

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060643.D
 Acq On : 19 Mar 2020 17:40
 Operator : JC/MD
 Sample : L1980-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIS-WASH-SLUDGE-PIT

Manual Integrations
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Quant Time: Mar 20 09:15:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.73	168	171122	50.00	ug/l	0.08
34) 1,4-Difluorobenzene	8.63	114	284617	50.00	ug/l	0.06
63) Chlorobenzene-d5	11.41	117	267157	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.34	152	124173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.08	65	110937	47.23	ug/l	0.08
Spiked Amount 50.000			Recovery	=	94.46%	
35) Dibromofluoromethane	7.66	113	87041	50.58	ug/l	0.10
Spiked Amount 50.000			Recovery	=	101.16%	
50) Toluene-d8	10.10	98	355660	50.59	ug/l	0.03
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.40	95	132121	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
Target Compounds						
16) Acetone	4.03	43	30139m	36.220	ug/l	Qvalue
20) Methylene Chloride	4.73	84	8878	4.337	ug/l	97
25) 2-Butanone	6.95	43	24471	18.174	ug/l	96
30) Chloroform	7.45	83	92976	25.842	ug/l	99
43) Isopropyl Acetate	8.22	43	47711	9.715	ug/l #	92
51) 4-Methyl-2-Pentanone	10.00	43	140242	50.182	ug/l	100
86) p-Isopropyltoluene	13.29	119	44204	5.576	ug/l	94

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

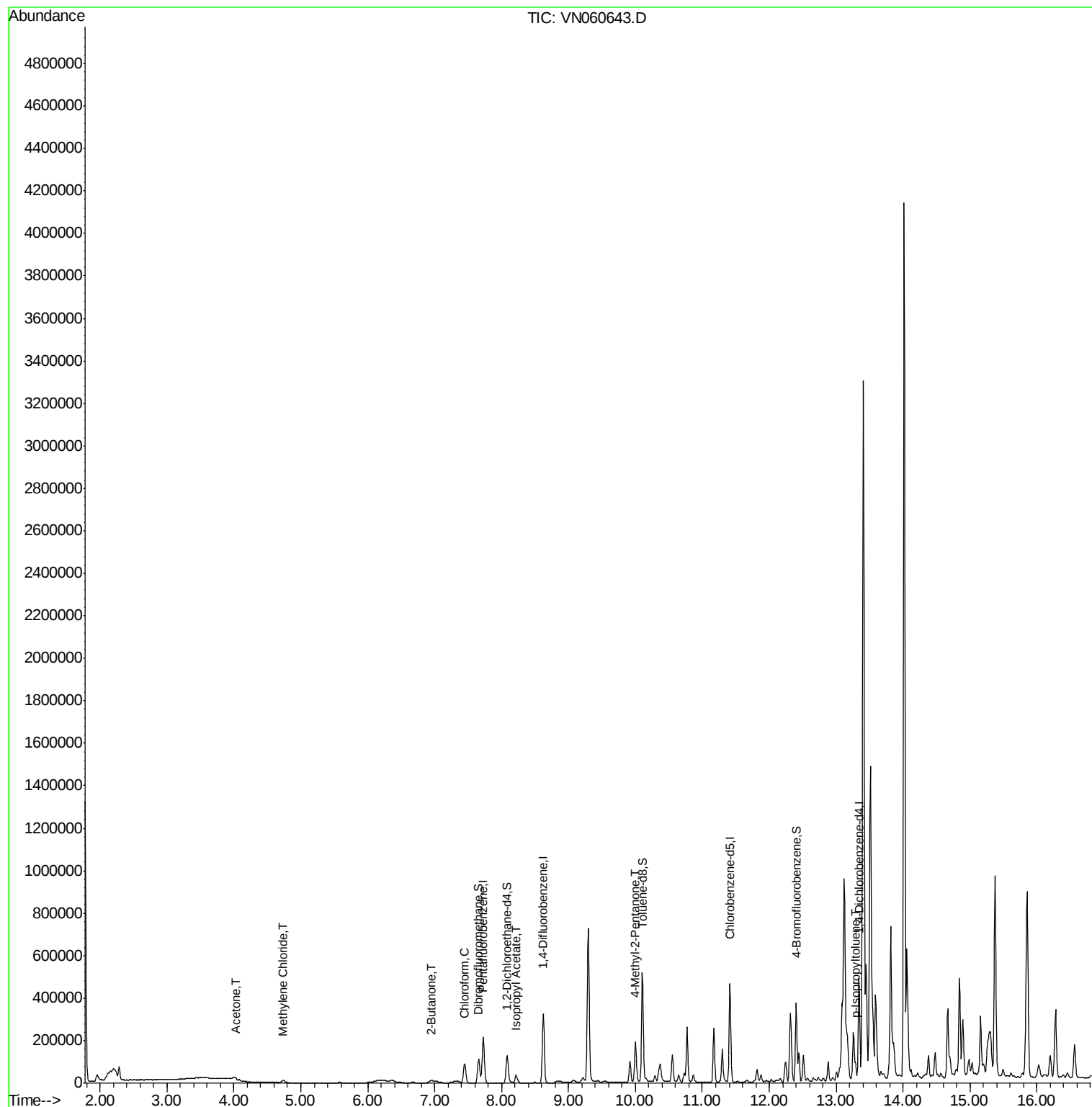
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.73 min Scan# 1852

