

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062003.D
 Acq On : 22 Jun 2020 16:42
 Operator : JC/MD
 Sample : L3033-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Z1-DUP-0571-200615

Manual Integrations
 APPROVED

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 6/23/2020 12:47:46 PM

Quant Time: Jun 23 05:56:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	149470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	275316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	269121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	102420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	102948	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	7.55	113	87702	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.06	98	342887	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.38	95	114267	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
Target Compounds						
3) Chloromethane	2.03	50	907	0.437	ug/l	91
4) Vinyl Chloride	2.16	62	108629	43.920	ug/l	100
16) Acetone	3.78	43	2202	3.719	ug/l	93
27) cis-1,2-Dichloroethene	6.78	96	17123	8.507	ug/l	93
40) Benzene	8.00	78	65096	8.557	ug/l	99
65) Chlorobenzene	11.41	112	1371726	241.557	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1349	0.403	ug/l	94
88) 1,4-Dichlorobenzene	13.34	146	7146m	2.085	ug/l	
91) 1,2-Dichlorobenzene	13.62	146	4699	1.458	ug/l	97

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

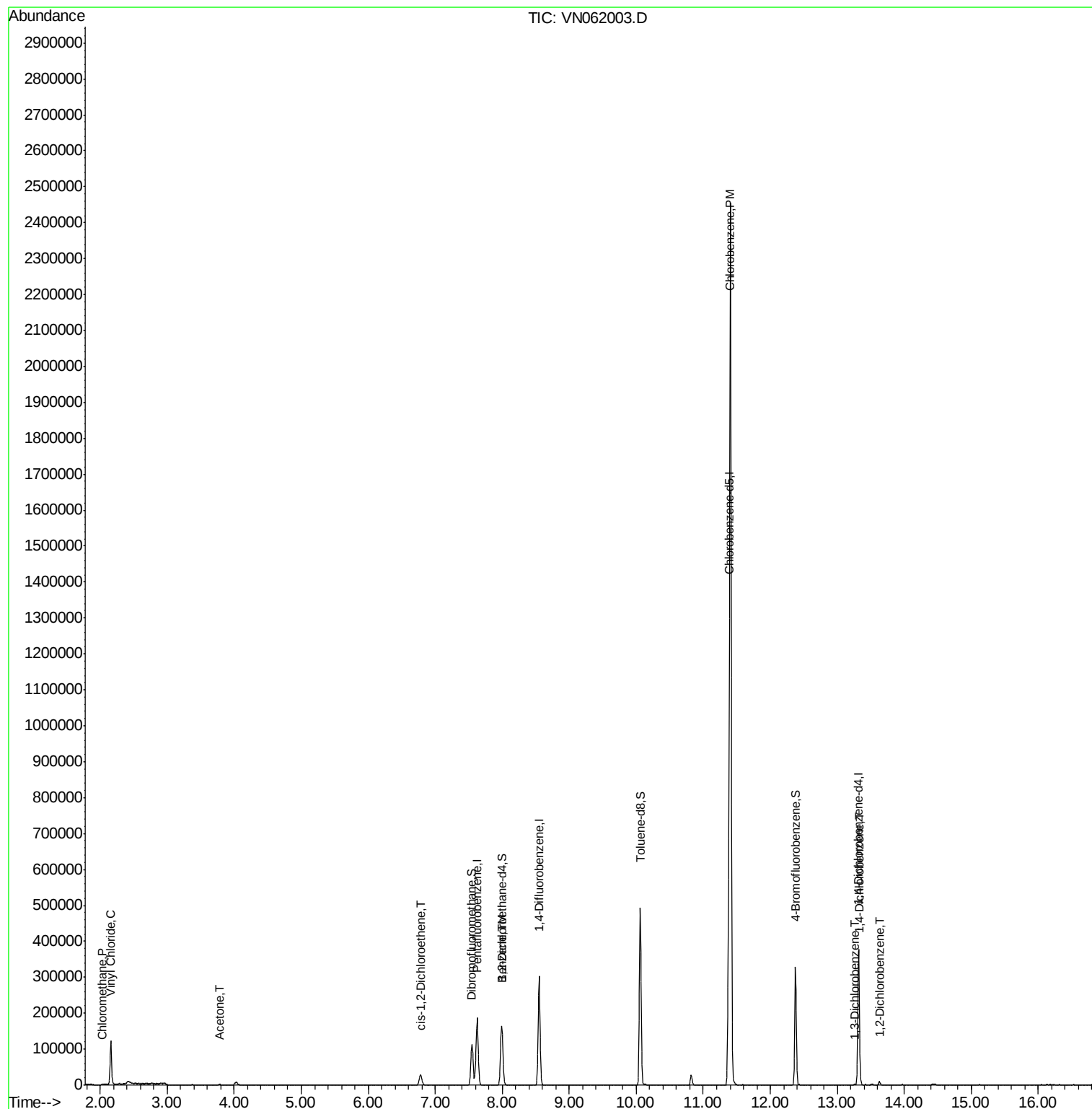
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
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Z1-DUP-0571-200615

Manual Integrations
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Quant Time: Jun 23 05:56:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062003.D

Acq: 22 Jun 2020 16:42

Instrument :

MSVOA_N

ClientSampleId :

