

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061510.D
 Acq On : 20 May 2020 19:00
 Operator : JC/MD
 Sample : L2720-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0696

Manual Integrations
 APPROVED

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 5/21/2020 1:16:17 PM

Quant Time: May 21 08:03:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	284234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	509325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	497691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	189211	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
35) Dibromofluoromethane	7.55	113	147458	55.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.52%	
50) Toluene-d8	10.06	98	636927	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.38	95	240855	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
Target Compounds						
2) Dichlorodifluoromethane	1.83	85	1697	0.718	ug/l	86
4) Vinyl Chloride	2.16	62	3171	0.575	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	2295	0.683	ug/l #	76
27) cis-1,2-Dichloroethene	6.78	96	2304m	0.581	ug/l	

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

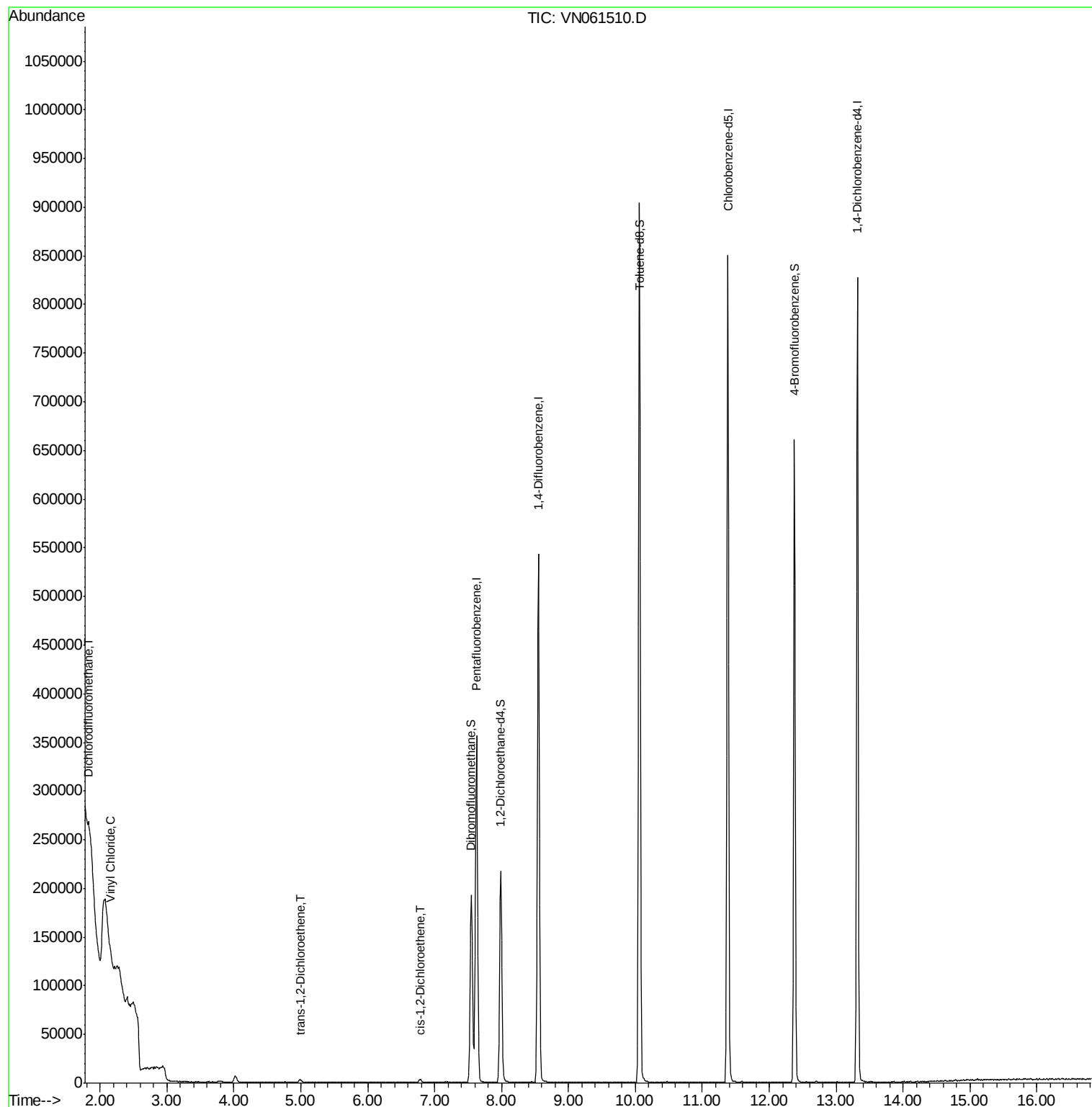
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052020\
Data File : VN061510.D
Acq On : 20 May 2020 19:00
Operator : JC/MD
Sample : L2720-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