Delta R.T. 0.08 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

ClientSampleId :

CHASSIS-WASH-SLUDGE-PIT

Tot Ion:168 Resp: 171122

Ion Ratio Lower Upper

168 100

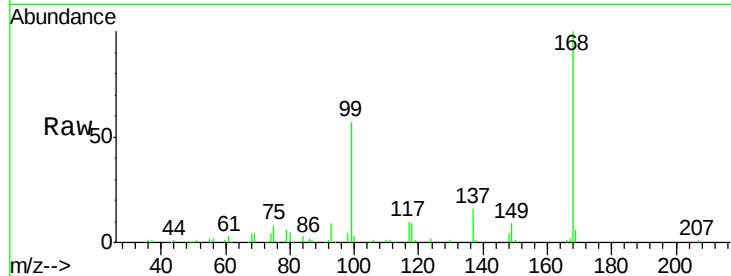
99 56.5 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.73

80000

60000

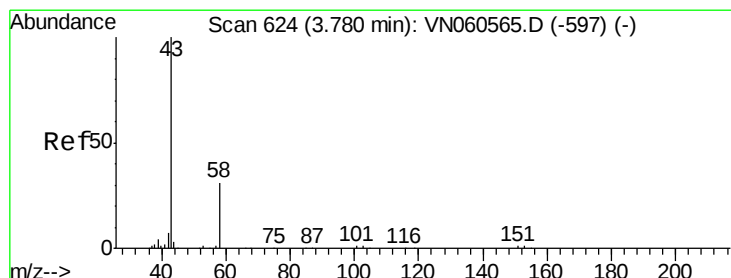
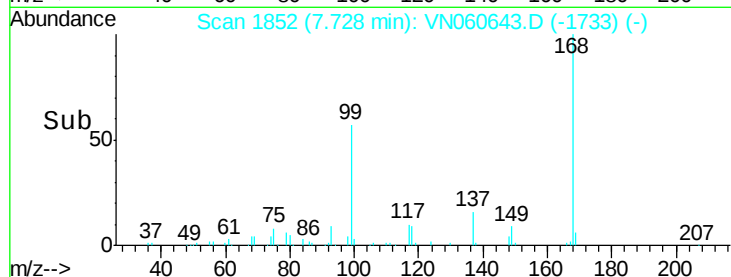
40000

