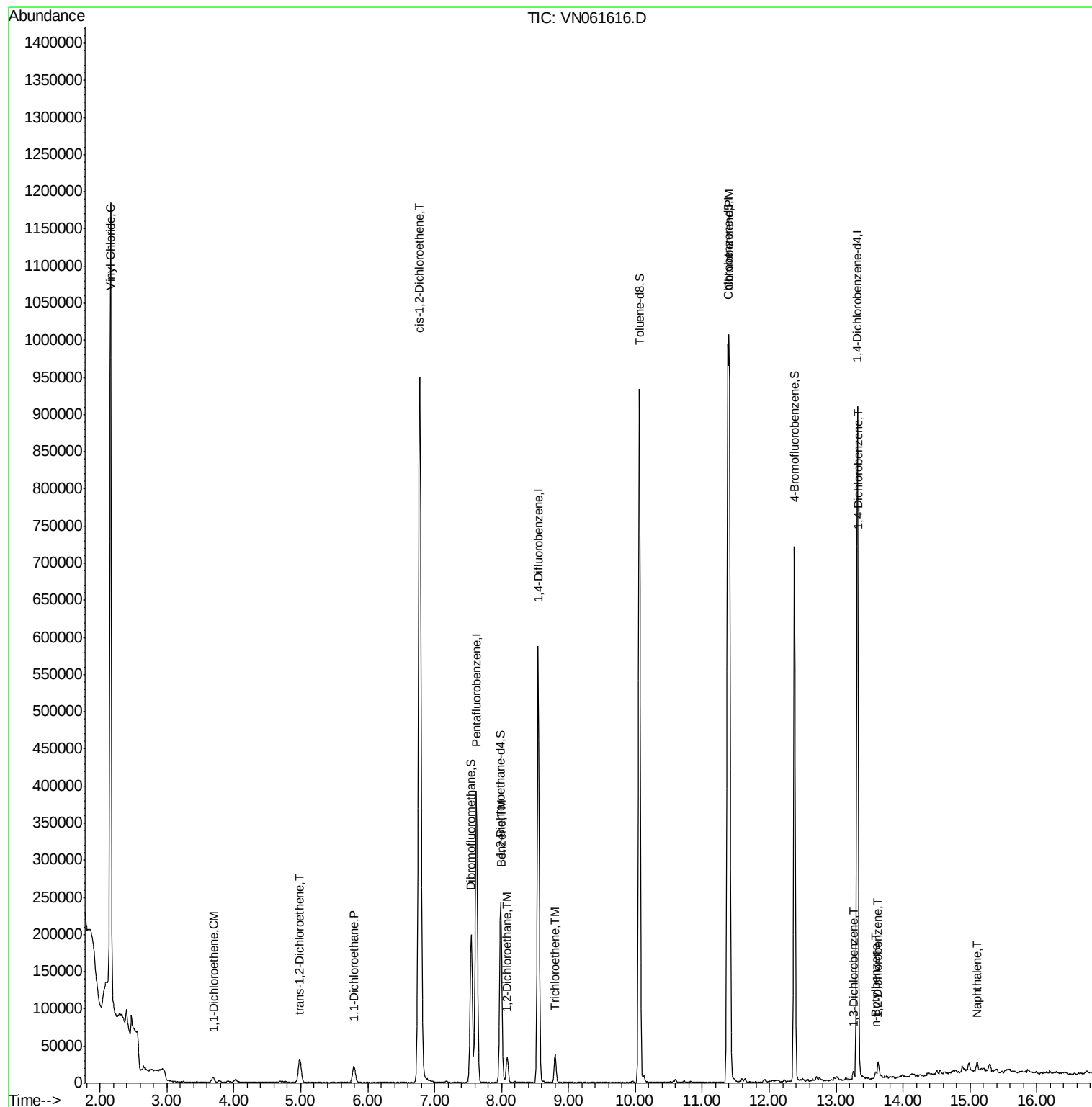
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
Data File : VN061616.D
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Operator : JC/MD
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ALS Vial : 10 Sample Multiplier: 1

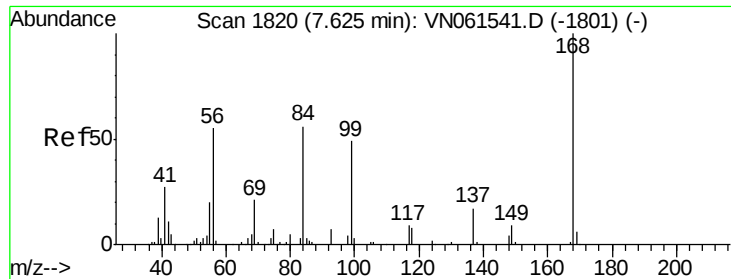
Instrument :
MSVOA_N
ClientSampleId :
WP022MW357-200527DL

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Quant Time: Jun 03 07:25:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061616.D

Acq: 2 Jun 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

WP022MW357-200527DL

Tot Ion:168 Resp: 332315

Ion Ratio Lower Upper

168 100

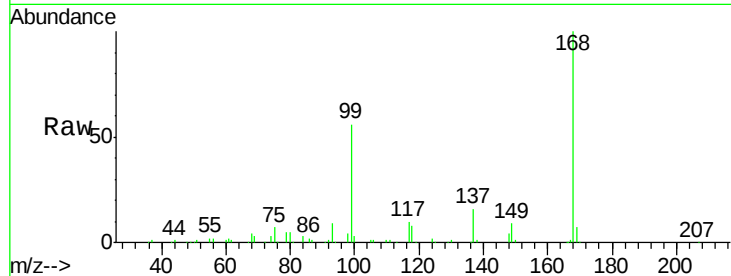
99 56.2 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

150000

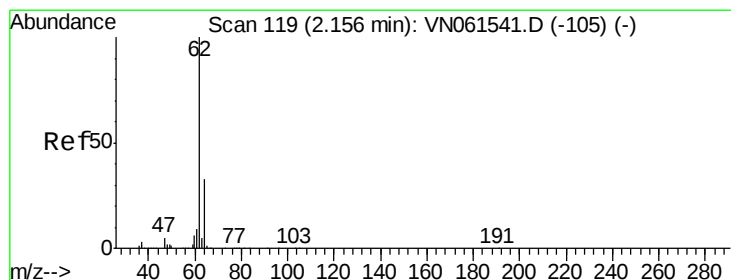
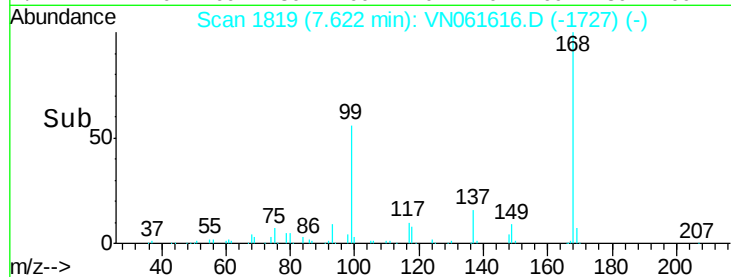
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50000