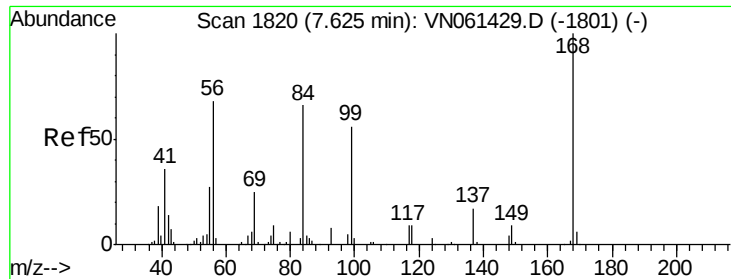
Instrument :
MSVOA_N
ClientSampleId :
S32-0696

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Quant Time: May 21 08:03:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 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: VN061510.D

Acq: 20 May 2020 19:00

Instrument :

MSVOA_N

ClientSampleId :

S32-0696

Tot Ion:168 Resp: 284234

Ion Ratio Lower Upper

168 100

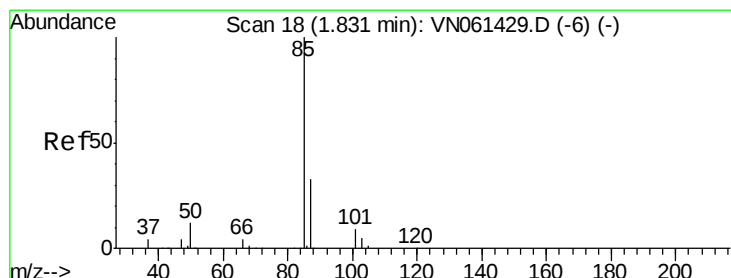
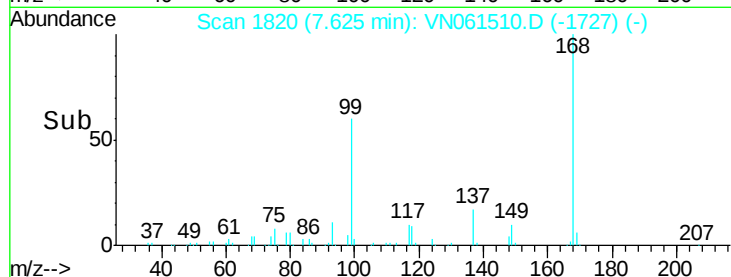
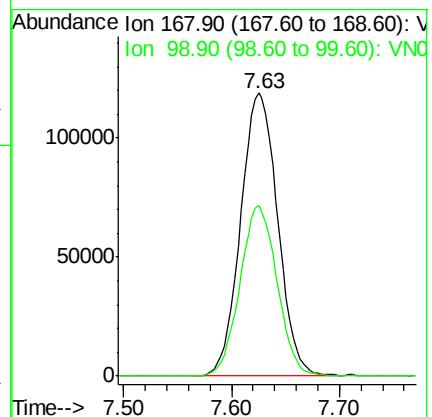
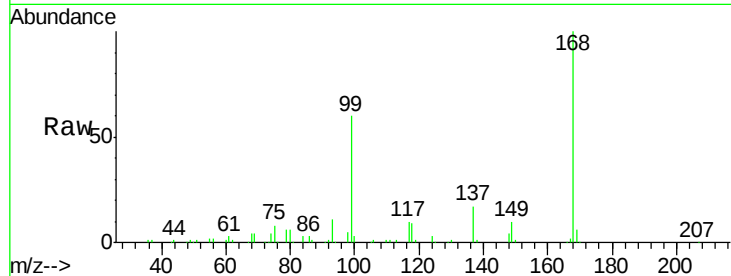
99 60.2 51.1 76.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 0.718 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061510.D