20000

0

7.70 7.80

Time-->



#16

Acetone

Concen: 36.220 ug/l m

RT: 4.03 min Scan# 701

Delta R.T. 0.25 min

Lab File: VN060643.D

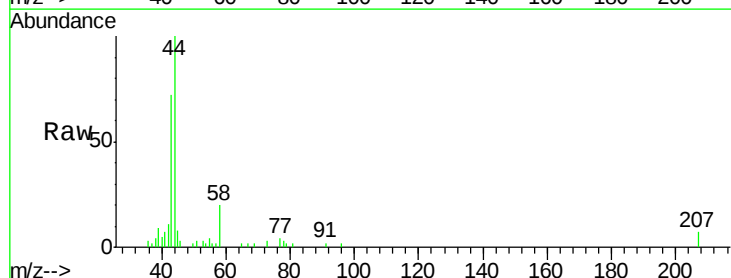
Acq: 19 Mar 2020 17:40

Tgt Ion: 43 Resp: 30139

Ion Ratio Lower Upper

43 100

58 27.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

4.03

6000

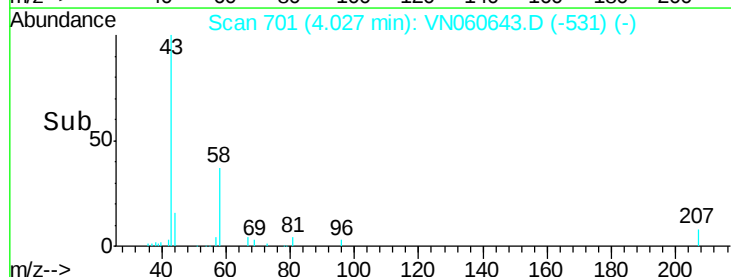
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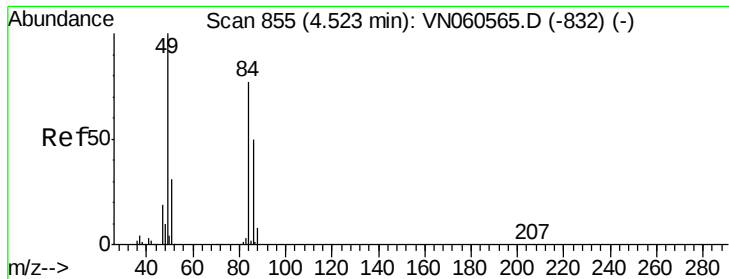
2000

0

3.90 4.00 4.10

Time-->





#20

Methvlene Chloride

Concen: 4.337 ug/l

RT: 4.73 min Scan# 921

Delta R.T. 0.21 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

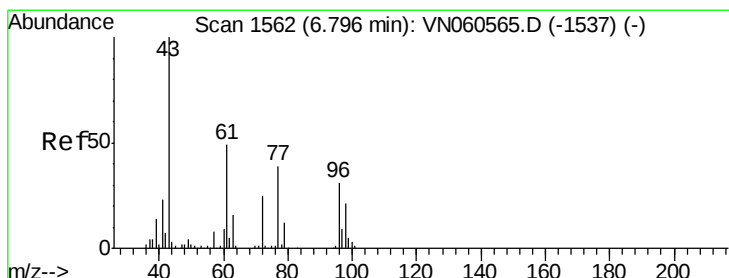
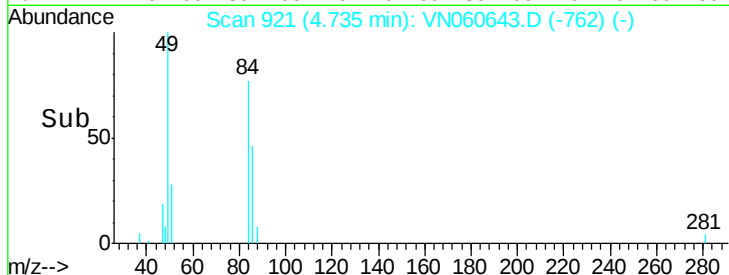
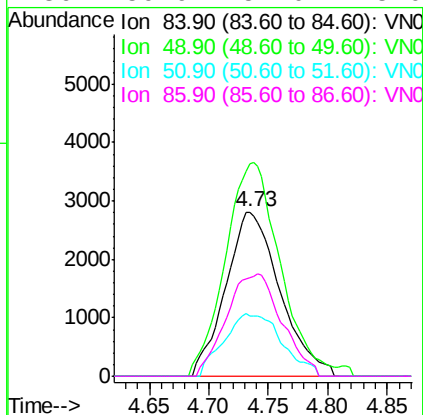
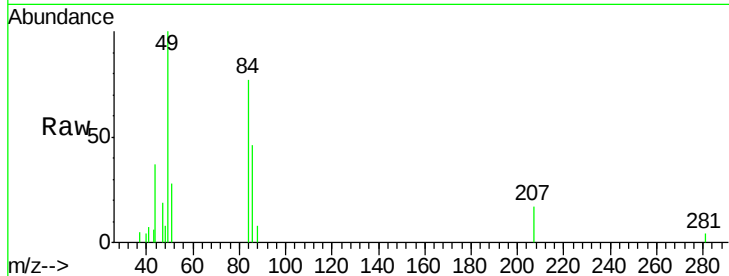
ClientSampleId :

