

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058229.D
 Acq On : 20 Sep 2019 00:47
 Operator : JC/SP
 Sample : K4974-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20190916

Manual Integrations
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 9/20/2019 3:36:51 PM

Quant Time: Sep 20 09:08:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	516502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	838992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	718918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	366181	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
35) Dibromofluoromethane	7.58	113	253004	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	10.08	98	1056176	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.40	95	339031	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
Target Compounds						
3) Chloromethane	2.04	50	4489	0.346	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.74	101	1723206	412.690	ug/l	99
12) 1,1-Dichloroethene	3.74	96	7864	2.141	ug/l #	38
16) Acetone	3.80	43	13855m	5.674	ug/l	
27) cis-1,2-Dichloroethene	6.82	96	12825	2.449	ug/l	89
44) Trichloroethene	8.82	130	577014	127.594	ug/l	97
49) 1,4-Dioxane	9.19	88	2028	23.199	ug/l #	79
64) Tetrachloroethene	10.63	164	140016	39.953	ug/l	99

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

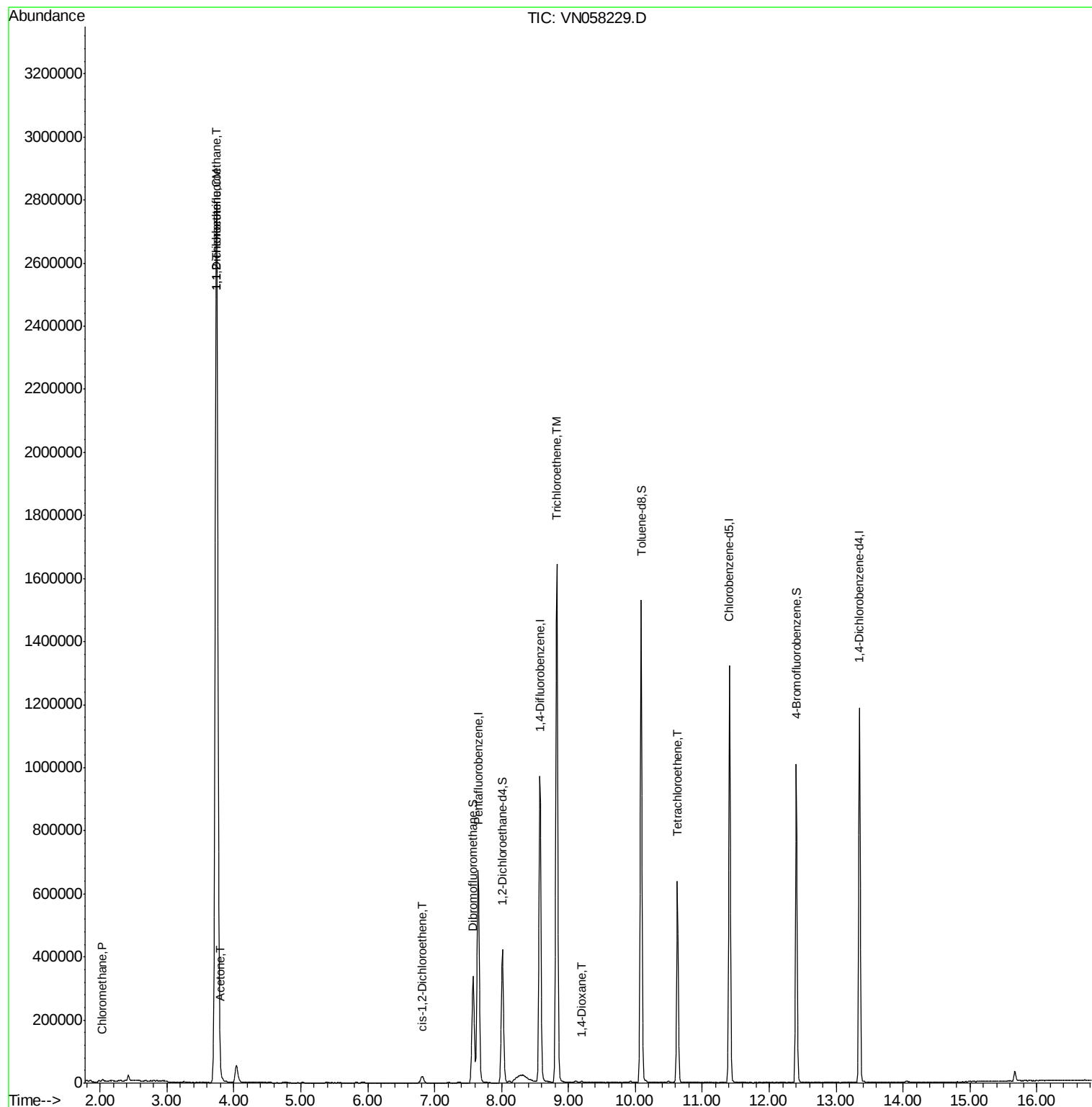
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
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Quant Time: Sep 20 09:08:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20190916