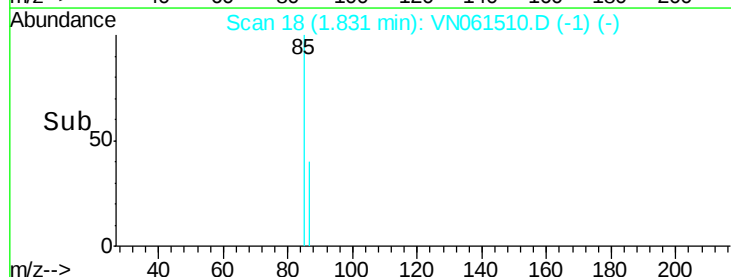
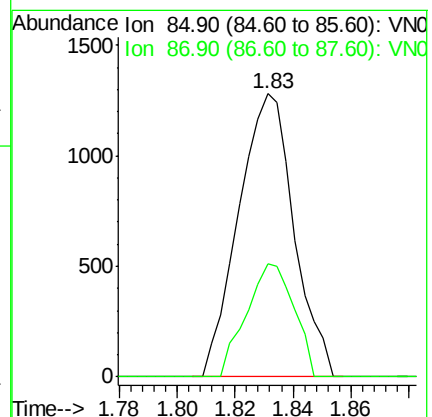
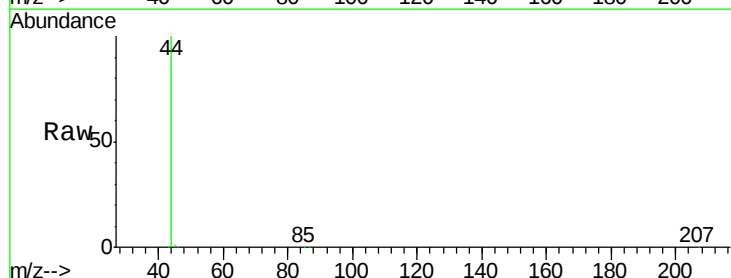
Acq: 20 May 2020 19:00

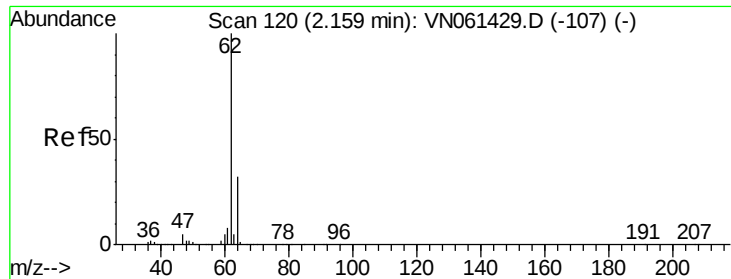
Tgt Ion: 85 Resp: 1697

Ion Ratio Lower Upper

85 100

87 40.2 16.3 48.8





#4

Vinyl Chloride

Concen: 0.575 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061510.D

Acq: 20 May 2020 19:00

Instrument :

MSVOA_N

ClientSampled :

S32-0696

Tot Ion: 62 Resp: 3171

Ion Ratio Lower Upper

62 100

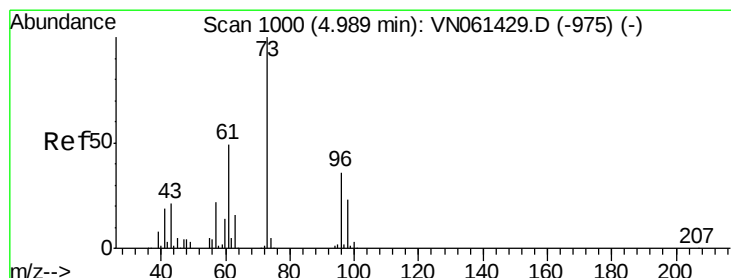
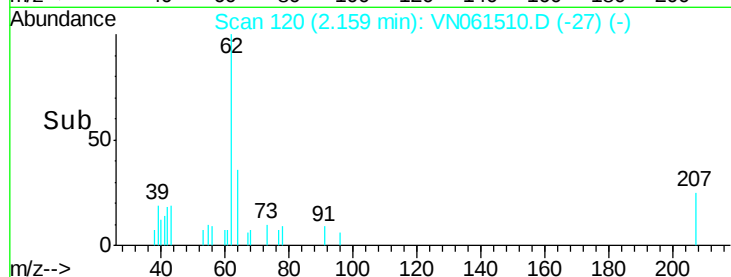
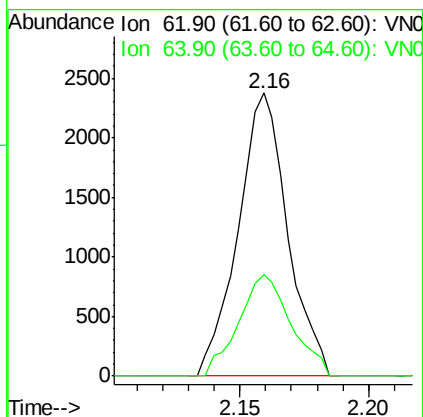
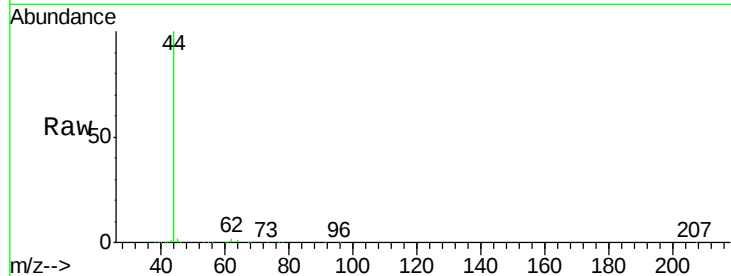
64 35.7 25.3 37.9