0

7.50 7.60 7.70 7.80

Time-->



#4

Vinyl Chloride

Concen: 166.667 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061616.D

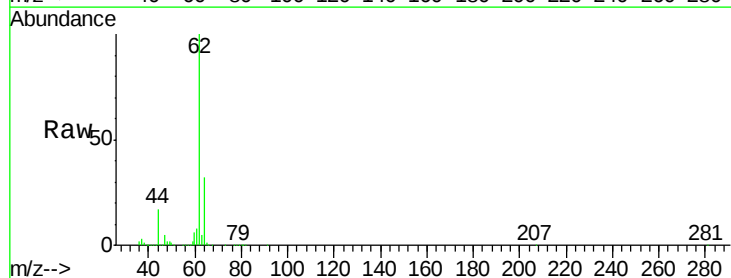
Acq: 2 Jun 2020 13:24

Tgt Ion: 62 Resp: 925721

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

600000

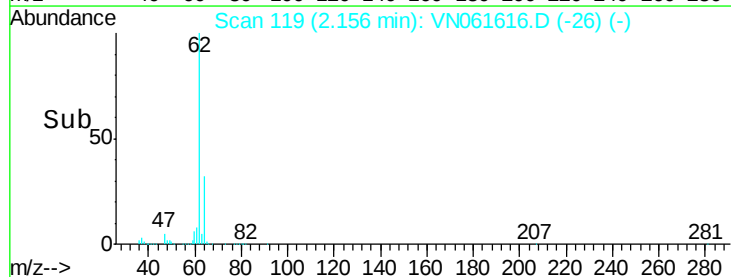
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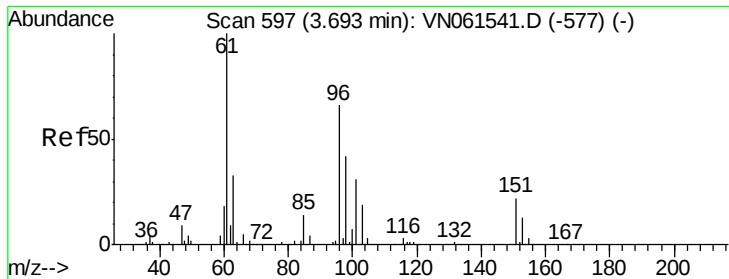
200000

0

2.10 2.20 2.30

Time-->





#12

1,1-Dichloroethene

Concen: 1.229 ug/l

RT: 3.69 min Scan# 595

Delta R.T. -0.01 min

Lab File: VN061616.D

Acq: 2 Jun 2020 13:24

Instrument :

MSVOA_N

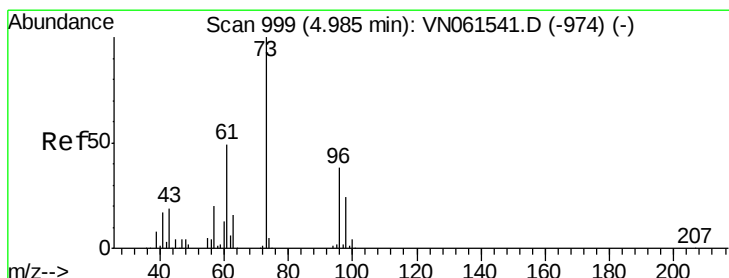
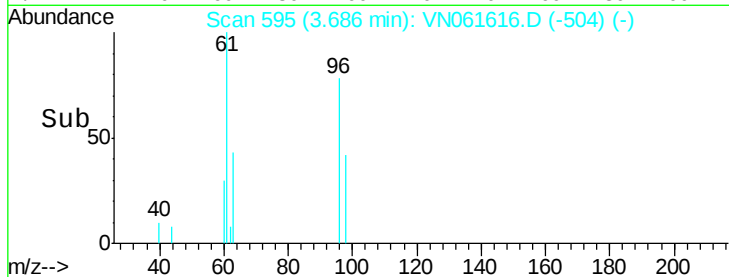
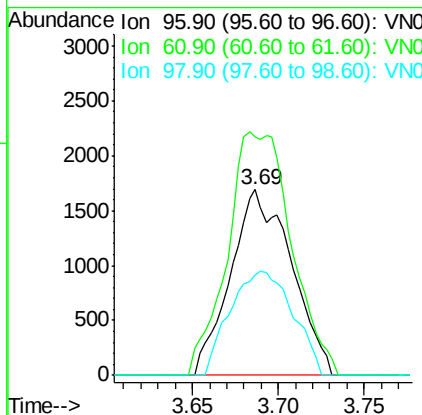
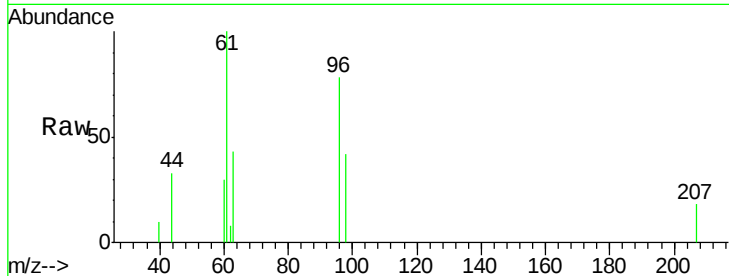
ClientSampleId :

WP022MW357-200527DL

Tot Ion:	96	Resp:	4173
Ion	Ratio	Lower	Upper
96	100		
61	128.3	120.5	180.7
98	53.8	50.8	76.2

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#21

trans-1,2-Dichloroethene

Concen: 5.982 ug/l

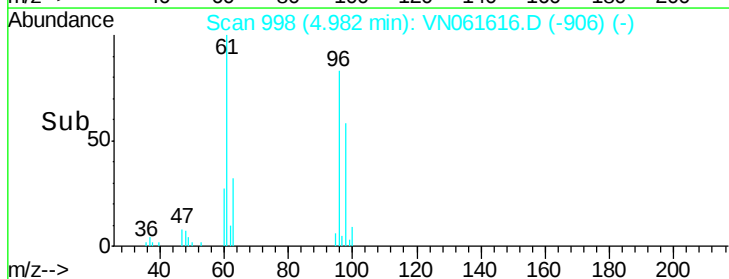
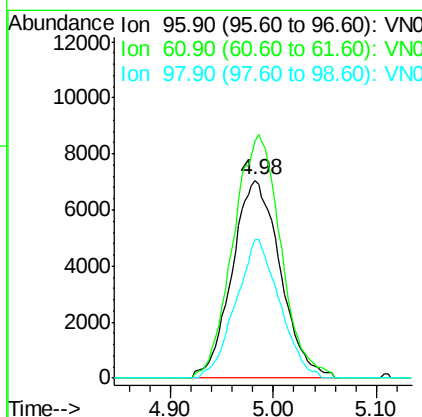
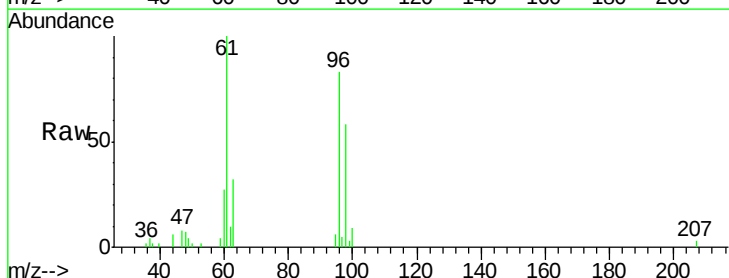
RT: 4.98 min Scan# 998

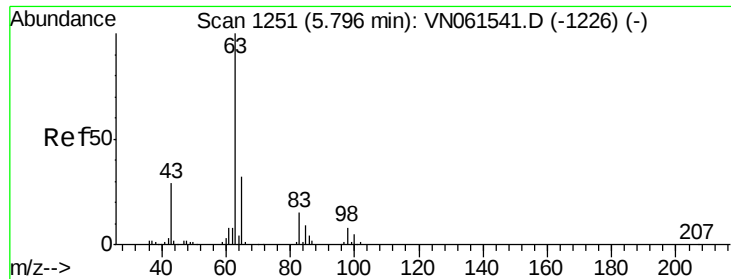
Delta R.T. -0.00 min

Lab File: VN061616.D

Acq: 2 Jun 2020 13:24

Tgt Ion:	96	Resp:	22906
Ion	Ratio	Lower	Upper
96	100		
61	119.8	101.4	152.0
98	70.0	50.6	76.0





#24

1,1-Dichloroethane

Concen: 5.419 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN061616.D

Acq: 2 Jun 2020 13:24

Instrument :