Tot Ion:168 Resp: 516502

Ion Ratio Lower Upper

168 100

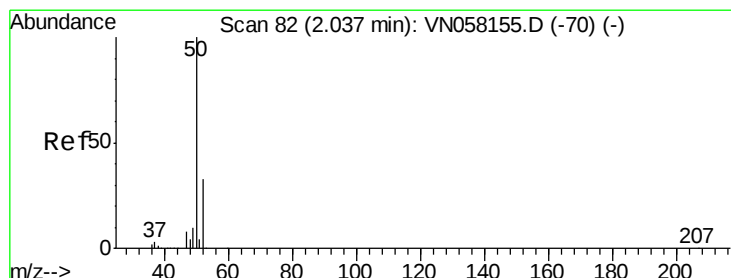
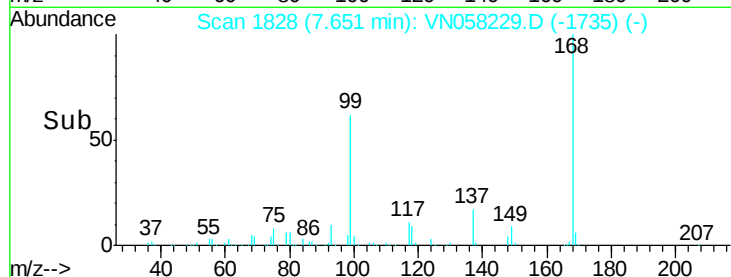
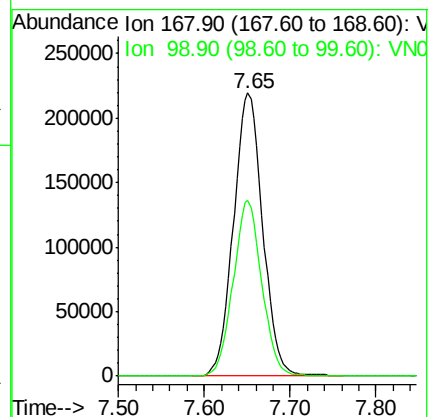
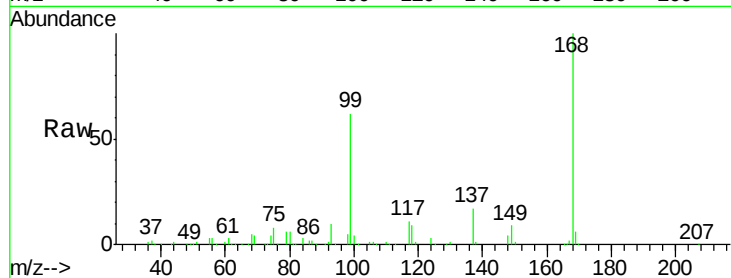
99 61.9 47.4 71.2

Manual Integrations

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#3

Chloromethane

Concen: 0.346 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058229.D

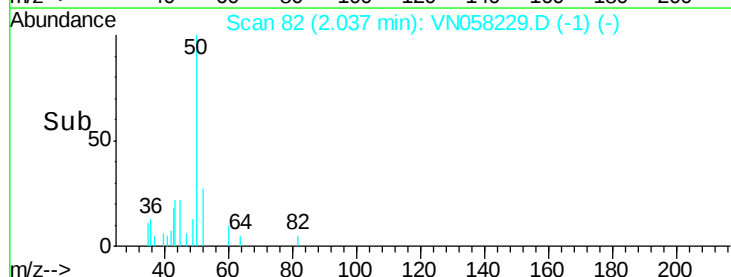
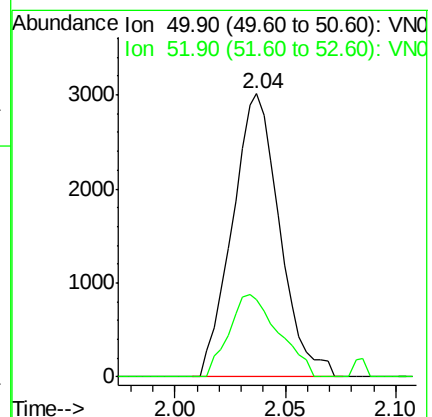
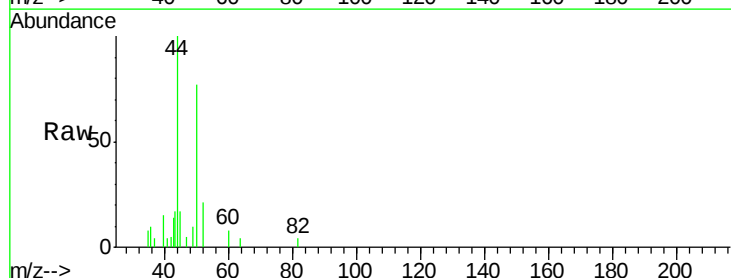
Acq: 20 Sep 2019 00:47