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#21

trans-1,2-Dichloroethene

Concen: 0.683 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN061510.D

Acq: 20 May 2020 19:00

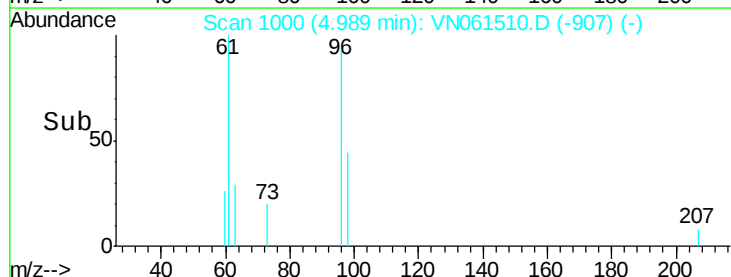
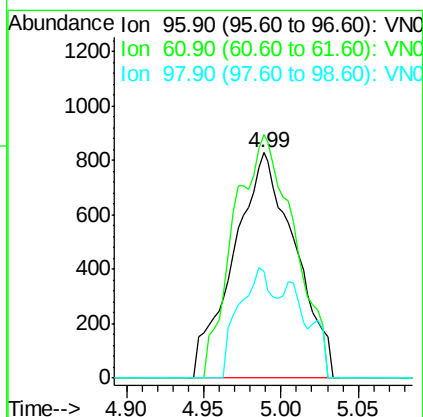
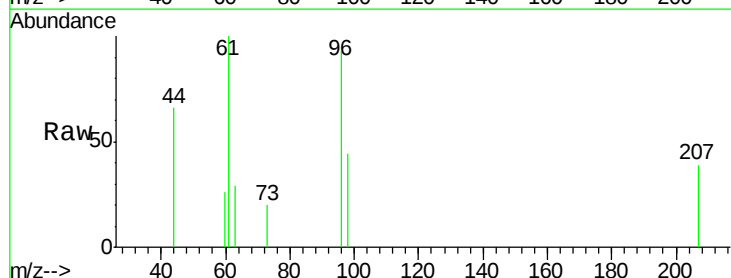
Tgt Ion: 96 Resp: 2295

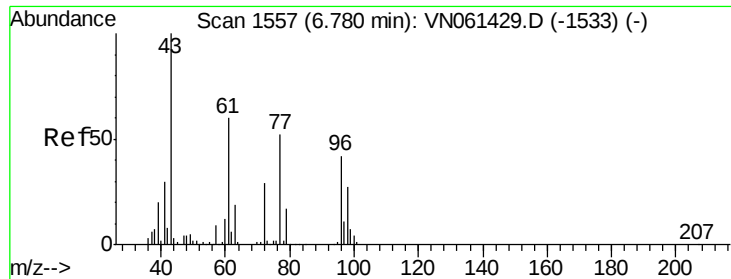
Ion Ratio Lower Upper

96 100

61 108.1 109.8 164.6#

98 47.1 52.4 78.6#





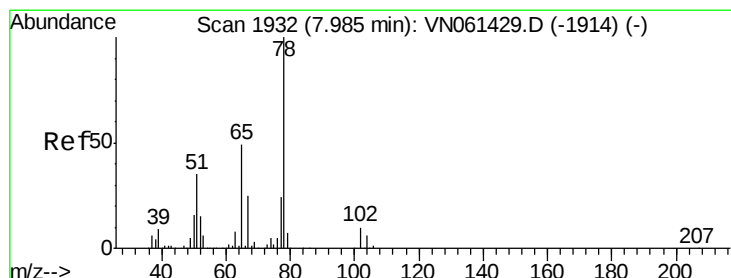
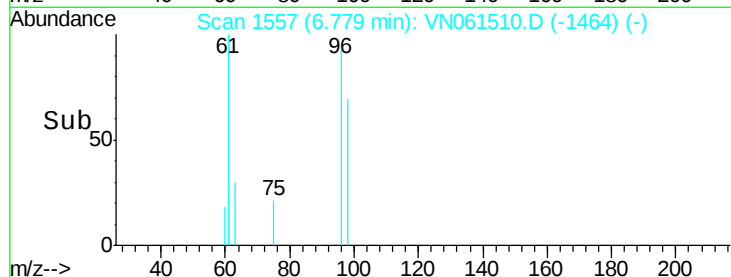
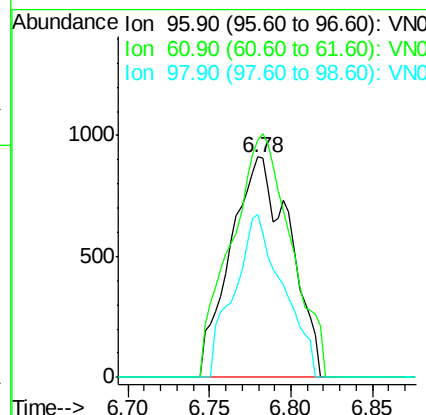
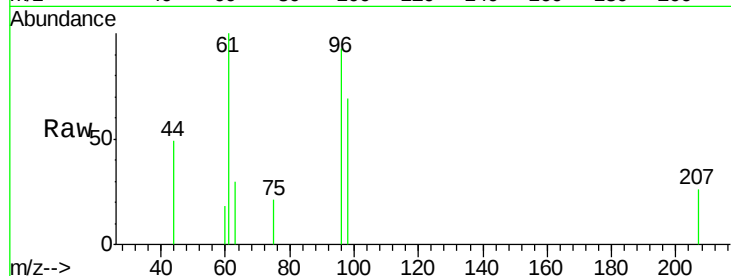
#27
 cis-1,2-Dichloroethene
 Concen: 0.581 ug/l m
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061510.D
 Acq: 20 May 2020 19:00