MSVOA_N

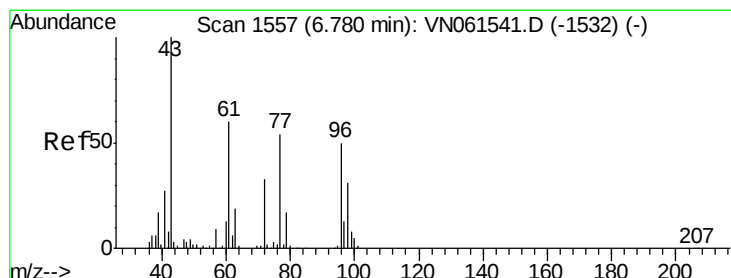
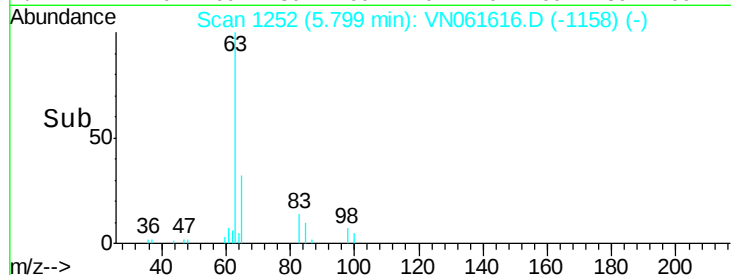
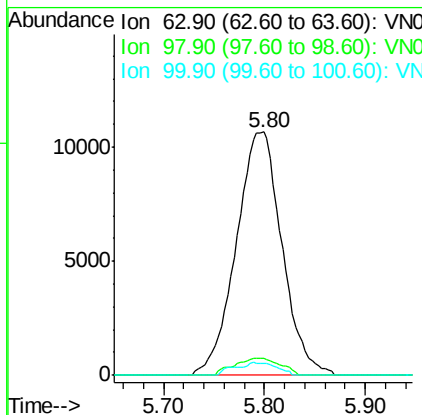
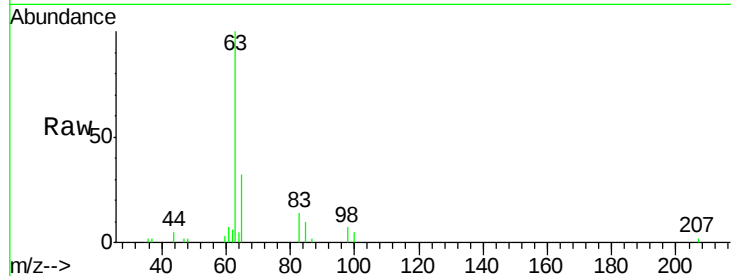
ClientSampleId :

WP022MW357-200527DL

Tot Ion	Ratio	Resp	Lower	Upper
63	100	33622		
98	6.9		3.8	11.4
100	4.8		2.5	7.6

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#27

cis-1,2-Dichloroethene

Concen: 160.418 ug/l

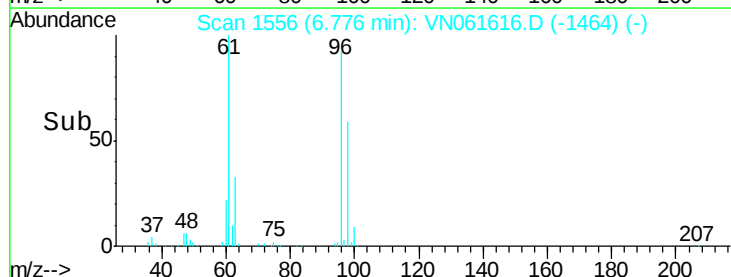
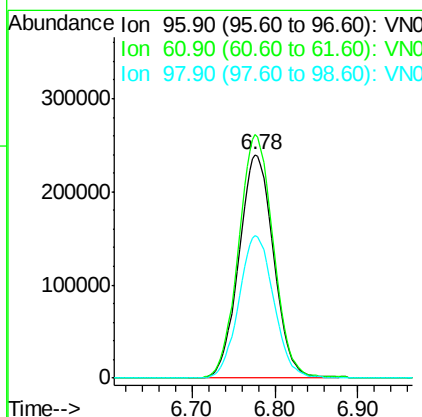
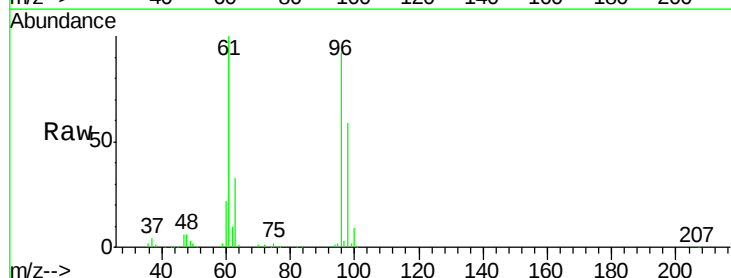
RT: 6.78 min Scan# 1556

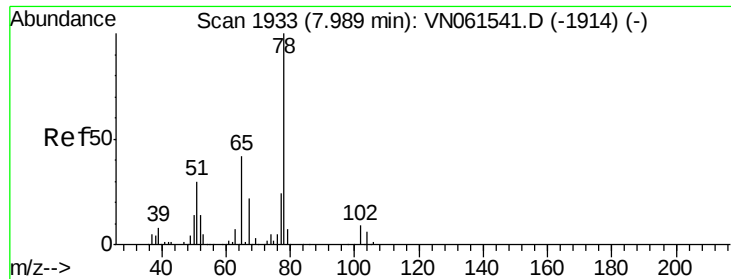
Delta R.T. -0.00 min

Lab File: VN061616.D

Acq: 2 Jun 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	695621		
61	109.6		0.0	252.2
98	64.4		0.0	129.2





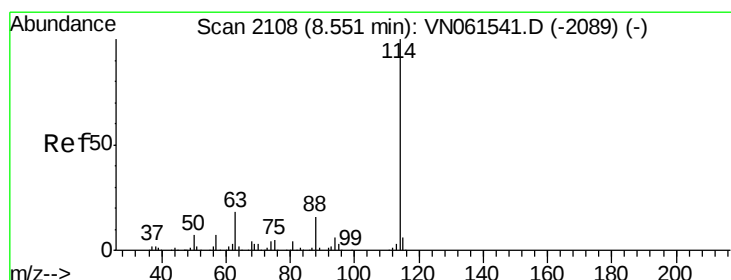
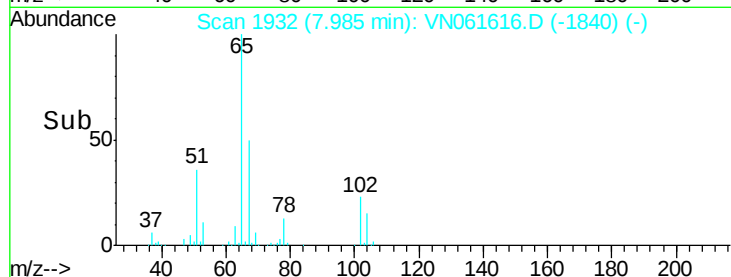
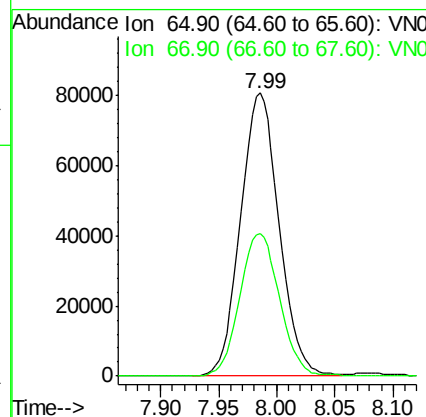
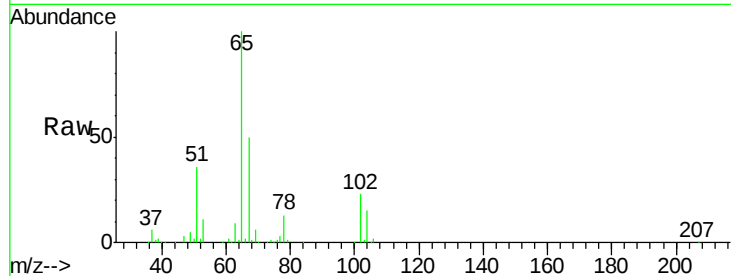
#33
 1,2-Dichloroethane-d4
 Concen: 47.221 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061616.D
 Acq: 2 Jun 2020 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022MW357-200527DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	186962		
67	51.9	0.0	104.8	