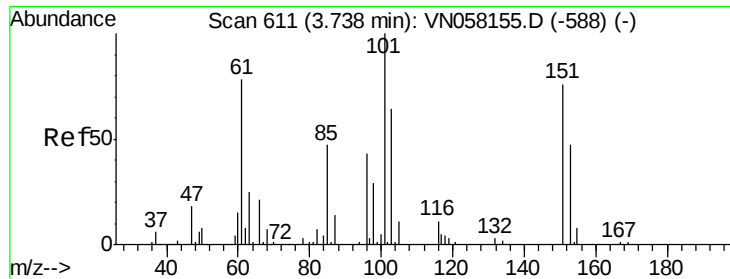
Tgt Ion: 50 Resp: 4489

Ion Ratio Lower Upper

50 100

52 27.2 26.3 39.5





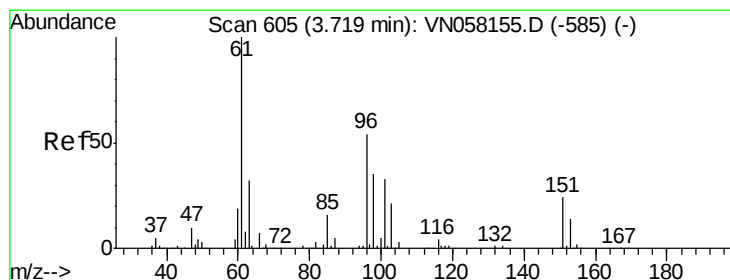
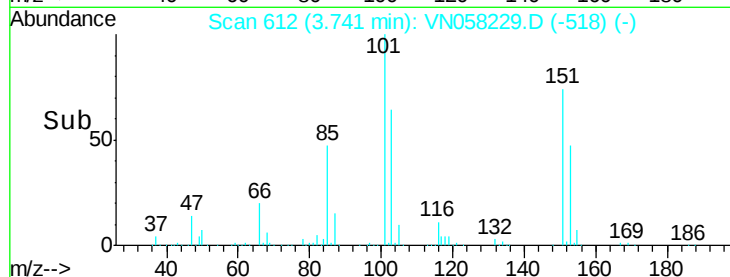
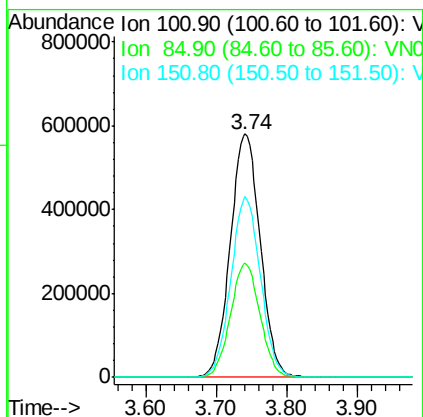
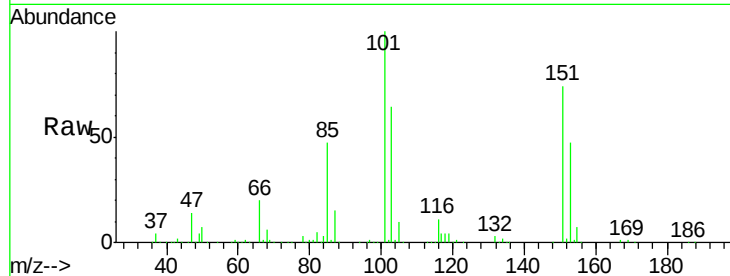
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 412.690 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN058229.D
 Acq: 20 Sep 2019 00:47

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20190916

Tot Ion:101 Resp: 1723206
 Ion Ratio Lower Upper
 101 100
 85 46.3 37.3 55.9
 151 73.4 59.6 89.4

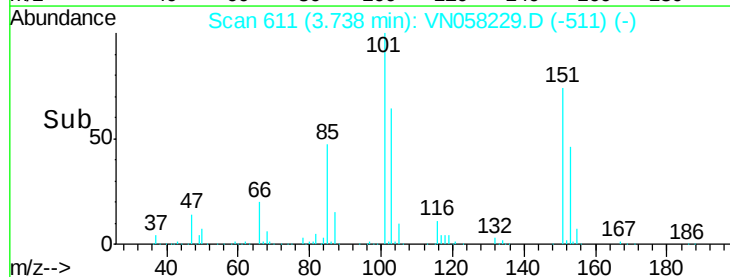
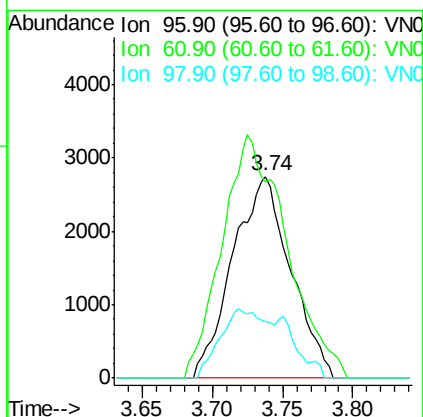
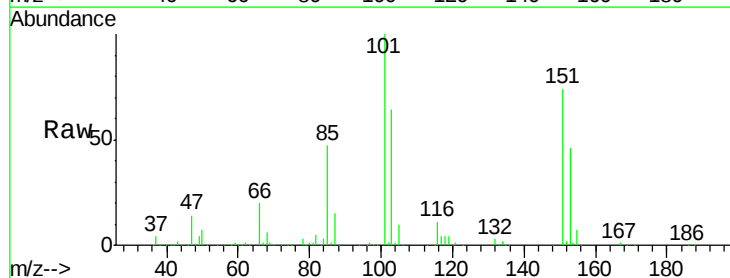
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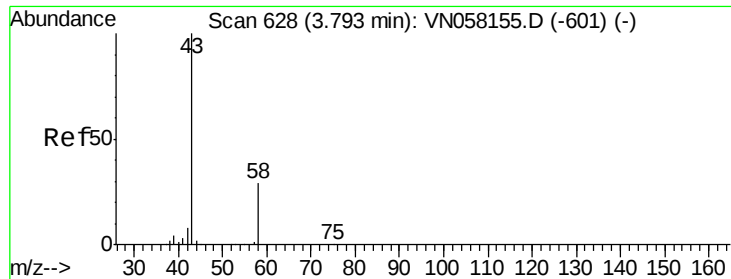
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#12
 1,1-Dichloroethene
 Concen: 2.141 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.02 min
 Lab File: VN058229.D
 Acq: 20 Sep 2019 00:47

Tgt Ion: 96 Resp: 7864
 Ion Ratio Lower Upper
 96 100
 61 89.7 149.5 224.3#
 98 28.5 52.4 78.6#