CHASSIS-WASH-SLUDGE-PIT

Tot Ion:	84	Resp:	8878
Ion	Ratio	Lower	Upper
84	100		
49	129.7	103.3	154.9
51	36.9	31.6	47.4
86	59.9	52.0	78.0

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#25

2-Butanone

Concen: 18.174 ug/l

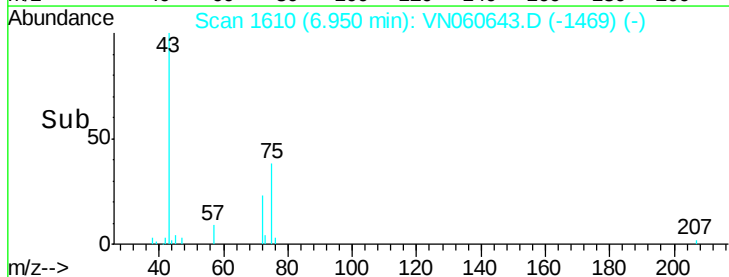
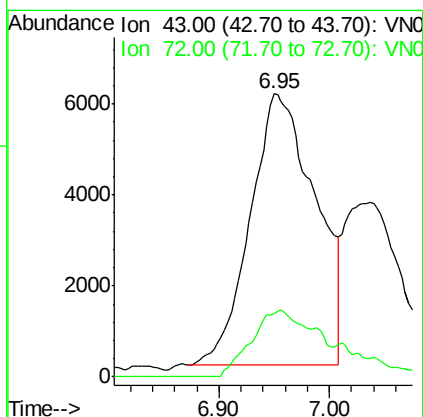
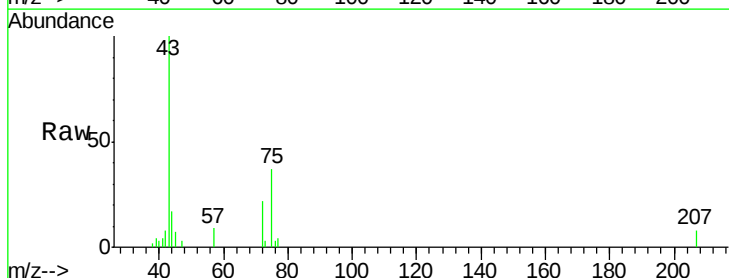
RT: 6.95 min Scan# 1610

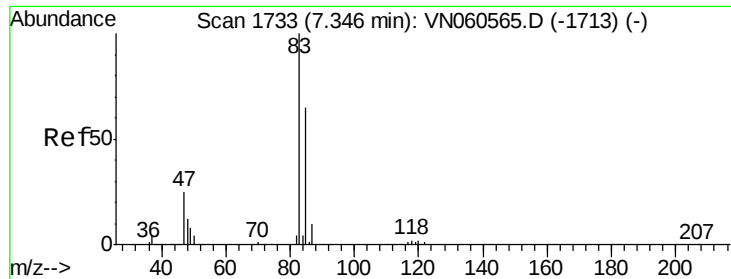
Delta R.T. 0.15 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Tgt Ion:	43	Resp:	24471
Ion	Ratio	Lower	Upper
43	100		
72	23.4	20.4	30.6