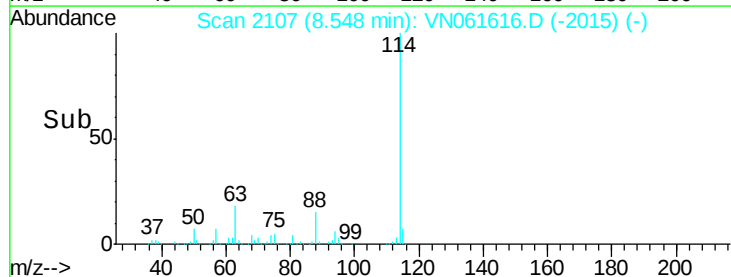
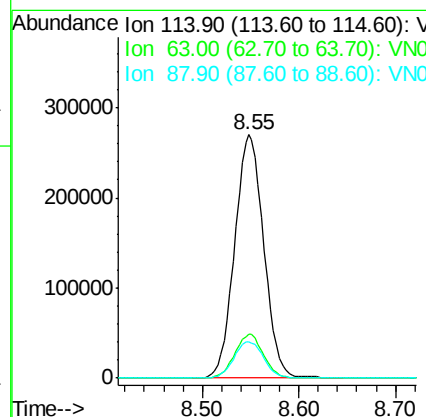
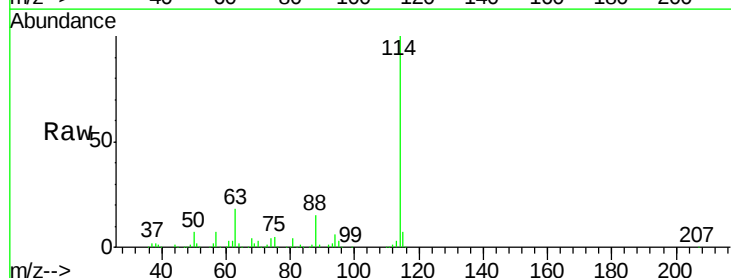
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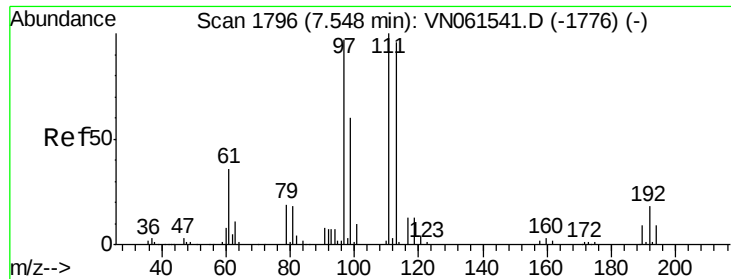
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061616.D
 Acq: 2 Jun 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	562700		
63	18.0	0.0	35.8	
88	14.7	0.0	31.0	





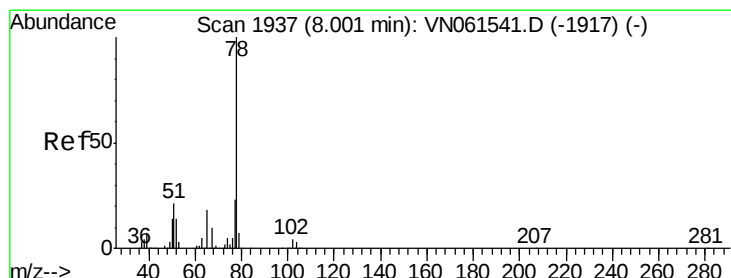
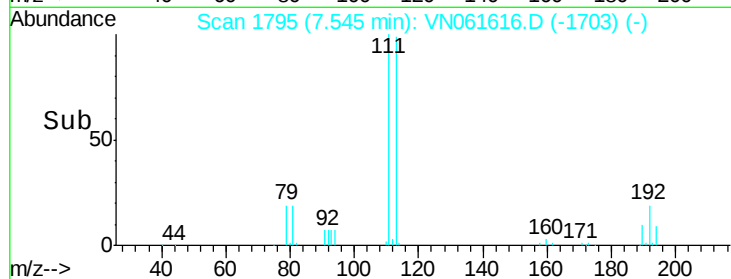
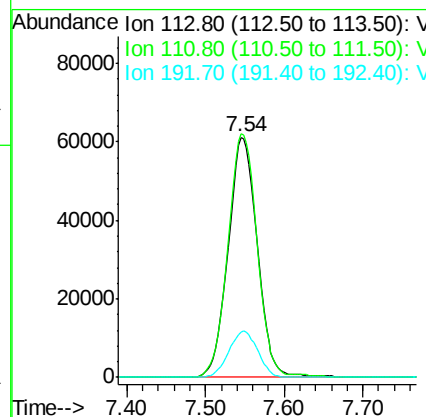
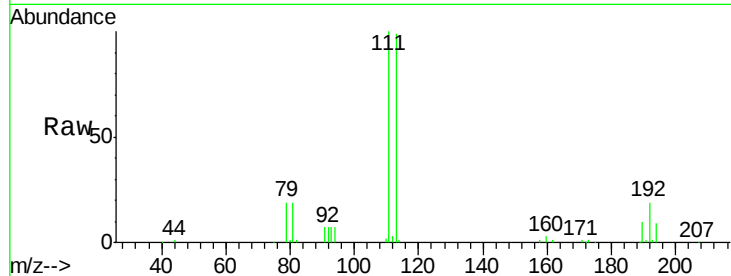
#35
 Dibromofluoromethane
 Concen: 54.739 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061616.D
 Acq: 2 Jun 2020 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
113	100	156250		
111	102.1	83.4	125.0	
192	19.1	15.4	23.2	

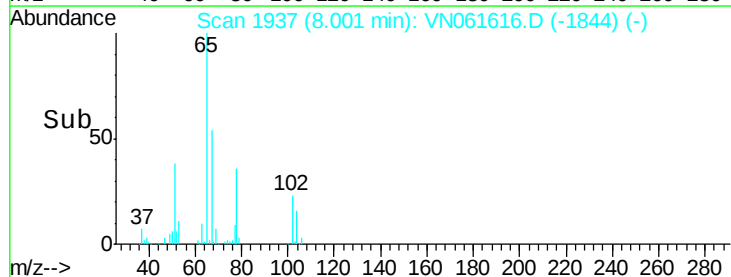
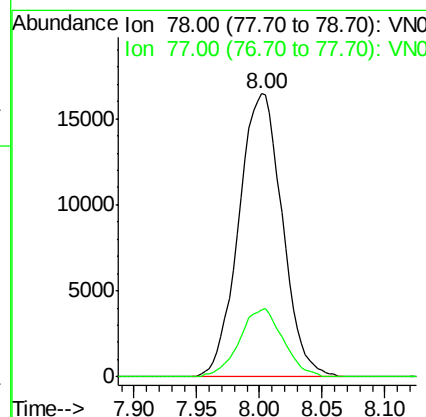
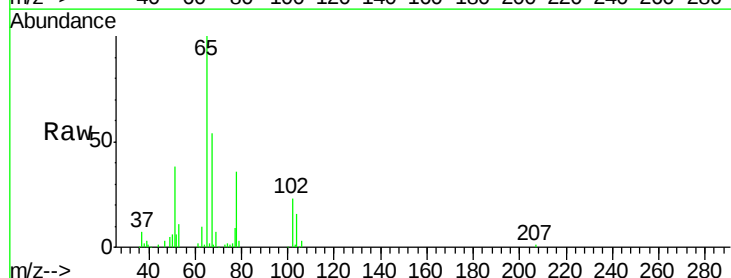
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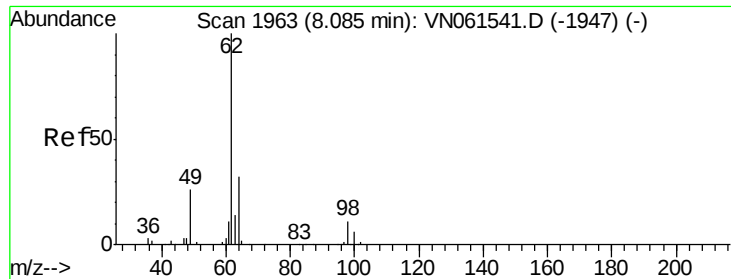
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#40
 Benzene
 Concen: 2.584 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061616.D
 Acq: 2 Jun 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	39721		
77	23.8	18.6	28.0	