#16

Acetone

Concen: 5.674 ug/l m

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20190916

Tot Ion: 43 Resp: 13855

Ion Ratio Lower Upper

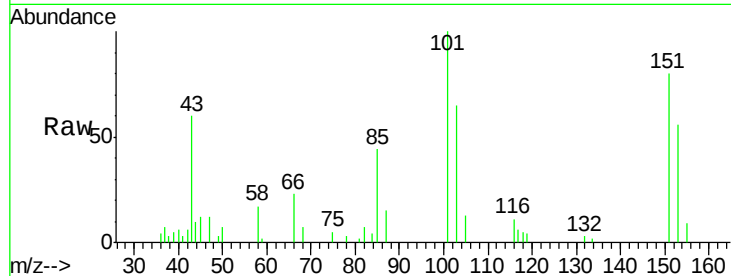
43 100

58 28.5 23.4 35.2

Manual Integrations
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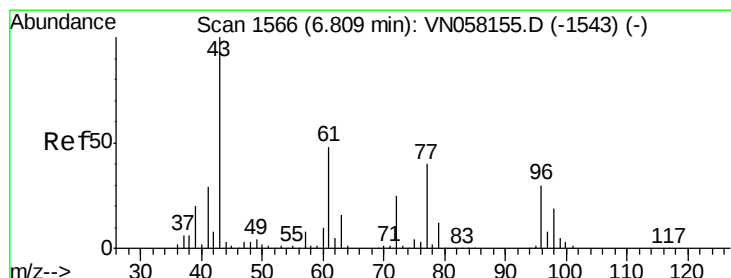
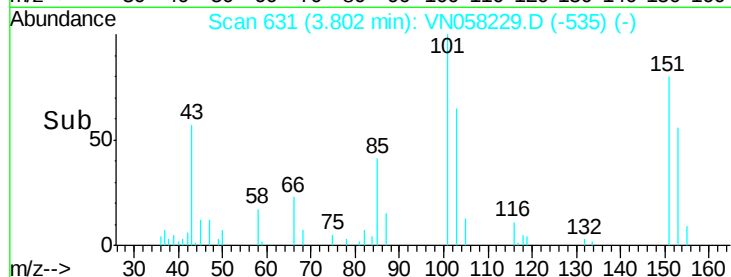
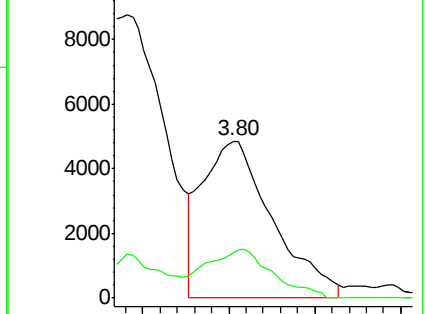
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#27

cis-1,2-Dichloroethene

Concen: 2.449 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

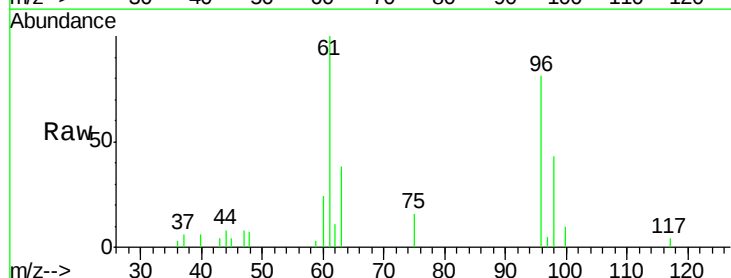
Tgt Ion: 96 Resp: 12825

Ion Ratio Lower Upper

96 100

61 142.4 0.0 319.0

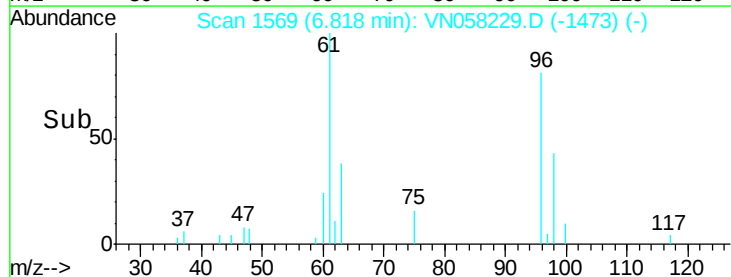
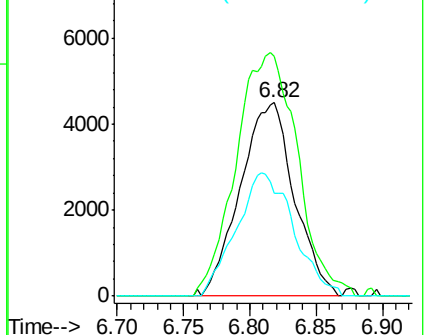
98 67.4 0.0 126.6

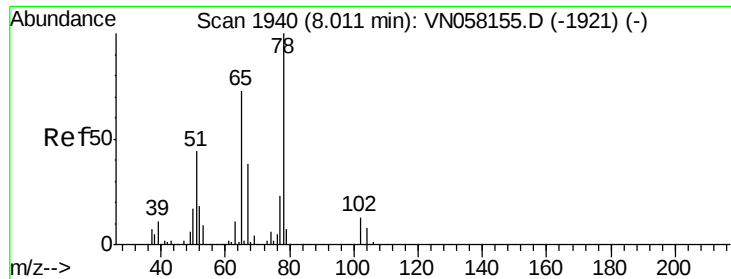


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





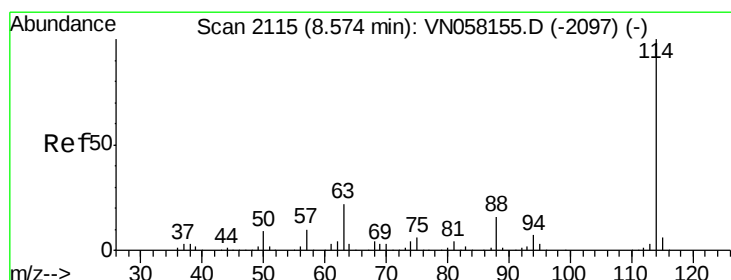
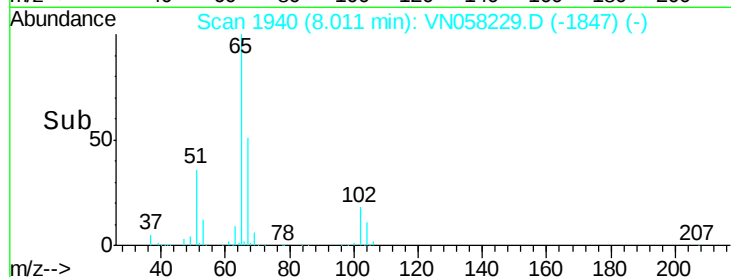
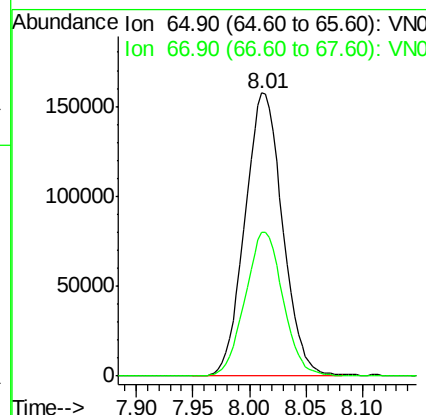
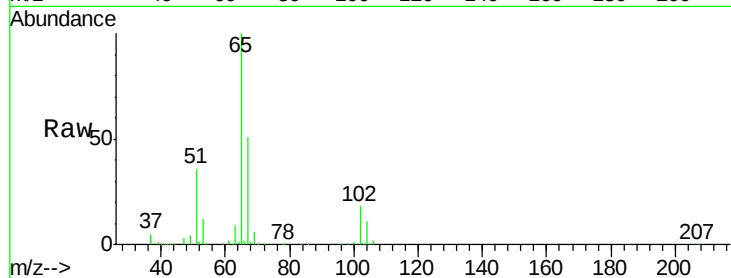
#33
 1,2-Dichloroethane-d4
 Concen: 50.902 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058229.D
 Acq: 20 Sep 2019 00:47