Z1-DUP-0571-200615

Tot Ion:168 Resp: 149470

Ion Ratio Lower Upper

168 100

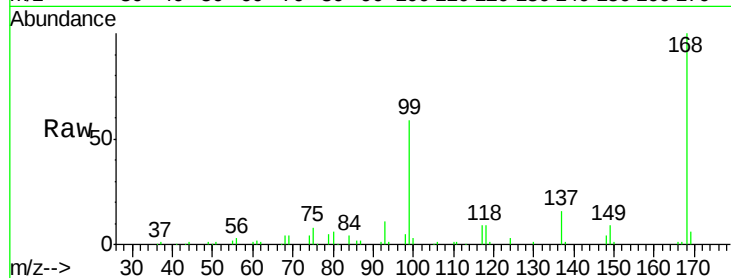
99 59.1 44.6 67.0

Manual Integrations

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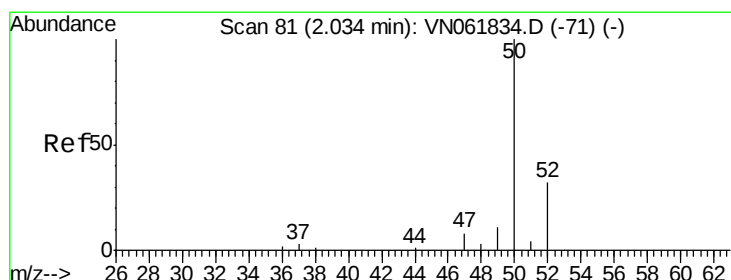
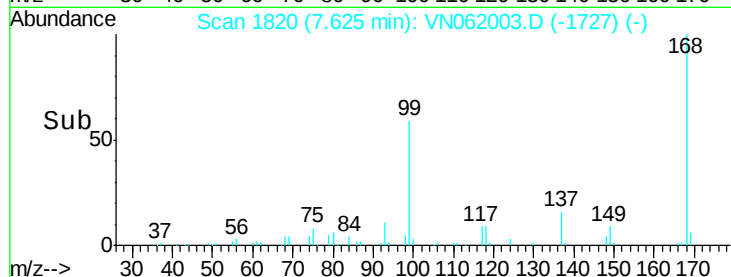
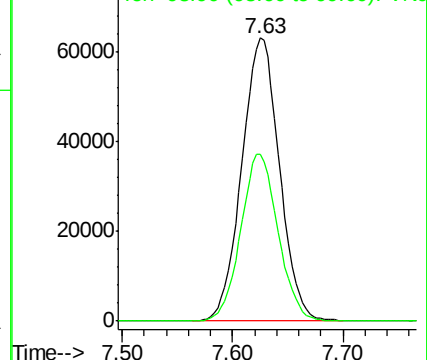
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#3

Chloromethane

Concen: 0.437 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062003.D

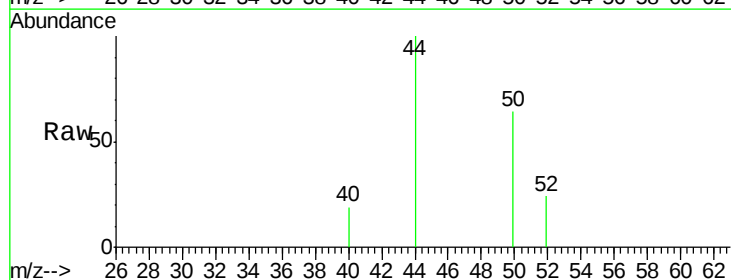
Acq: 22 Jun 2020 16:42

Tgt Ion: 50 Resp: 907

Ion Ratio Lower Upper

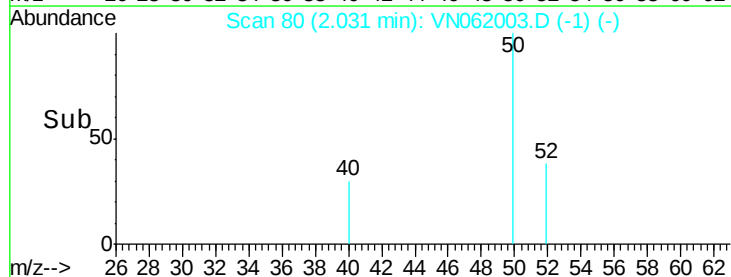
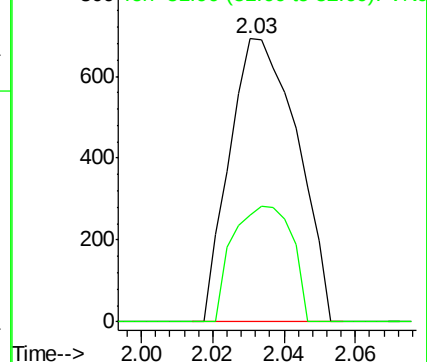
50 100

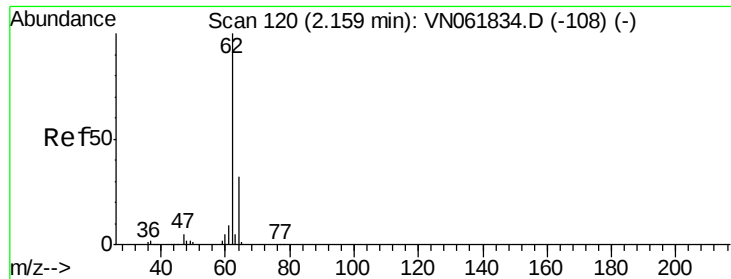
52 37.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN





#4

Vinyl Chloride

Concen: 43.920 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062003.D

Acq: 22 Jun 2020 16:42

Instrument :

MSVOA_N

ClientSampleId :

Z1-DUP-0571-200615

Tot Ion: 62 Resp: 108629

Ion Ratio Lower Upper

62 100

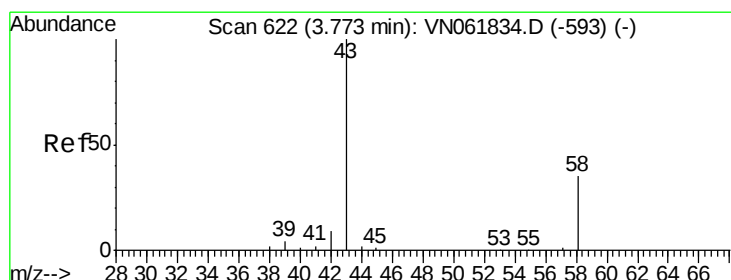
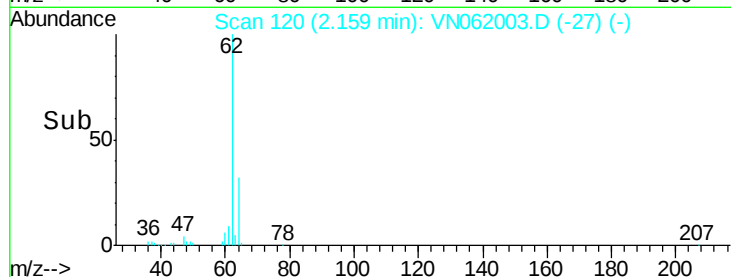
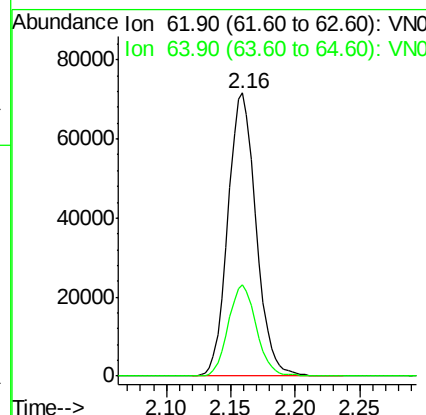
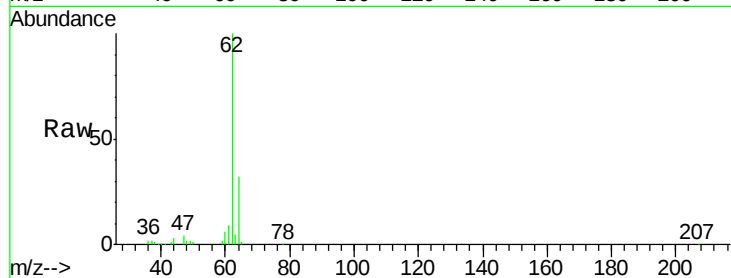
64 32.1 25.5 38.3