#42

1,2-Dichloroethane

Concen: 6.465 ug/l

RT: 8.09 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VN061616.D

Acq: 2 Jun 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

WP022MW357-200527DL

Tot Ion: 62 Resp: 33266

Ion Ratio Lower Upper

62 100

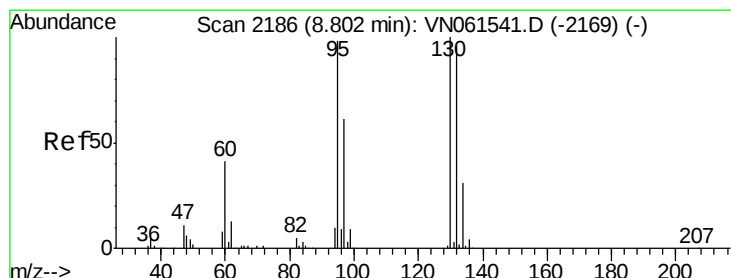
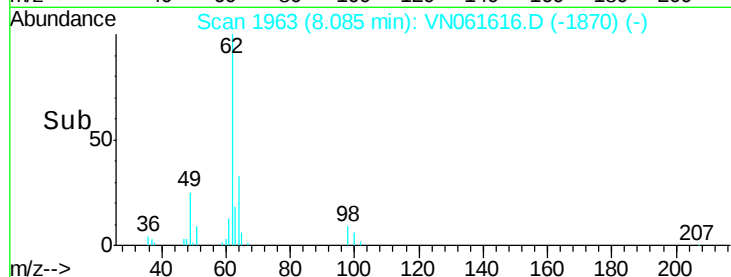
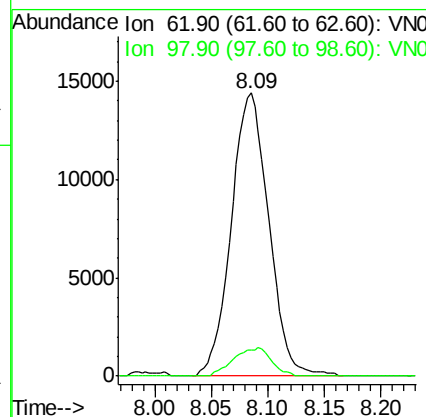
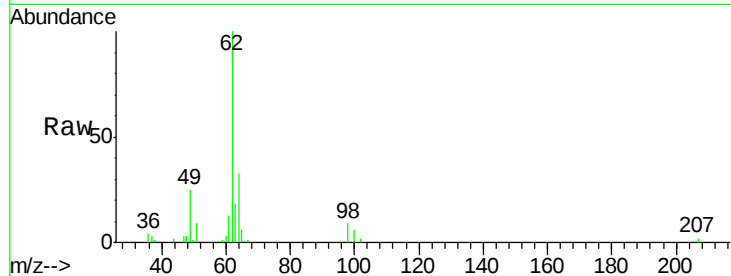
98 10.1 0.0 21.4

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#44

Trichloroethene

Concen: 3.021 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061616.D

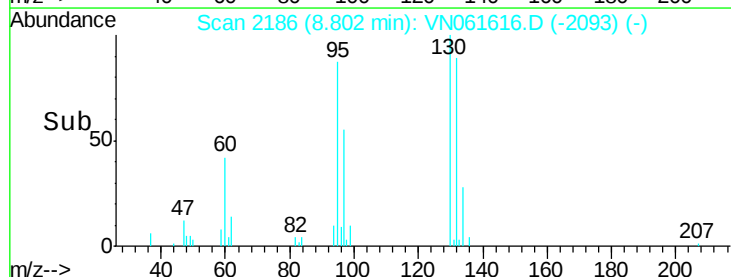
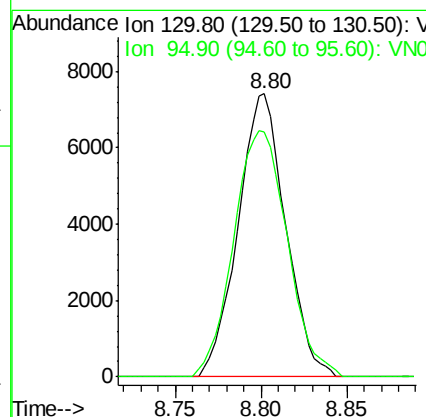
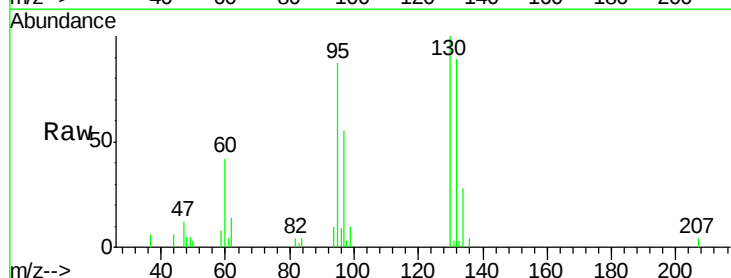
Acq: 2 Jun 2020 13:24

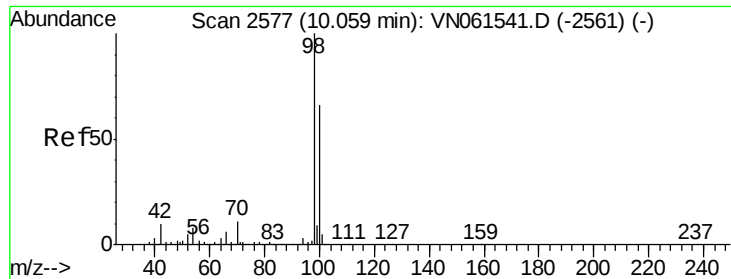
Tgt Ion:130 Resp: 14269

Ion Ratio Lower Upper

130 100

95 86.7 0.0 196.6





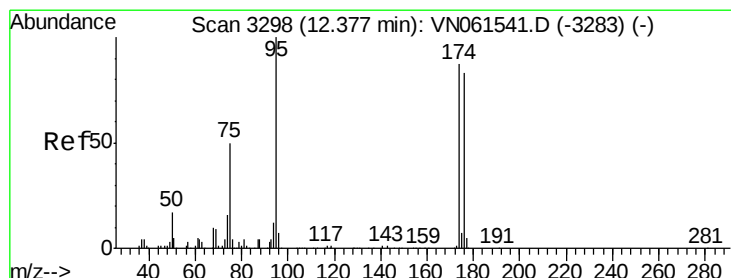
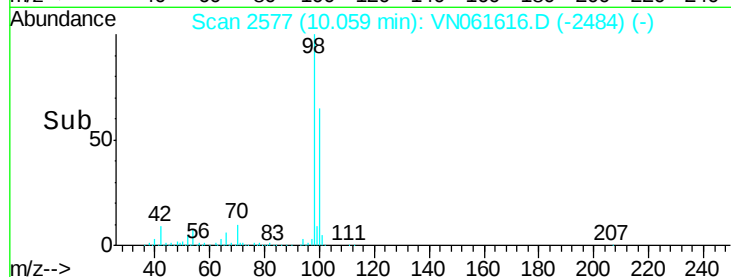
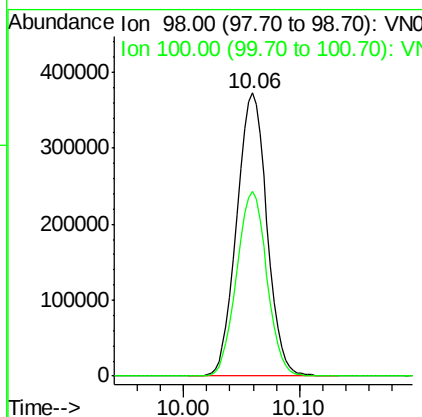
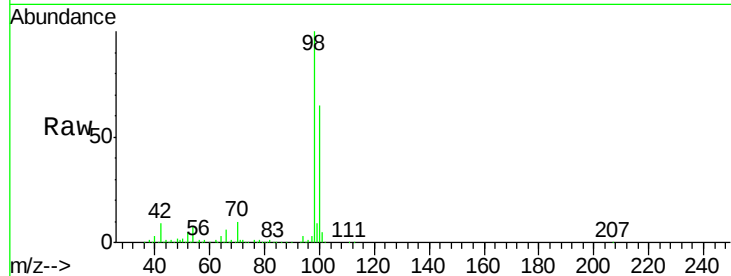
#50
Toluene-d8
Concen: 50.872 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061616.D
Acq: 2 Jun 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
WP022MW357-200527DL