Instrument :
 MSVOA_N
 ClientSampleId :
 S32-0696

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	111.1	0.0	294.2	
98	60.9	0.0	128.2	

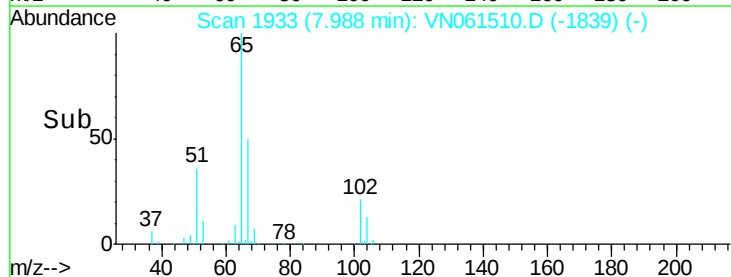
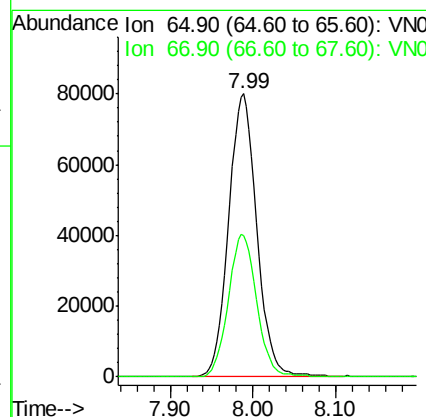
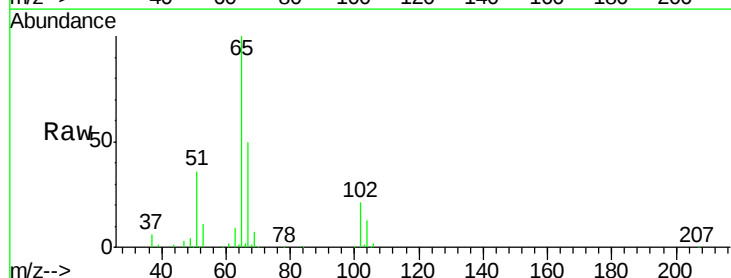
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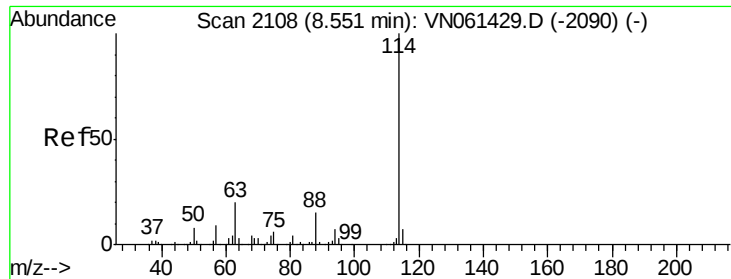
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#33
 1,2-Dichloroethane-d4
 Concen: 44.604 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061510.D
 Acq: 20 May 2020 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.2	0.0	101.4	