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#16

Acetone

Concen: 3.719 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062003.D

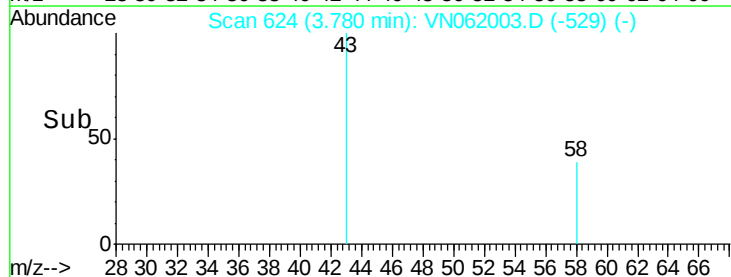
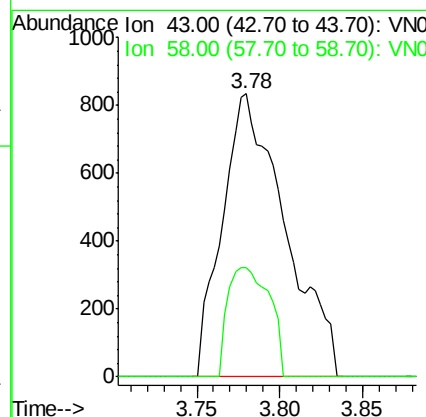
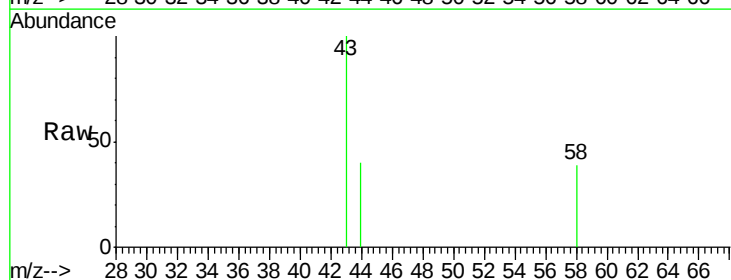
Acq: 22 Jun 2020 16:42

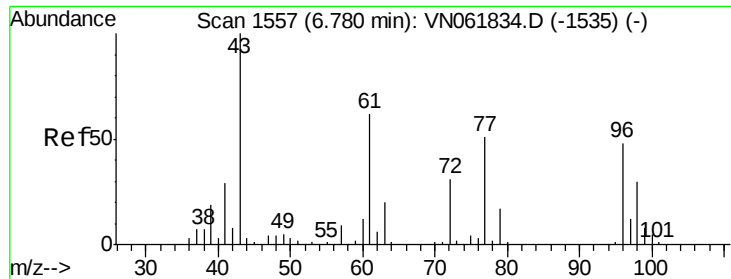
Tgt Ion: 43 Resp: 2202

Ion Ratio Lower Upper

43 100

58 38.6 27.8 41.8





#27

cis-1,2-Dichloroethene

Concen: 8.507 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062003.D

Acq: 22 Jun 2020 16:42

Instrument :

MSVOA_N

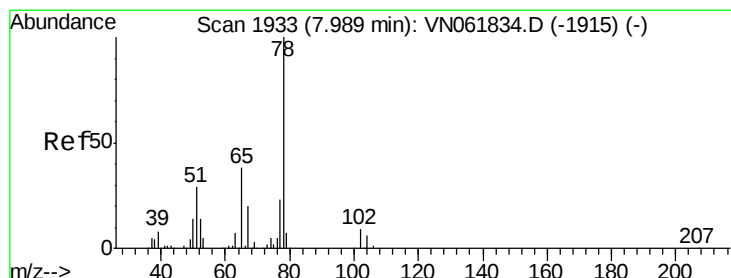
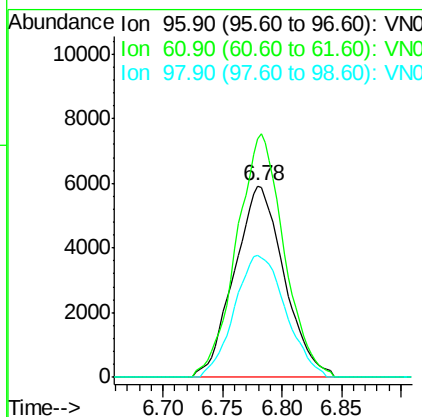
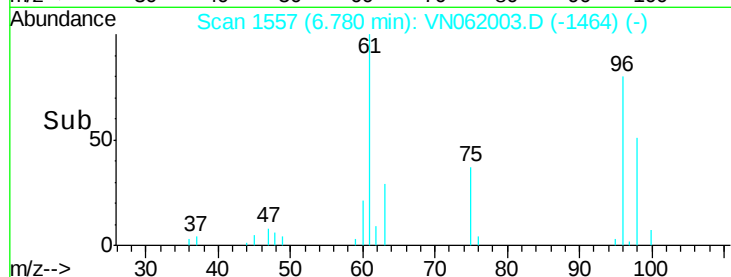
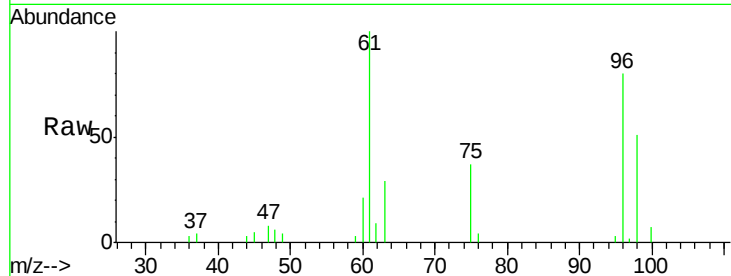
ClientSampleId :

Z1-DUP-0571-200615

Tot Ion:	96	Resp:	17123
Ion	Ratio	Lower	Upper
96	100		
61	121.0	0.0	265.6
98	65.6	0.0	128.2