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20190916

Tot Ion	Ratio	Resp	Lower	Upper
65	100	366181		
67	51.1	0.0	103.4	

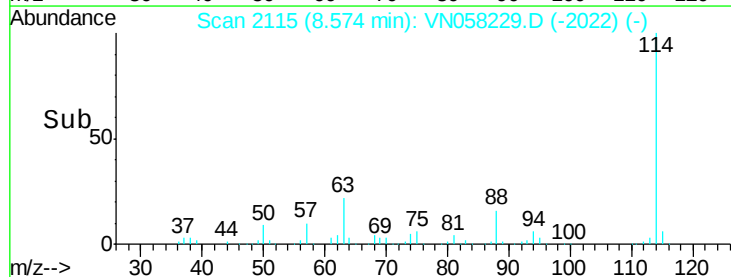
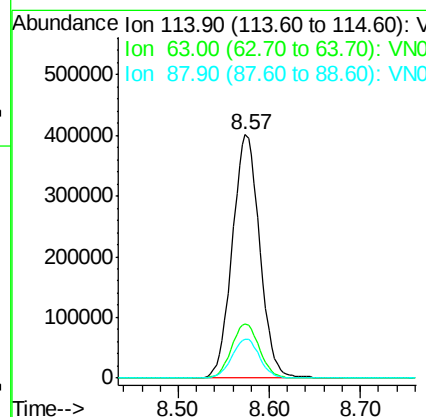
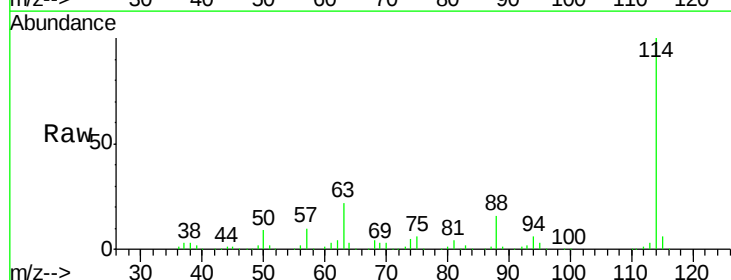
Manual Integrations
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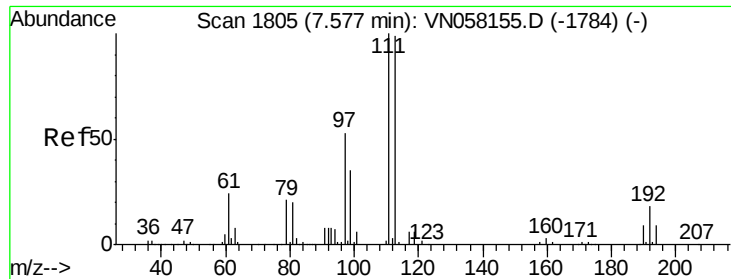
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058229.D
 Acq: 20 Sep 2019 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	838992		
63	22.2	0.0	44.2	
88	16.2	0.0	31.6	





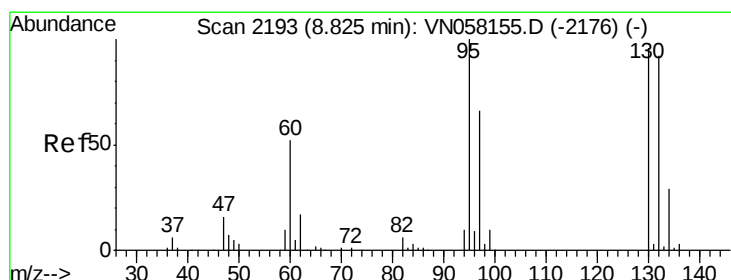
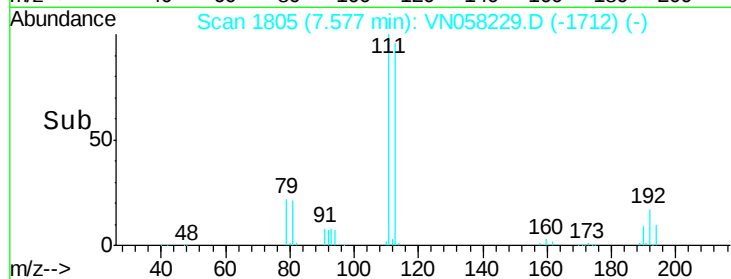
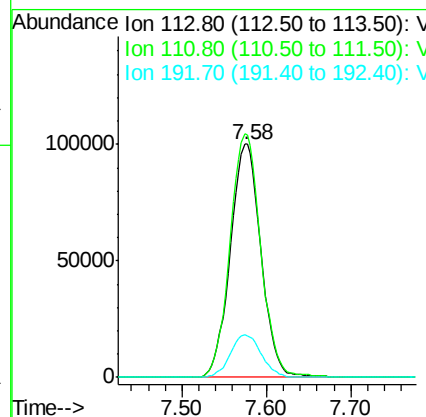
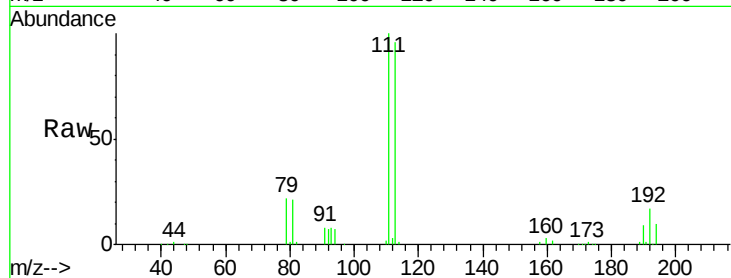
#35
Dibromofluoromethane
Concen: 49.605 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
113	100	253004		
111	104.8		81.8	122.6
192	18.5		14.5	21.7