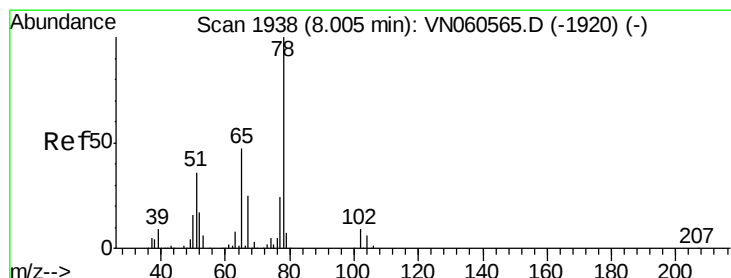
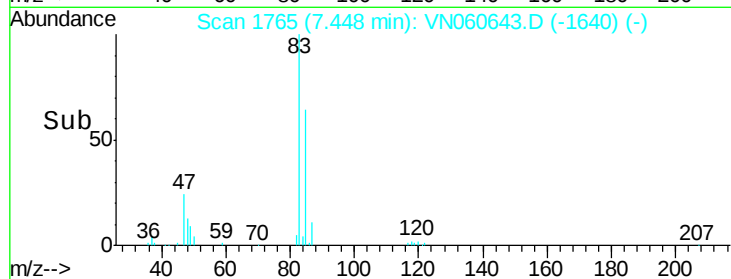
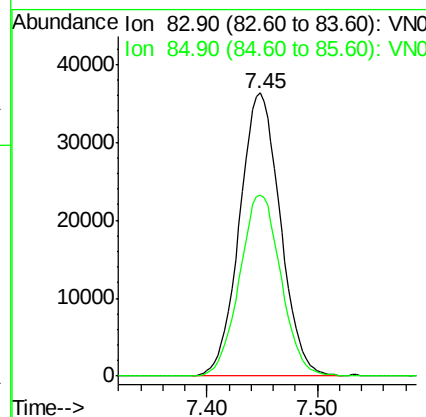
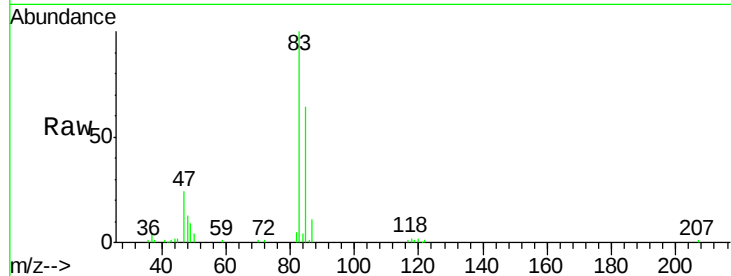
#30
Chloroform
Concen: 25.842 ug/l
RT: 7.45 min Scan# 1765
Delta R.T. 0.10 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-WASH-SLUDGE-PIT