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#33

1,2-Dichloroethane-d4

Concen: 51.356 ug/l

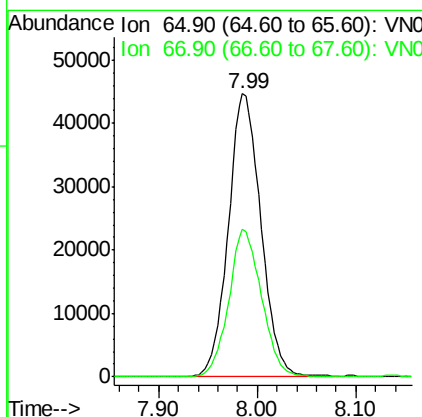
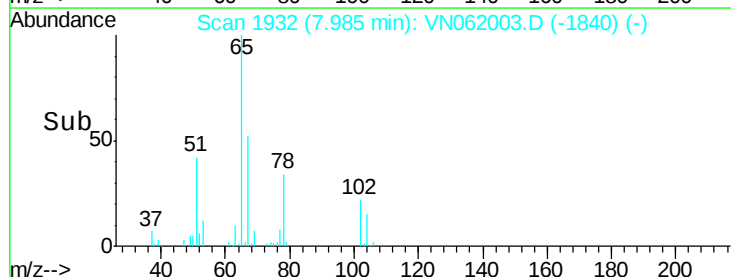
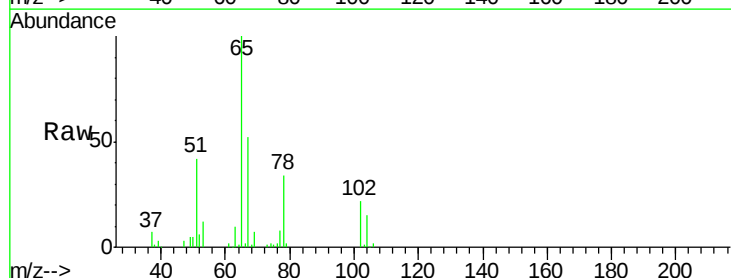
RT: 7.99 min Scan# 1932

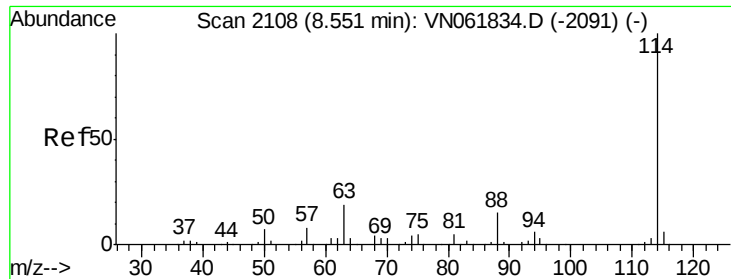
Delta R.T. -0.00 min

Lab File: VN062003.D

Acq: 22 Jun 2020 16:42

Tgt Ion:	65	Resp:	102948
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.2





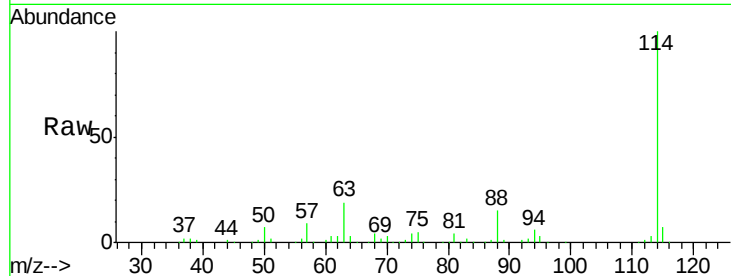
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN062003.D
Acq: 22 Jun 2020 16:42

Instrument :
MSVOA_N
ClientSampleId :
Z1-DUP-0571-200615

Tot Ion	Ratio	Resp	Lower	Upper
114	100	275316		
63	18.8	0.0	37.6	
88	15.2	0.0	31.0	

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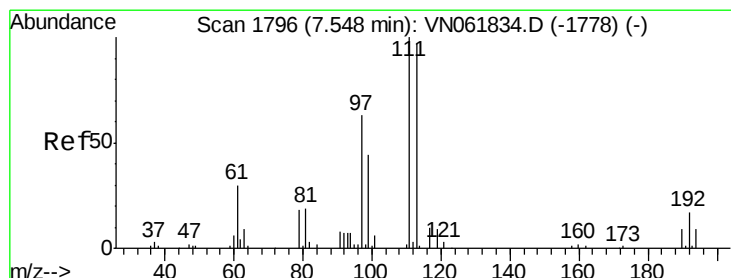
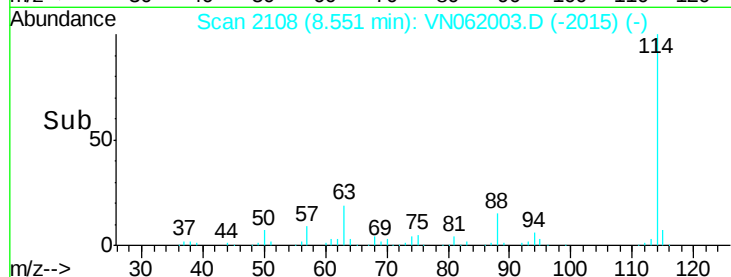
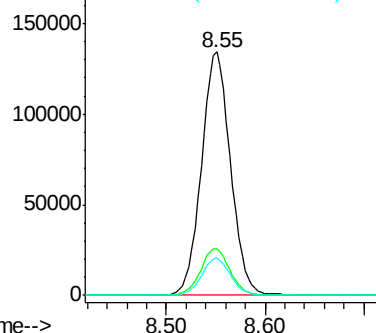
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Abundance Ion 113.90 (113.60 to 114.60): V

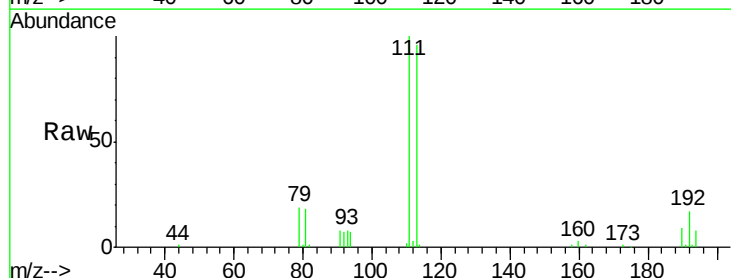
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 49.793 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN062003.D
Acq: 22 Jun 2020 16:42