Tot Ion: 98 Resp: 672931
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2

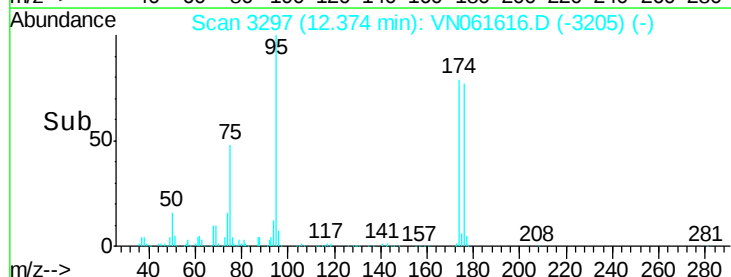
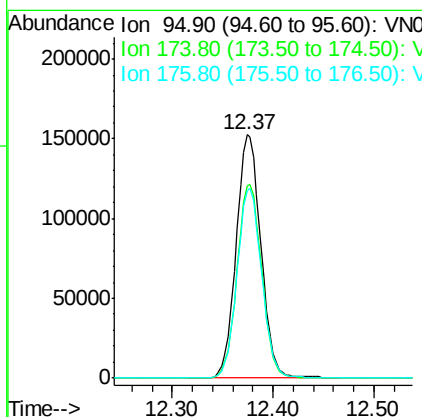
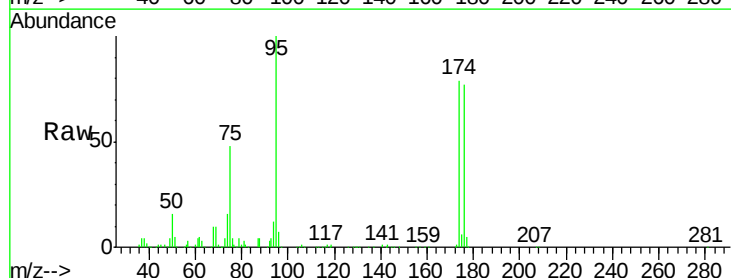
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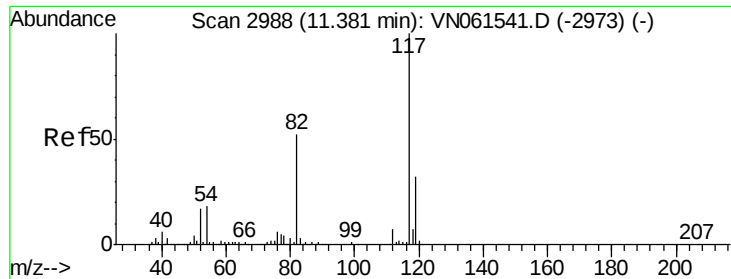
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#62
4-Bromofluorobenzene
Concen: 53.808 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. -0.00 min
Lab File: VN061616.D
Acq: 2 Jun 2020 13:24

Tgt Ion: 95 Resp: 259679
Ion Ratio Lower Upper
95 100
174 79.3 0.0 172.8
176 77.4 0.0 164.8





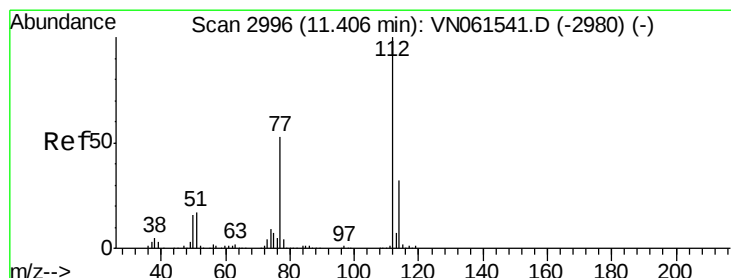
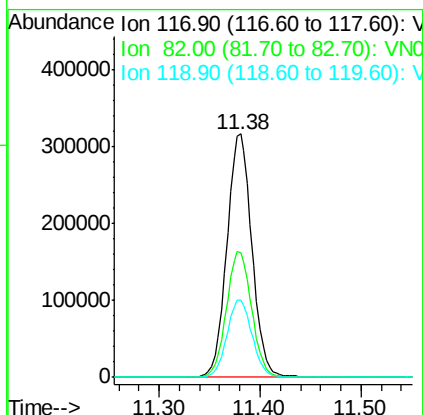
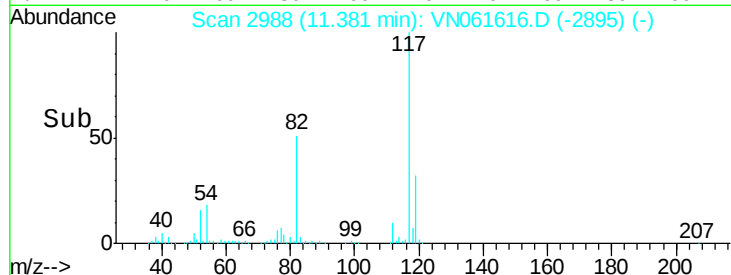
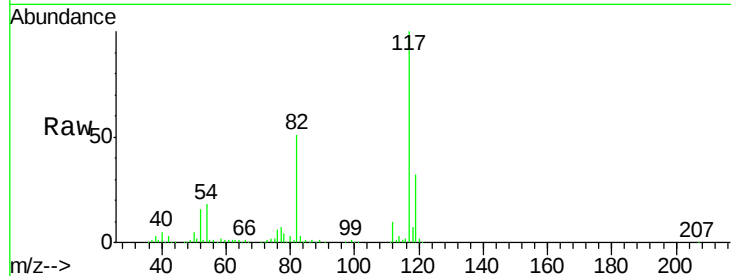
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061616.D
Acq: 2 Jun 2020 13:24

Instrument :
MSVOA_N
ClientSampleId :
WP022MW357-200527DL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	548817		
82	51.4		41.5	62.3
119	32.0		25.6	38.4

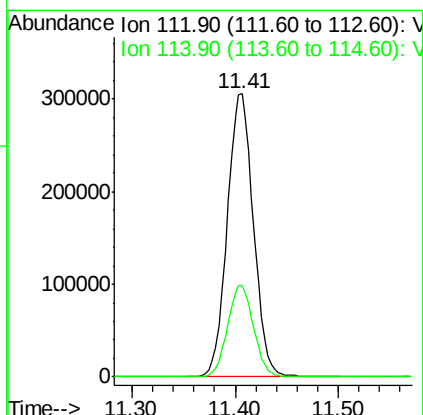
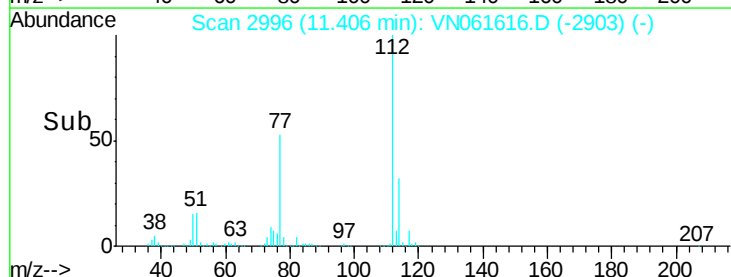
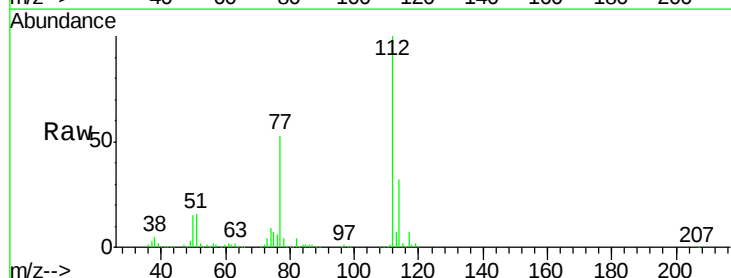
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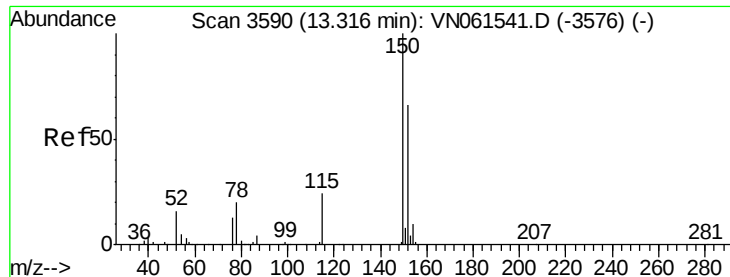
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6/3/2020 11:32:24 AM