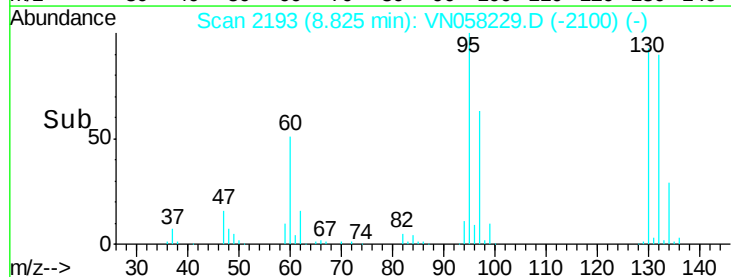
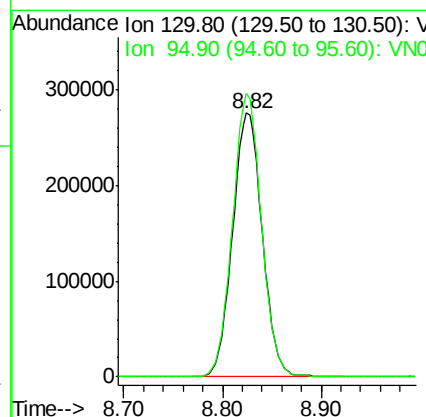
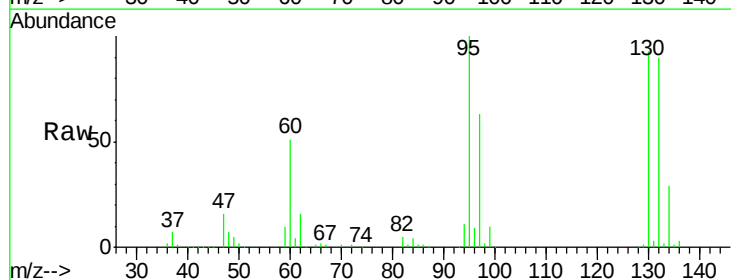
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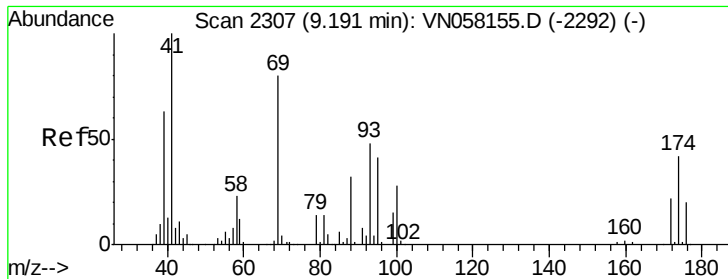
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#44
Trichloroethene
Concen: 127.594 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	577014		
95	107.3		0.0	207.8





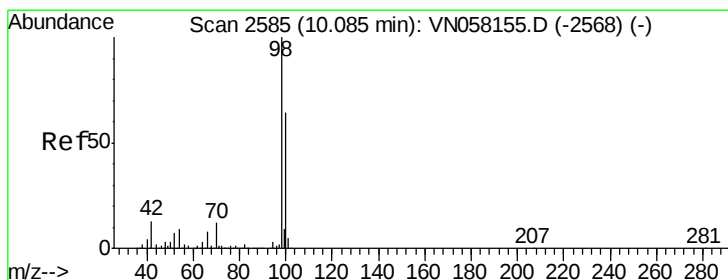
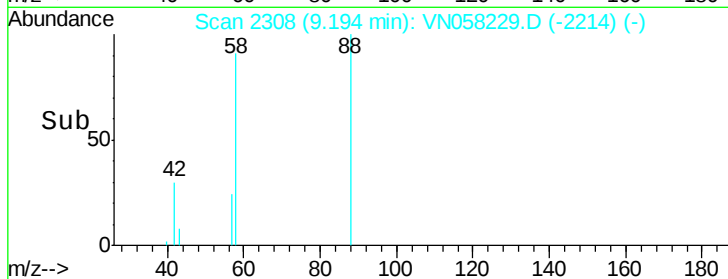
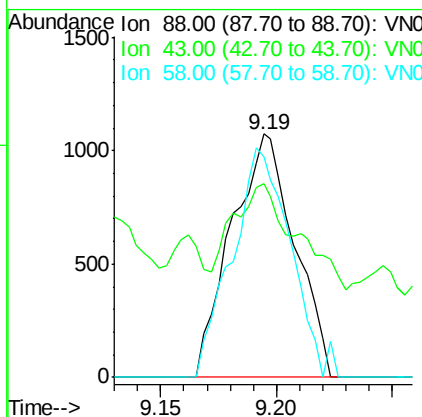
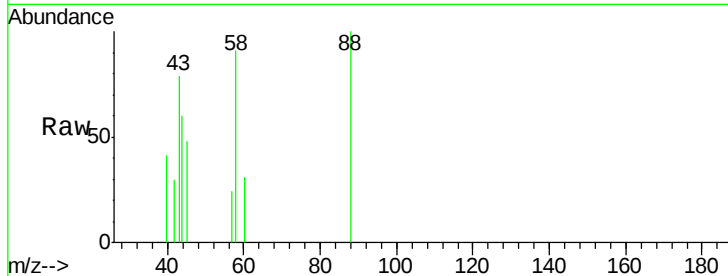
#49
1,4-Dioxane
Concen: 23.199 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20190916