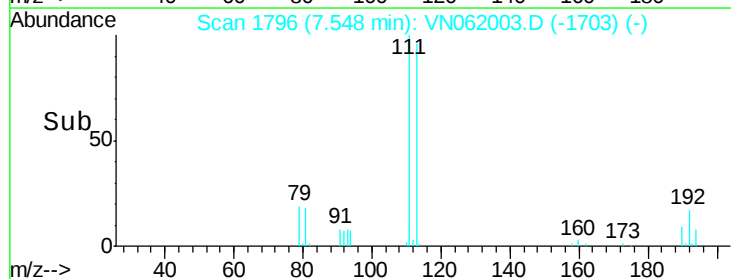
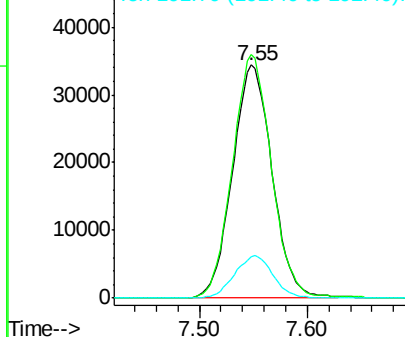
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	87702		
111	103.3	83.7	125.5	
192	17.7	13.9	20.9	

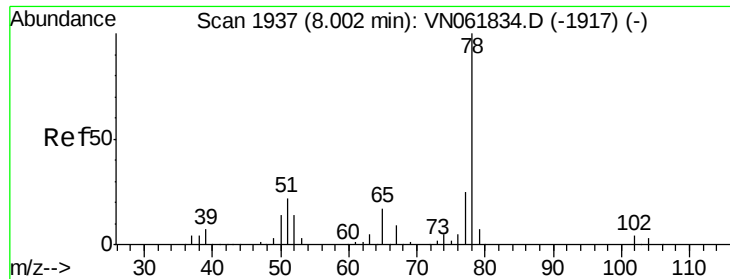


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 8.557 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN062003.D

Acq: 22 Jun 2020 16:42

Instrument :

MSVOA_N

ClientSampleId :

Z1-DUP-0571-200615

Tot Ion: 78 Resp: 65096

Ion Ratio Lower Upper

78 100

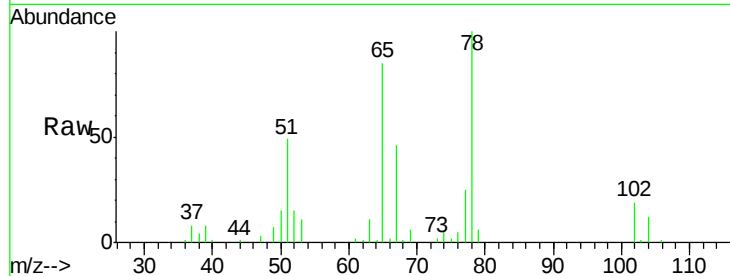
77 25.1 19.7 29.5

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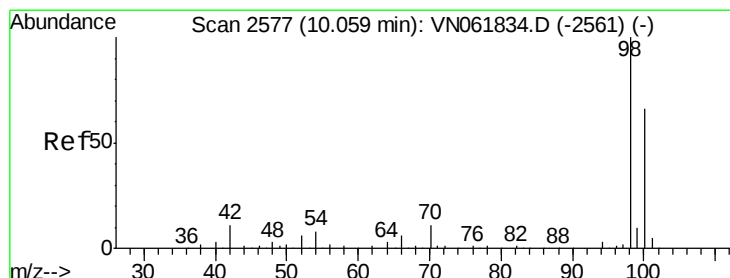
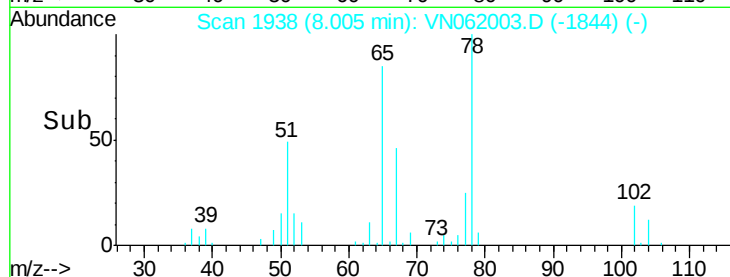


Abundance Ion 78.00 (77.70 to 78.70): VN061834.D (-1917) (-)

Ion 77.00 (76.70 to 77.70): VN061834.D (-1917) (-)

8.00

Time-->



#50

Toluene-d8

Concen: 49.518 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062003.D

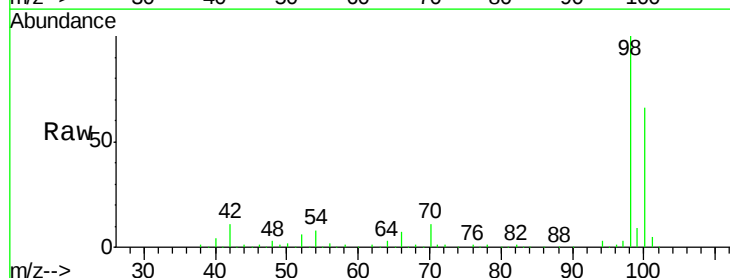
Acq: 22 Jun 2020 16:42

Tgt Ion: 98 Resp: 342887

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1

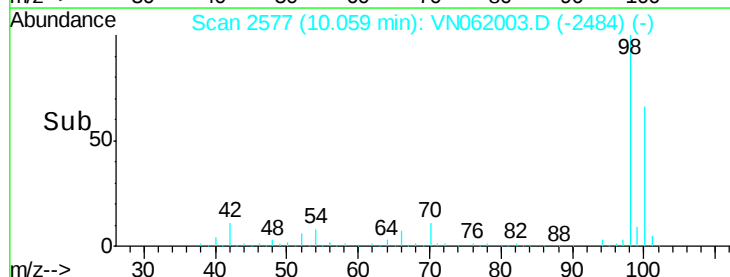


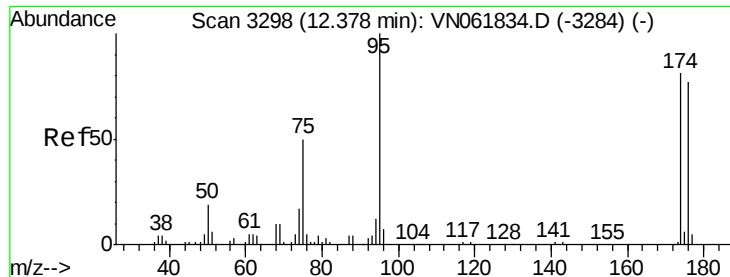
Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061834.D (-2561) (-)