Tot Ion	83	Resp	92976
Ion Ratio	100	Lower	Upper
85	63.9	51.8	77.8

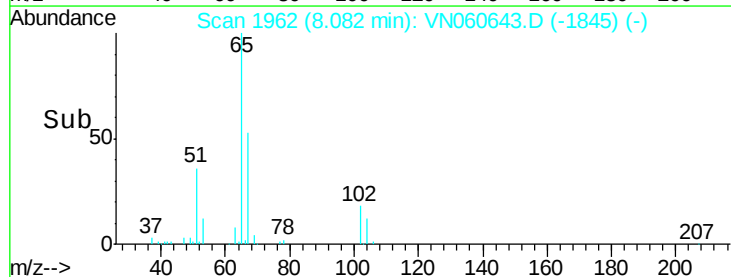
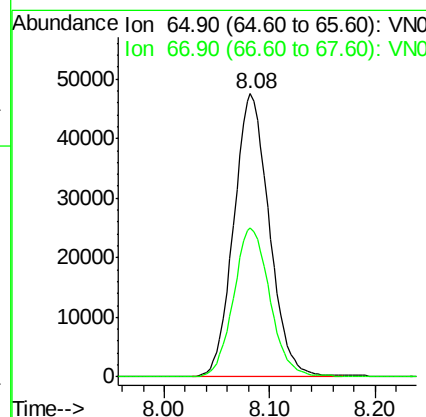
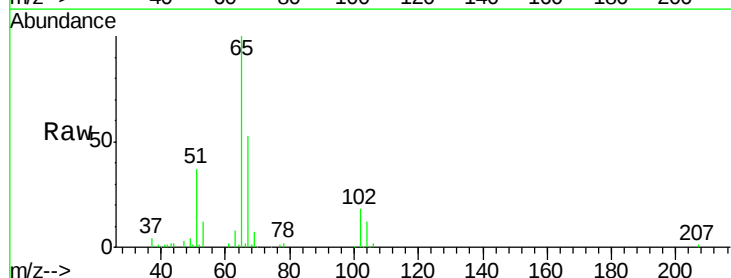
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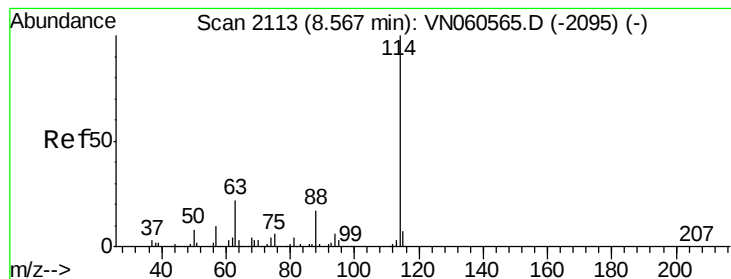
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#33
1,2-Dichloroethane-d4
Concen: 47.225 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. 0.08 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Tgt Ion	65	Resp	110937
Ion Ratio	100	Lower	Upper
67	53.7	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.63 min Scan# 2131

Delta R.T. 0.06 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

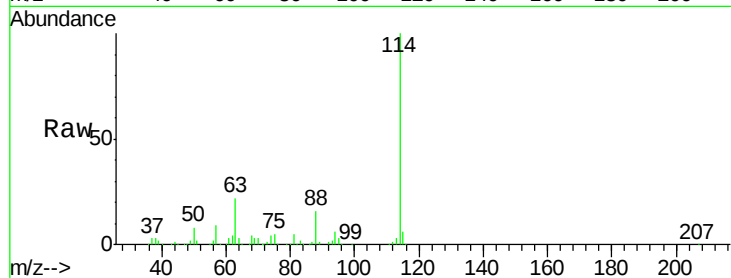
ClientSampleId :

CHASSIS-WASH-SLUDGE-PIT

Tot Ion:	114	Resp:	284617
Ion Ratio		Lower	Upper
114	100		
63	22.1	0.0	43.8
88	16.0	0.0	33.0