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.9	27.8	41.8#
58	87.5	55.0	82.4#

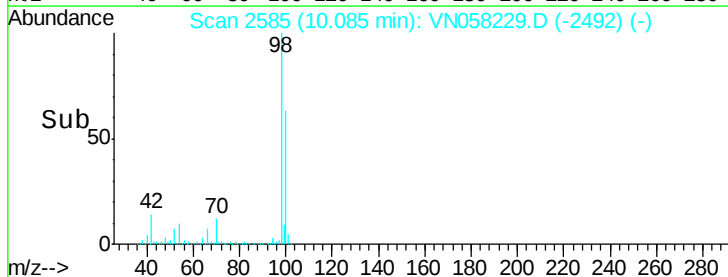
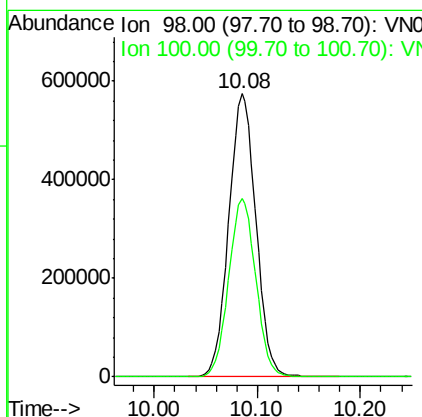
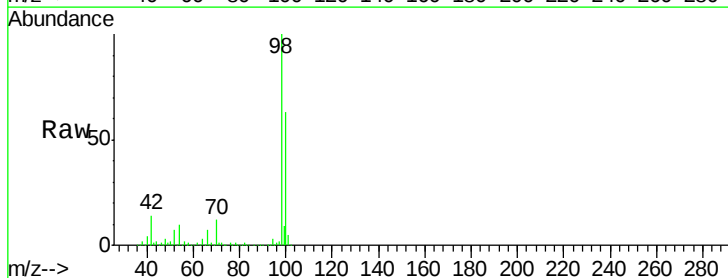
Manual Integrations
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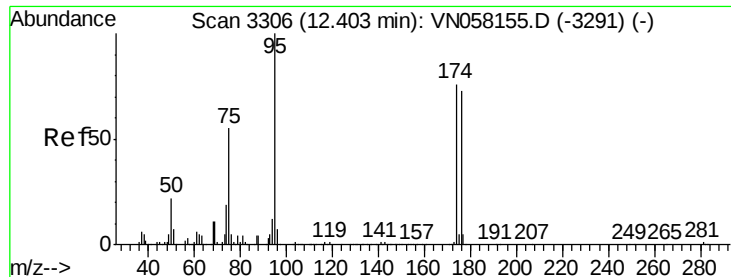
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#50
Toluene-d8
Concen: 53.149 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 45.928 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

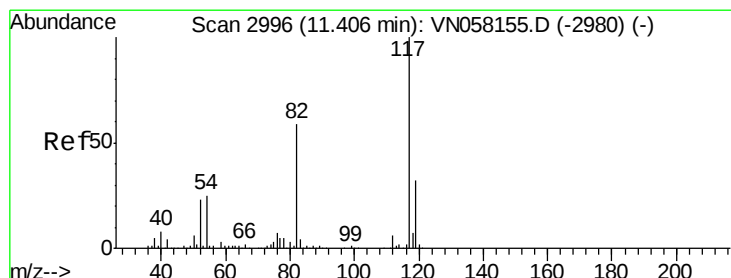
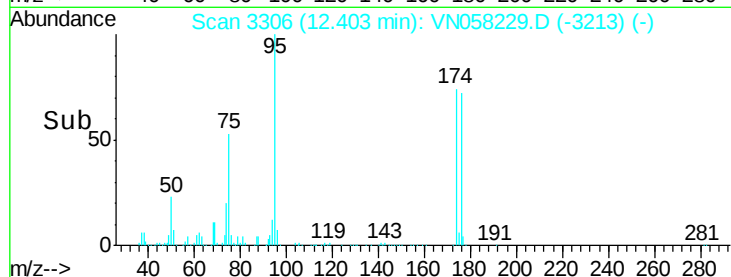
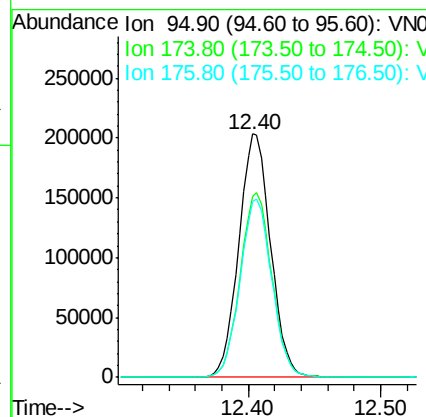
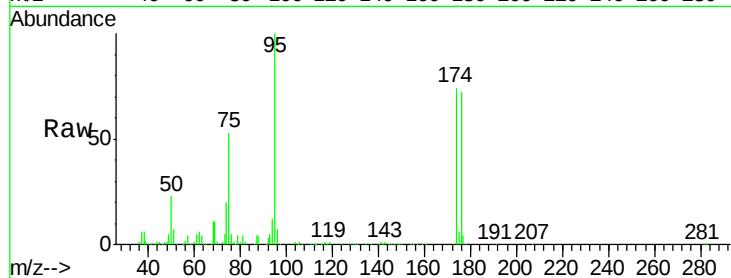
ClientSampleId :