10.06

Time-->





#62

4-Bromofluorobenzene

Concen: 48.108 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062003.D

Acq: 22 Jun 2020 16:42

Instrument :

MSVOA_N

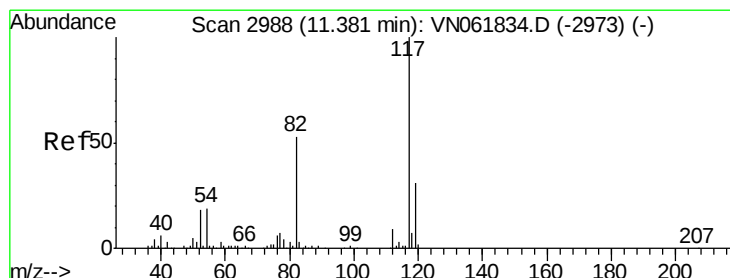
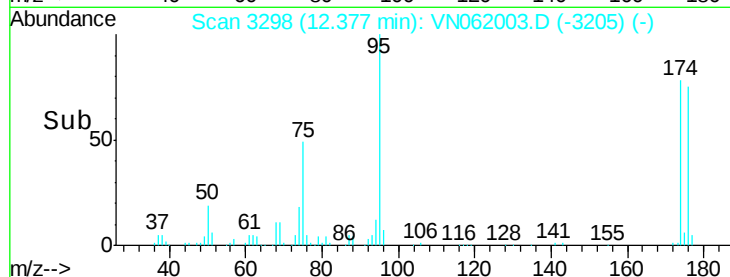
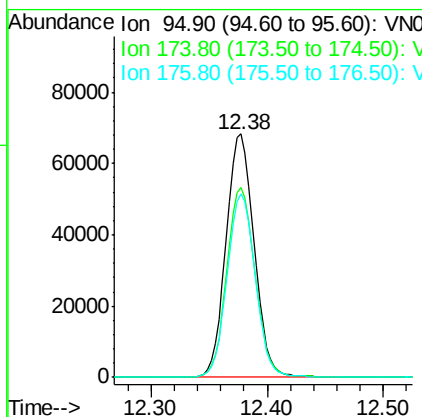
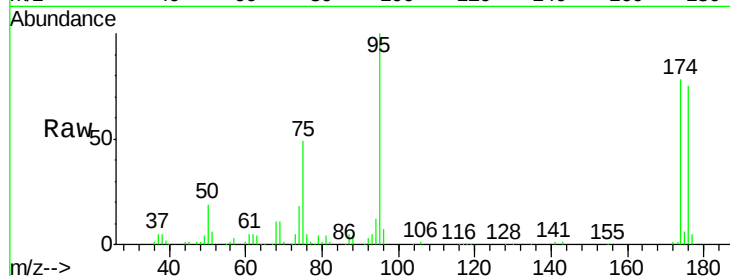
ClientSampleId :

Z1-DUP-0571-200615

Tot Ion:	95	Resp:	114267
Ion Ratio	Lower	Upper	
95	100		
174	78.6	0.0	158.6
176	75.5	0.0	152.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

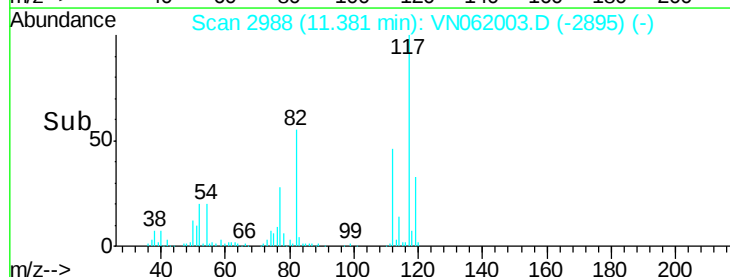
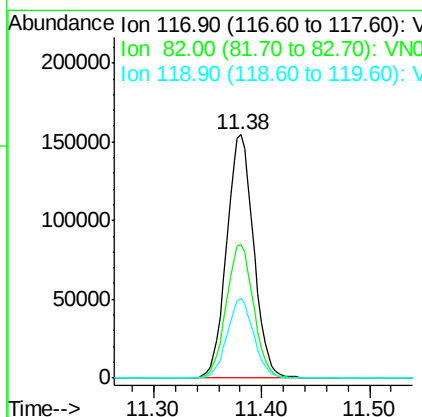
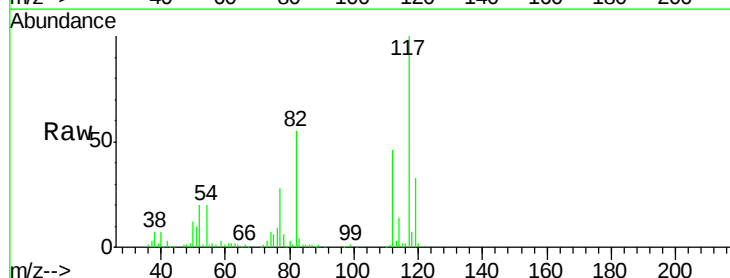
RT: 11.38 min Scan# 2988

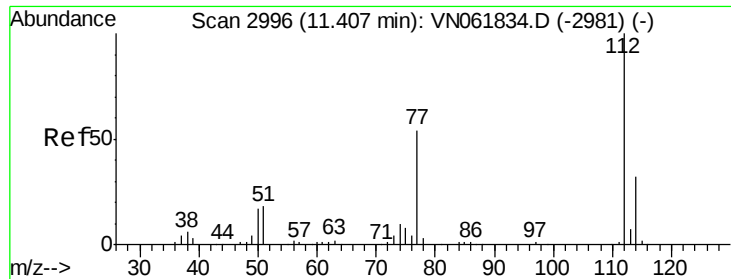
Delta R.T. -0.00 min

Lab File: VN062003.D

Acq: 22 Jun 2020 16:42

Tgt Ion:	117	Resp:	269121
Ion Ratio	Lower	Upper	
117	100		
82	55.1	42.6	64.0
119	32.6	24.7	37.1