#65
Chlorobenzene
Concen: 47.342 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061616.D
Acq: 2 Jun 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	540077		
114	32.2		25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061616.D

Acq: 2 Jun 2020 13:24

Instrument :

MSVOA_N

ClientSampleId :

WP022MW357-200527DL

Tot Ion:152 Resp: 253823

Ion Ratio Lower Upper

152 100

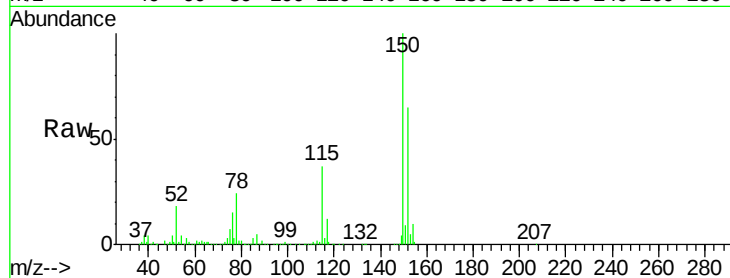
115 57.7 28.0 84.0

150 157.2 0.0 344.0

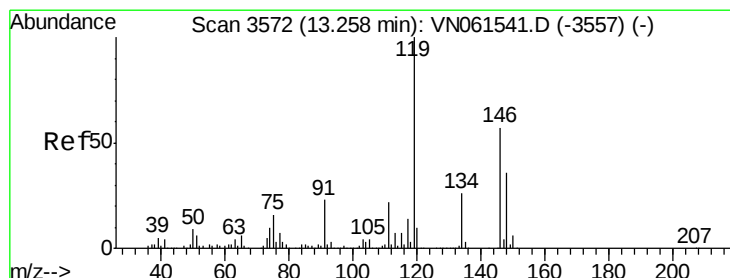
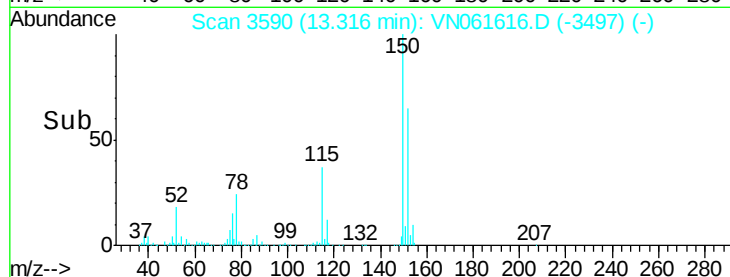
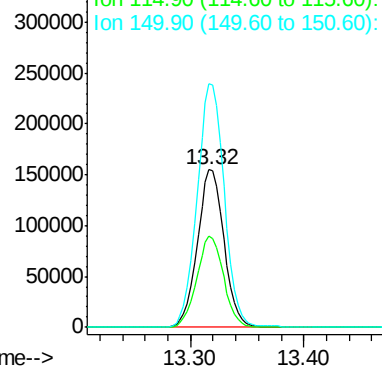
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#87

1,3-Dichlorobenzene

Concen: 0.429 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. 0.00 min

Lab File: VN061616.D

Acq: 2 Jun 2020 13:24

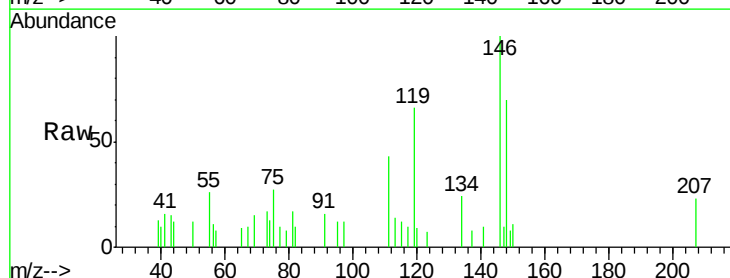
Tgt Ion:146 Resp: 3593

Ion Ratio Lower Upper

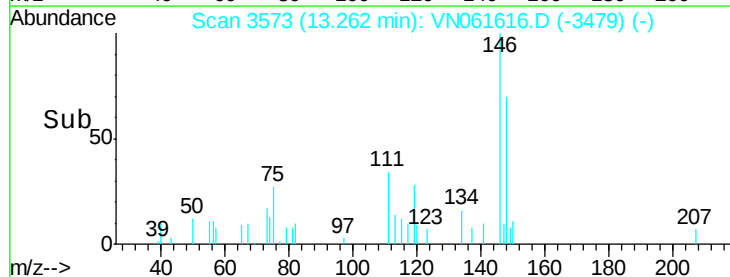
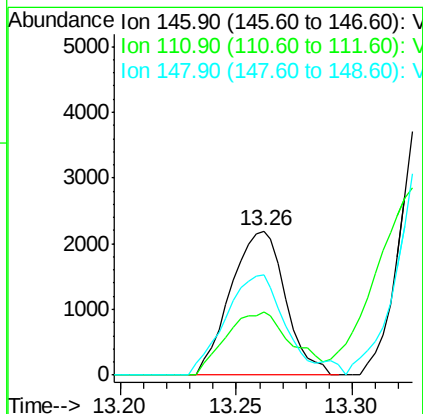
146 100

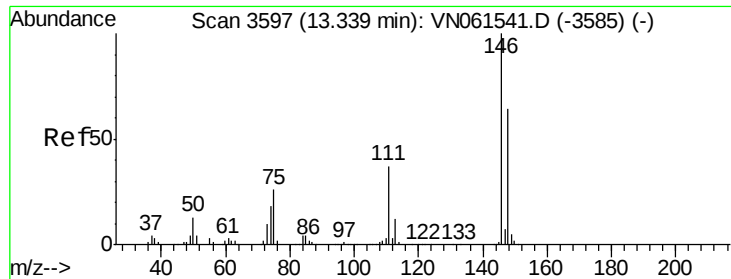
111 52.8 19.2 57.6

148 74.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 1.269 ug/l m

RT: 13.34 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VN061616.D

Acq: 2 Jun 2020 13:24

Instrument :

MSVOA_N

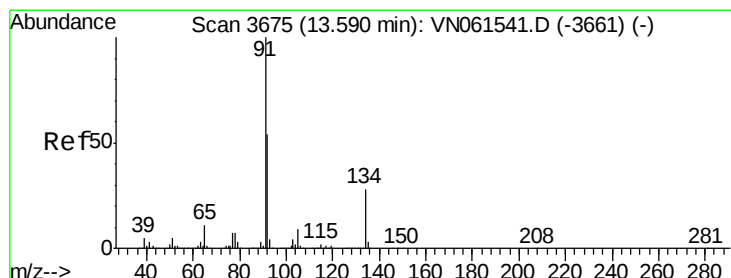
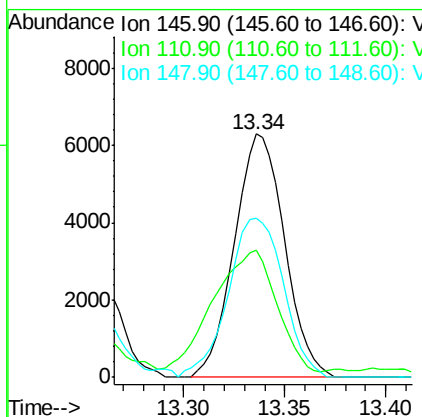
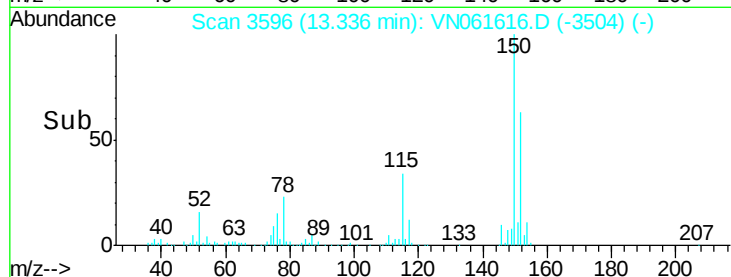
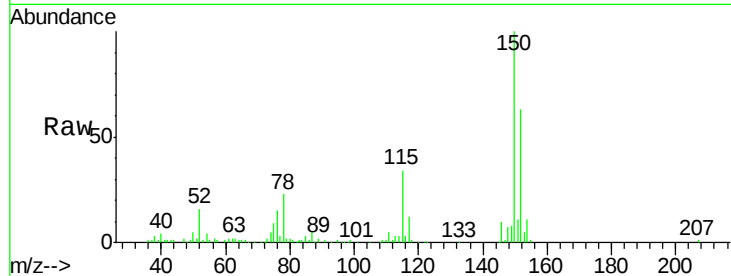
ClientSampleId :