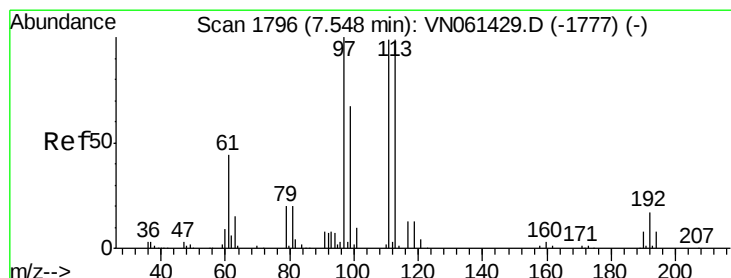
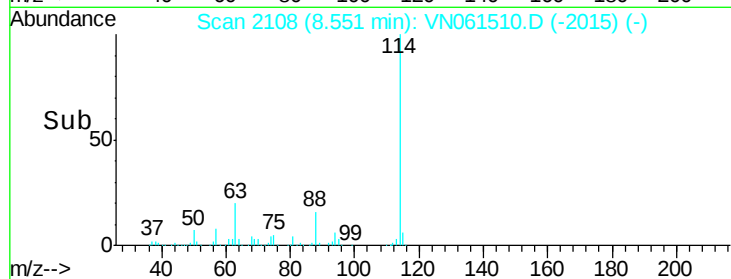
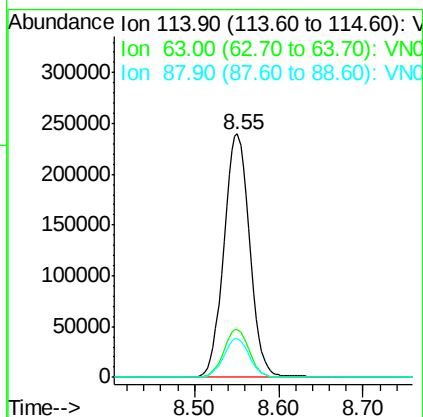
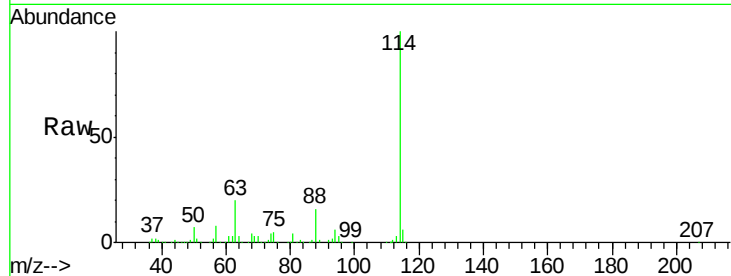
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. -0.00 min
Lab File: VN061510.D
Acq: 20 May 2020 19:00

Instrument :
MSVOA_N
ClientSampleId :
S32-0696

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.7	0.0	40.8
88	15.8	0.0	30.8

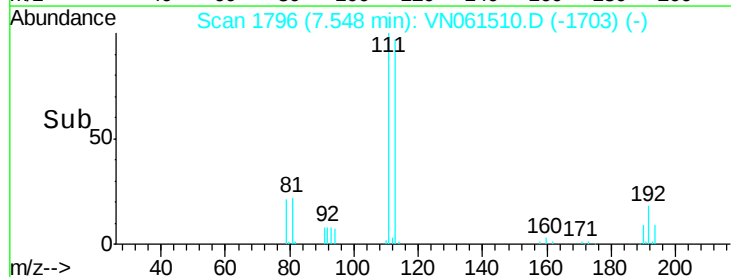
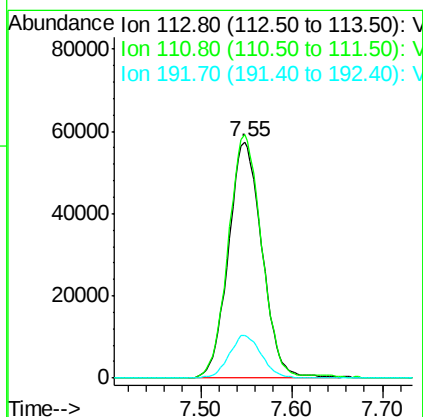
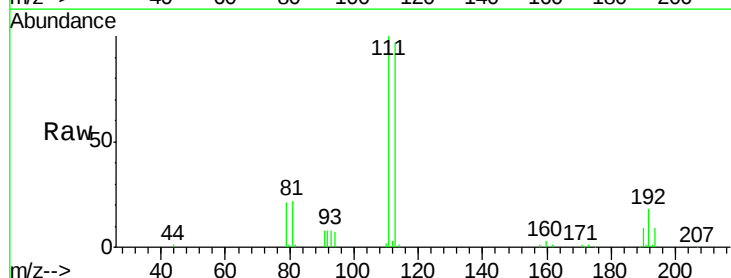
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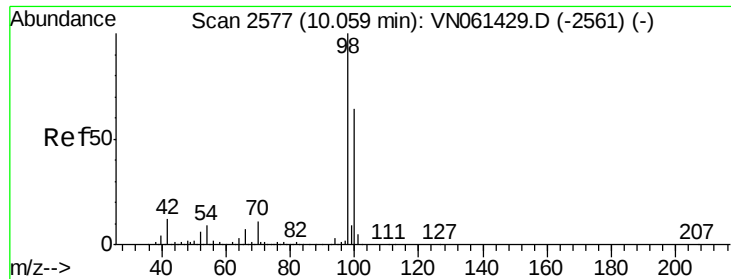
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#35
Dibromofluoromethane
Concen: 55.265 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061510.D
Acq: 20 May 2020 19:00