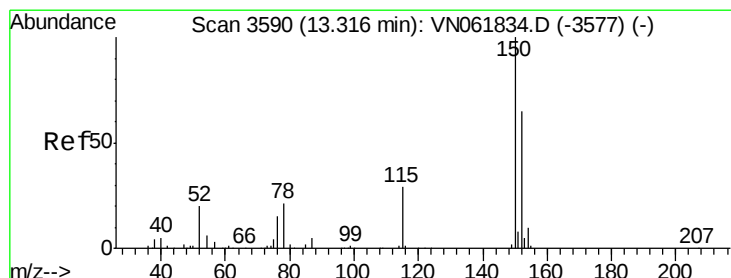
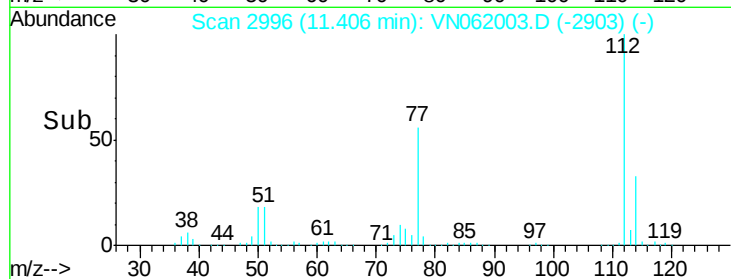
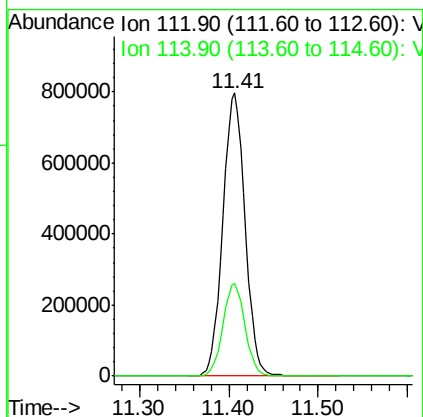
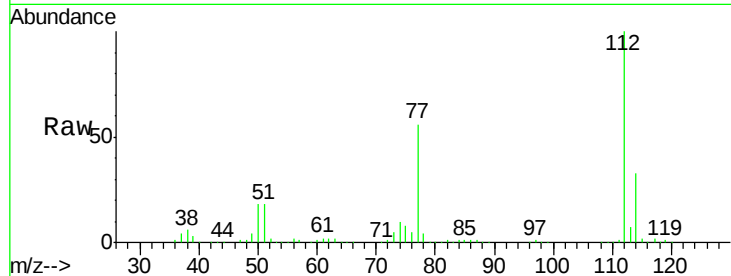
#65
Chlorobenzene
Concen: 241.557 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062003.D
Acq: 22 Jun 2020 16:42

Instrument :
MSVOA_N
ClientSampleId :
Z1-DUP-0571-200615

Tot Ion:112 Resp: 1371726
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

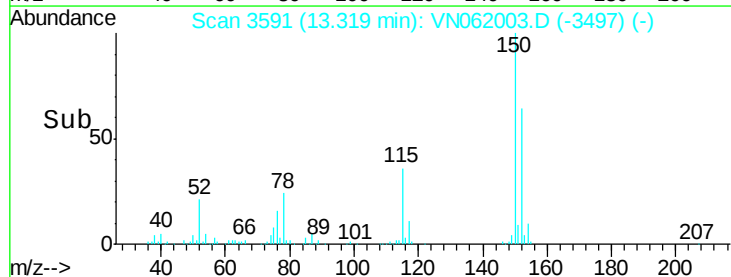
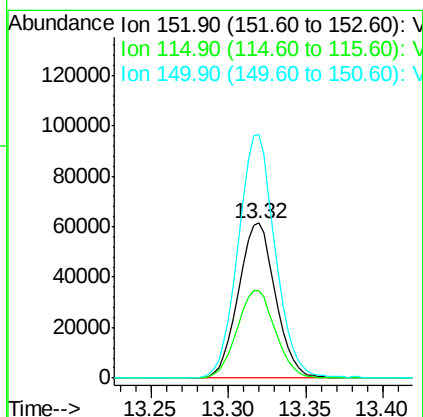
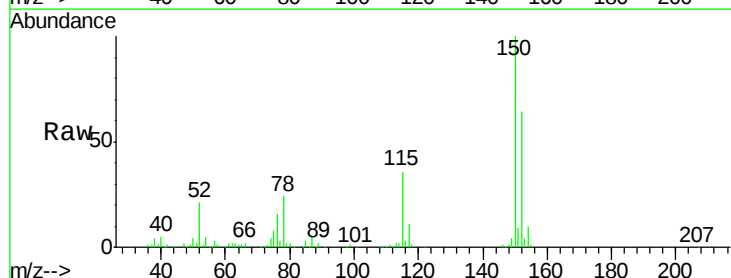
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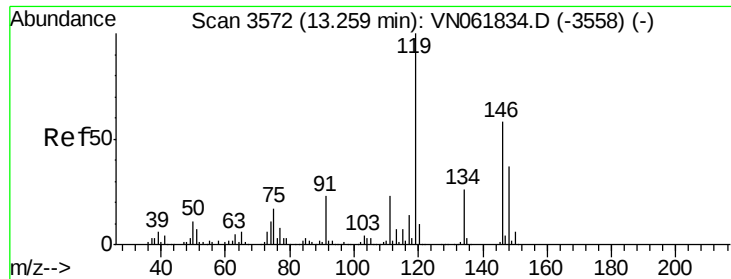
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062003.D
Acq: 22 Jun 2020 16:42

Tgt Ion:152 Resp: 102420
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.3
150 156.8 0.0 347.6