RE134D3-20190916

Tot Ion:	95	Resp:	339031
Ion Ratio	Lower	Upper	
95	100		
174	75.7	0.0	152.2
176	73.4	0.0	148.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

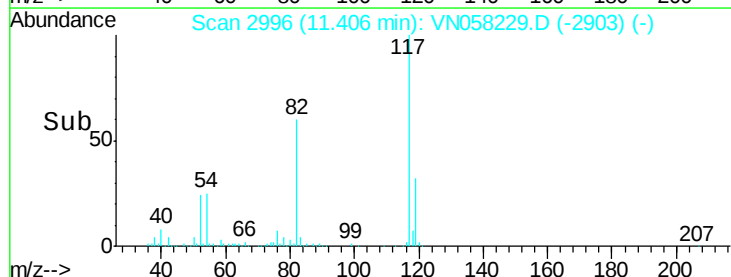
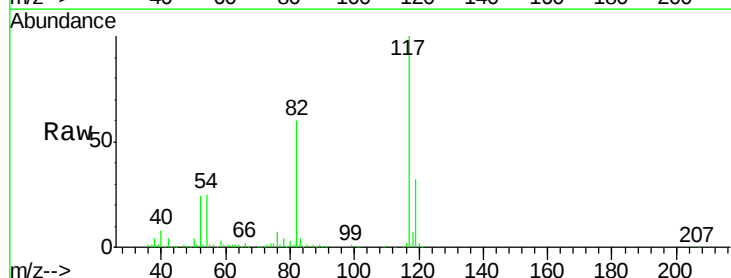
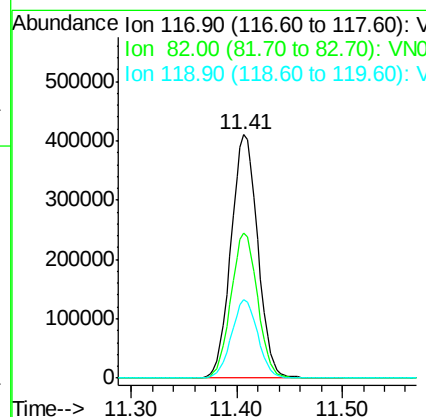
RT: 11.41 min Scan# 2996

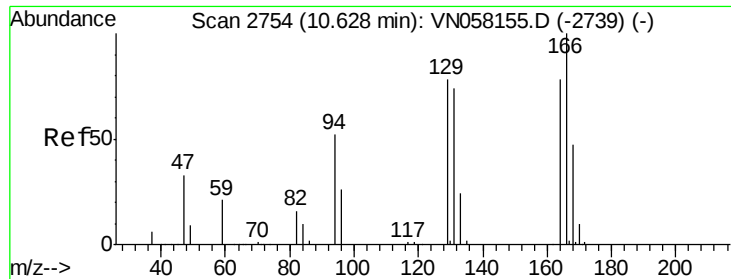
Delta R.T. -0.00 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Tgt Ion:	117	Resp:	718918
Ion Ratio	Lower	Upper	
117	100		
82	59.6	46.9	70.3
119	32.1	25.3	37.9





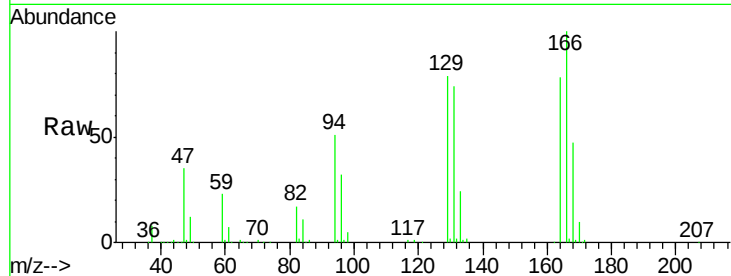
#64
Tetrachloroethene
Concen: 39.953 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20190916

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.8	140016	102.2	153.4
129	101.5		79.6	119.4
131	95.2		76.0	114.0

Manual Integrations
APPROVED

MMDadoda
9/20/2019 3:36:51 PM



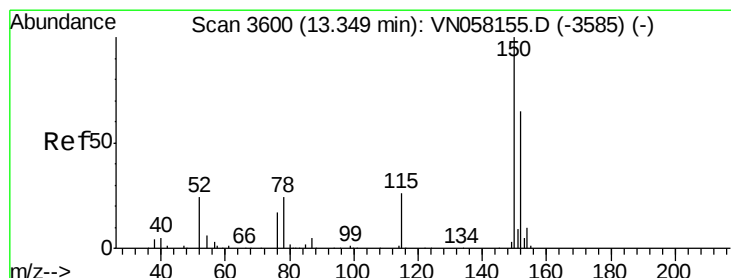
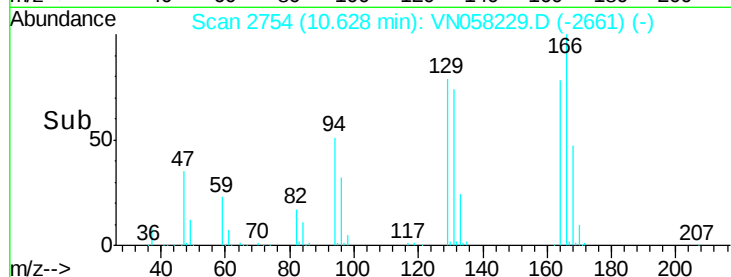
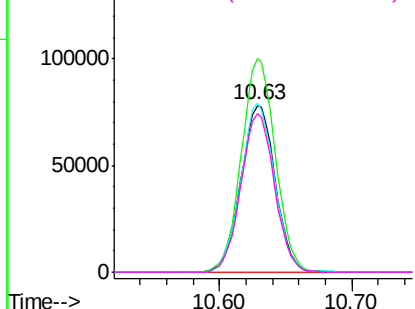
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	296625		
115	61.8		30.1	90.3
150	158.4		0.0	346.4

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