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.7	80.6	121.0
192	17.5	13.2	19.8





#50

Toluene-d8

Concen: 51.466 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061510.D

Acq: 20 May 2020 19:00

Instrument :

MSVOA_N

ClientSampleId :

S32-0696

Tot Ion: 98 Resp: 636927

Ion Ratio Lower Upper

98 100

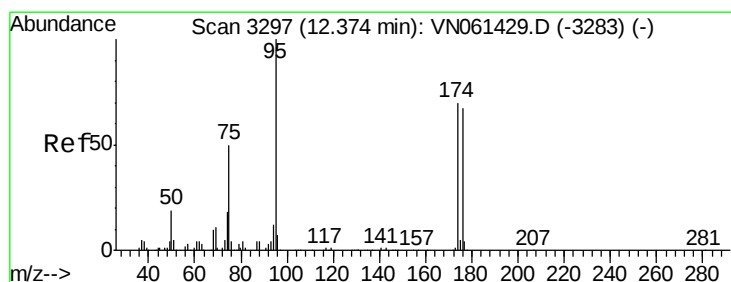
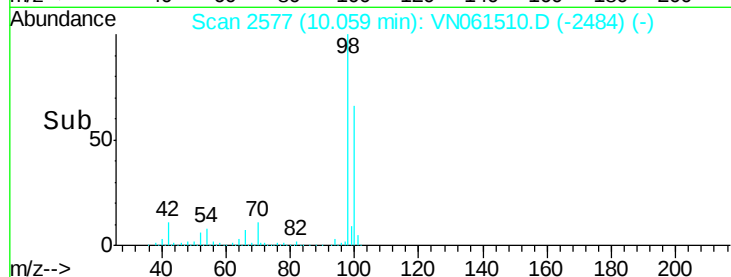
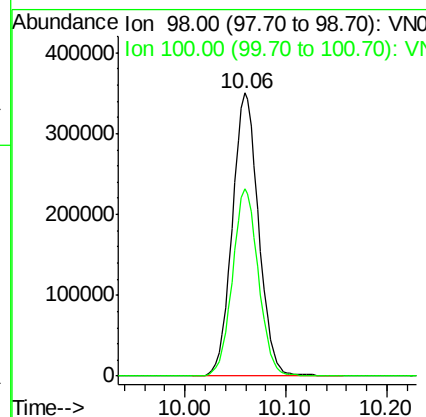
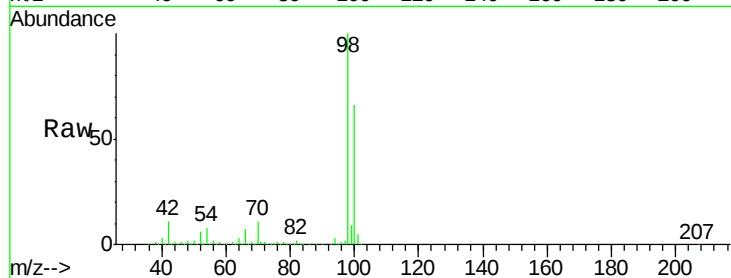
100 65.4 51.8 77.8

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#62

4-Bromofluorobenzene

Concen: 52.091 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061510.D

Acq: 20 May 2020 19:00

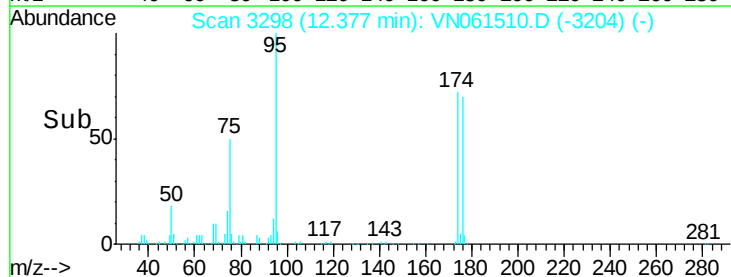
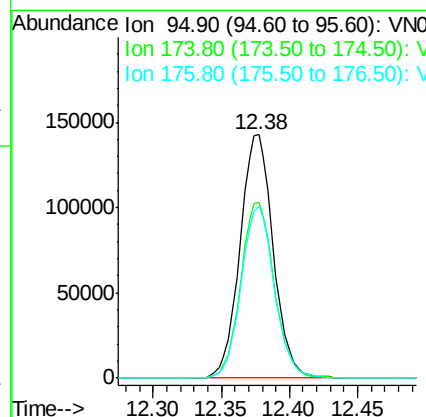
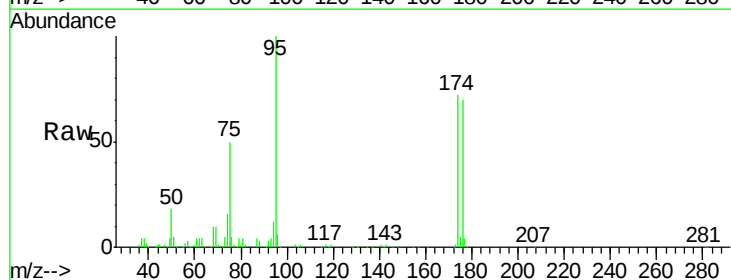
Tgt Ion: 95 Resp: 240855