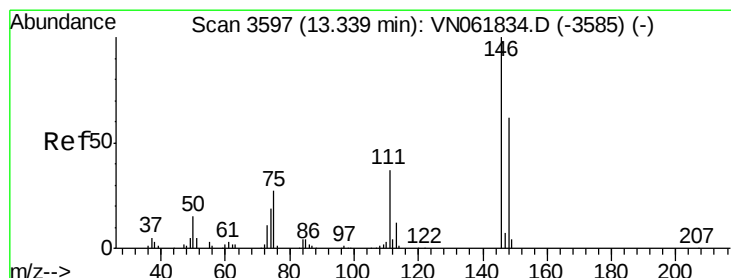
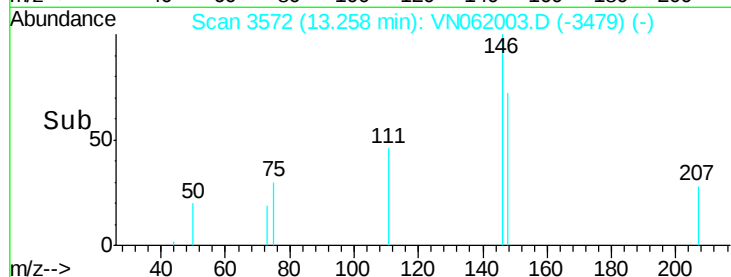
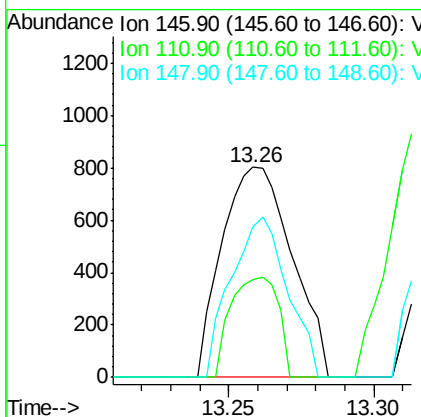
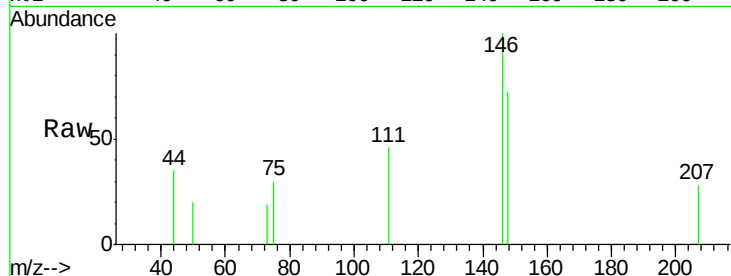
#87
 1,3-Dichlorobenzene
 Concen: 0.403 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062003.D
 Acq: 22 Jun 2020 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 Z1-DUP-0571-200615

Tot Ion	Ratio	Lower	Upper
146	100		
111	32.2	19.6	58.8
148	61.3	31.8	95.4

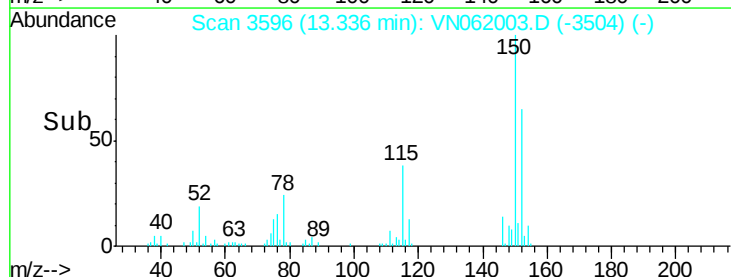
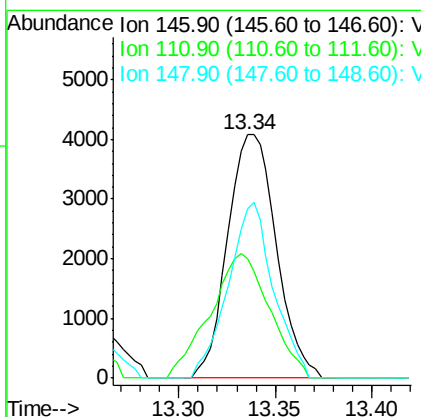
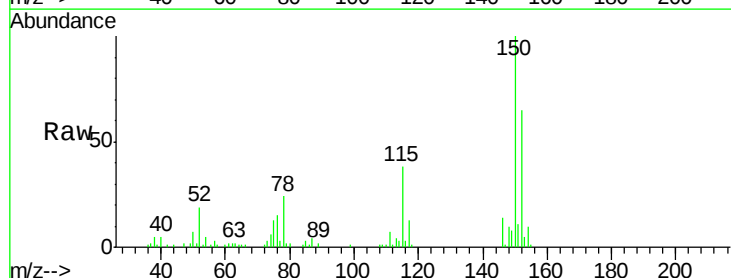
Manual Integrations
 APPROVED

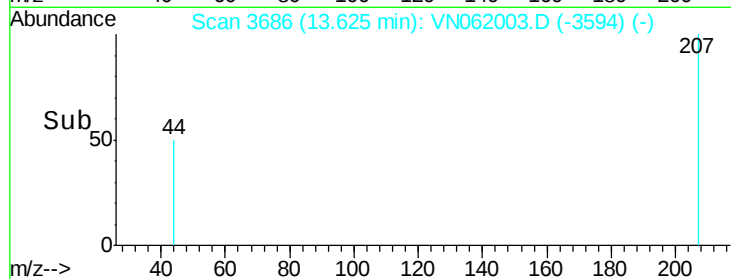
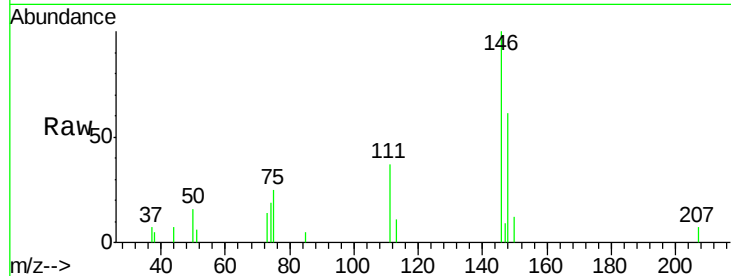
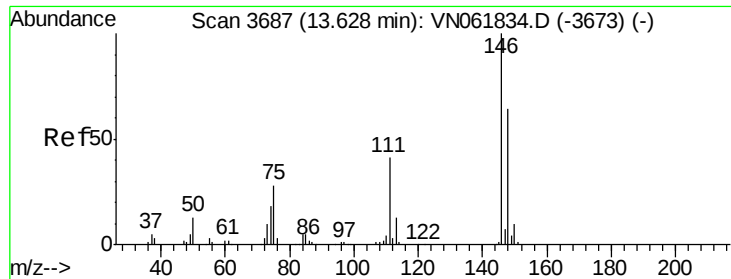
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#88
 1,4-Dichlorobenzene
 Concen: 2.085 ug/l m
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062003.D
 Acq: 22 Jun 2020 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	6.1	19.3	57.8#
148	11.6	31.6	94.7#





#91
 1,2-Dichlorobenzene
 Concen: 1.458 ug/l
 RT: 13.62 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN062003.D
 Acq: 22 Jun 2020 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 Z1-DUP-0571-200615

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.4	61.2
148	65.8	31.8	95.4

Manual Integrations
 APPROVED

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