WP022MW357-200527DL

Tot Ion:	146	Resp:	10823
Ion Ratio	Lower	Upper	
146	100		
111	17.5	18.9	56.9#
148	24.7	31.8	95.3#

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#89

n-Butylbenzene

Concen: 0.315 ug/l

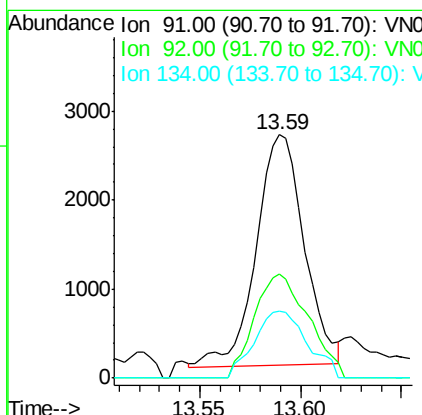
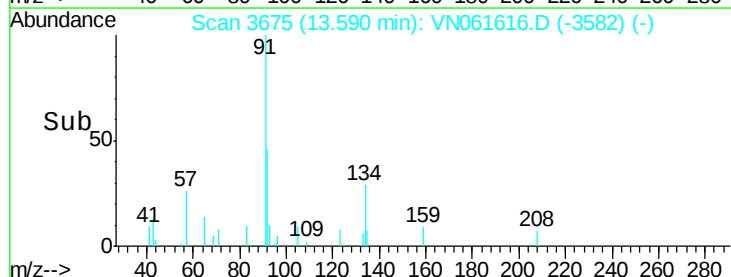
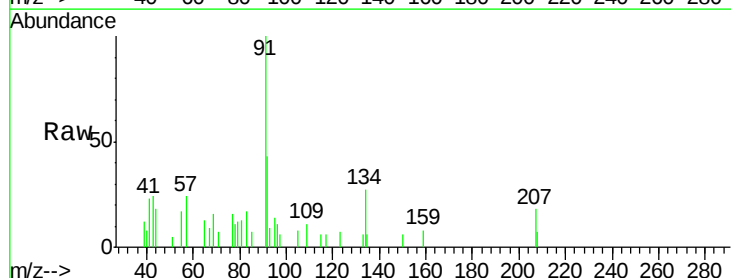
RT: 13.59 min Scan# 3675

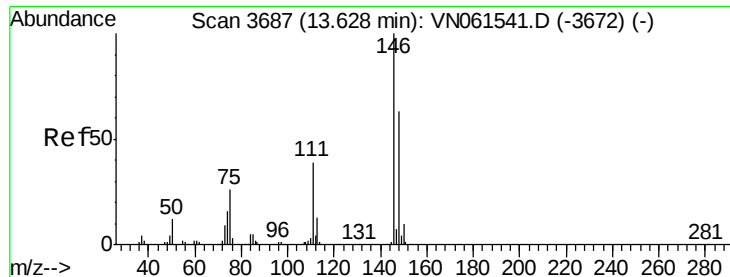
Delta R.T. 0.00 min

Lab File: VN061616.D

Acq: 2 Jun 2020 13:24

Tgt Ion:	91	Resp:	4288
Ion Ratio	Lower	Upper	
91	100		
92	50.7	27.2	81.6
134	32.0	14.0	42.0





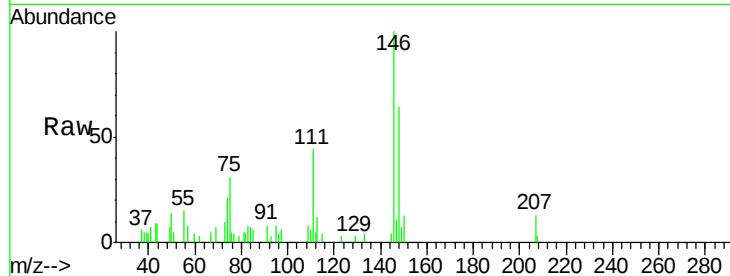
#91
 1,2-Dichlorobenzene
 Concen: 1.163 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061616.D
 Acq: 2 Jun 2020 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022MW357-200527DL

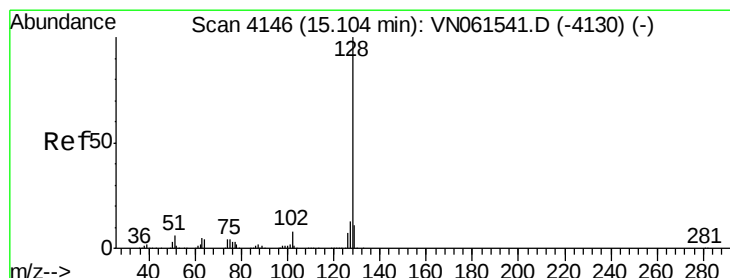
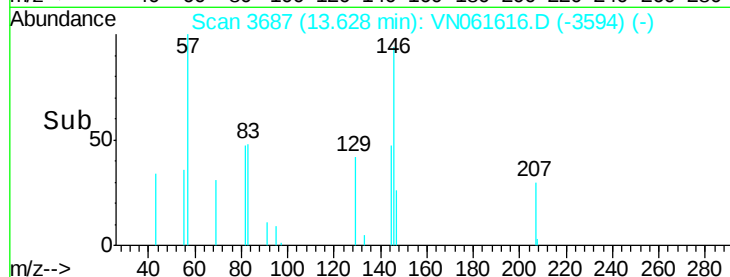
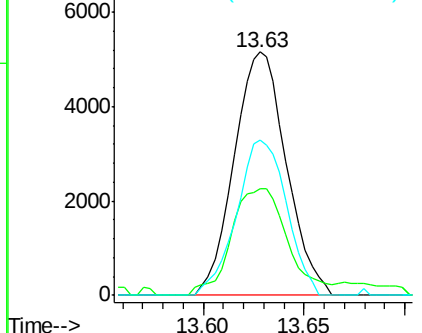
Tot Ion	Ratio	Lower	Upper
146	100		
111	47.7	20.1	60.2
148	61.4	31.9	95.5

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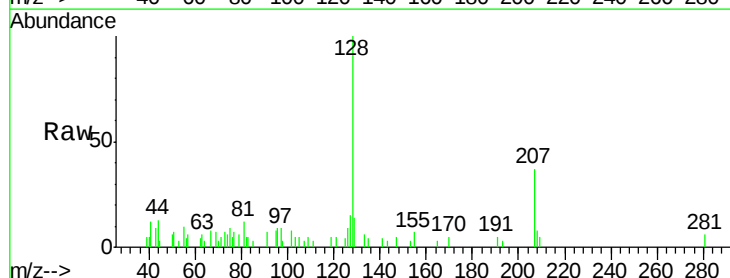


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



#95
 Naphthalene
 Concen: 0.711 ug/l
 RT: 15.10 min Scan# 4146
 Delta R.T. 0.00 min
 Lab File: VN061616.D
 Acq: 2 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.0	15.0
129	16.5	8.5	12.7#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