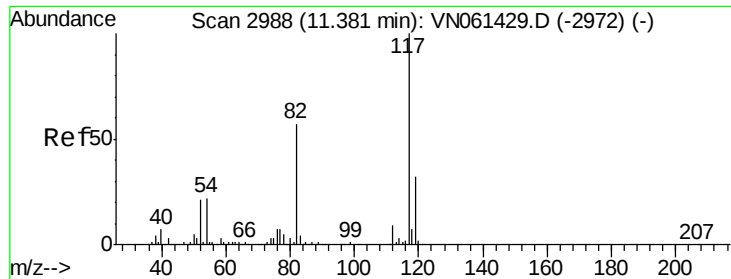
Ion Ratio Lower Upper

95 100

174 73.0 0.0 141.2

176 70.4 0.0 137.6





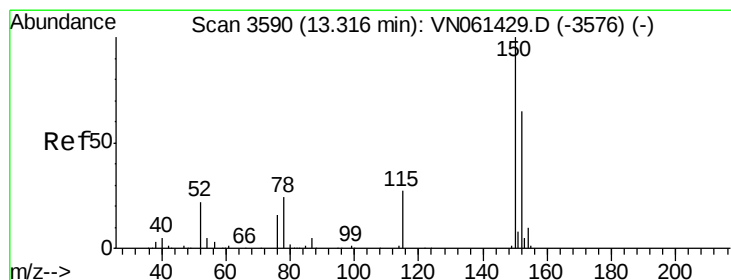
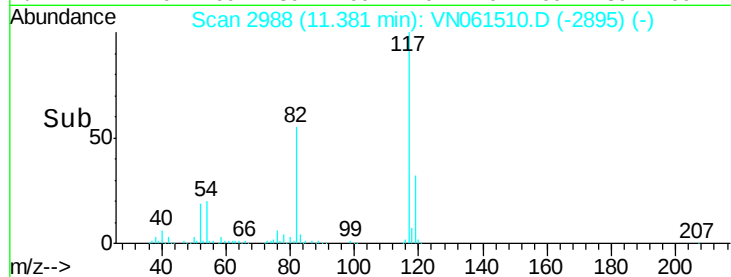
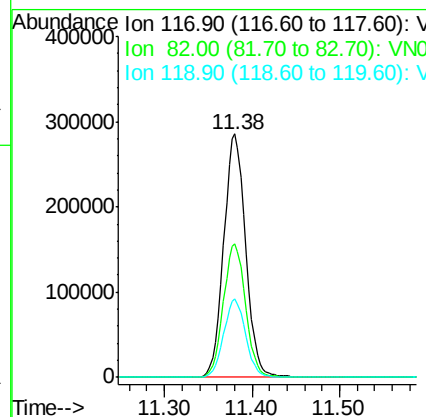
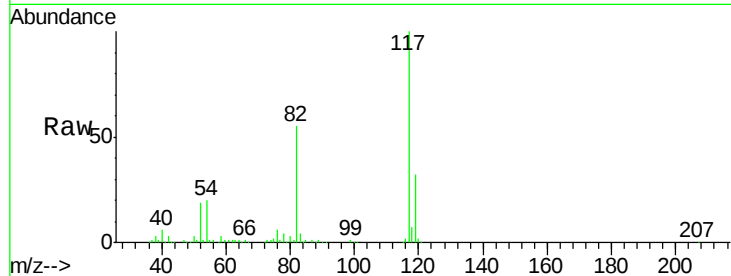
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061510.D
Acq: 20 May 2020 19:00

Instrument :
MSVOA_N
ClientSampleId :
S32-0696

Tot Ion	Ratio	Resp	Lower	Upper
117	100	497691		
82	55.0	45.2	67.8	
119	32.1	25.3	37.9	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061510.D
Acq: 20 May 2020 19:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	221726		
115	60.8	30.9	92.5	
150	156.2	0.0	349.2	