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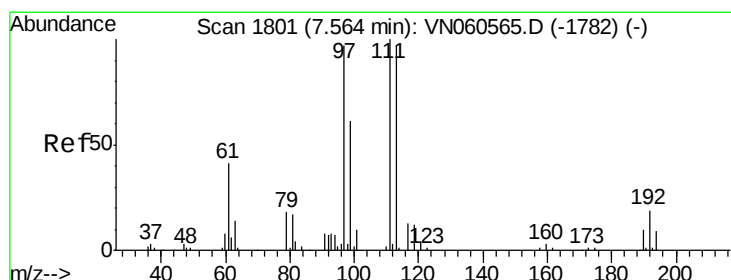
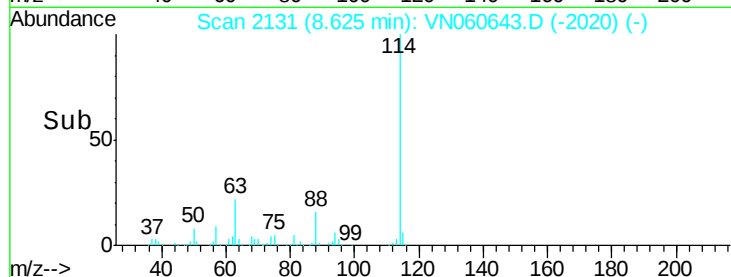
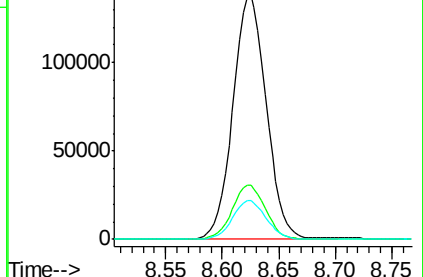
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.576 ug/l

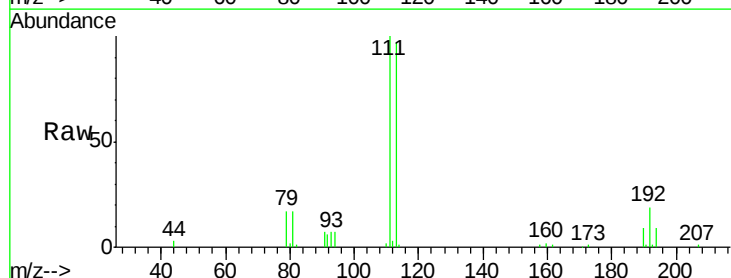
RT: 7.66 min Scan# 1831

Delta R.T. 0.10 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

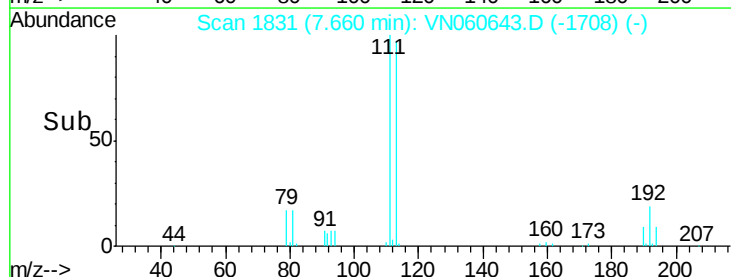
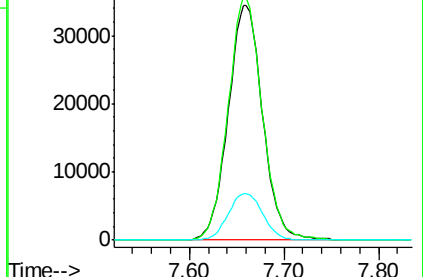
Tgt Ion:	113	Resp:	87041
Ion Ratio		Lower	Upper
113	100		
111	102.4	82.9	124.3
192	20.1	15.8	23.8

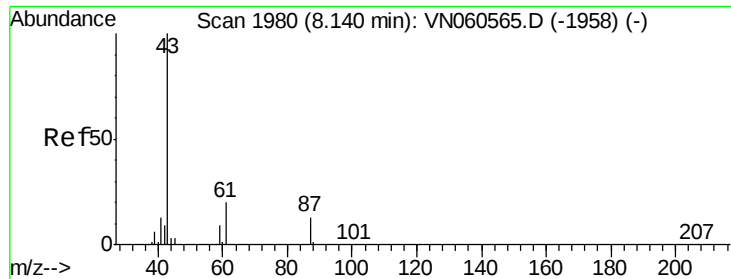


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.715 ug/l

RT: 8.22 min Scan# 2004

Delta R.T. 0.08 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Instrument :

MSVOA_N

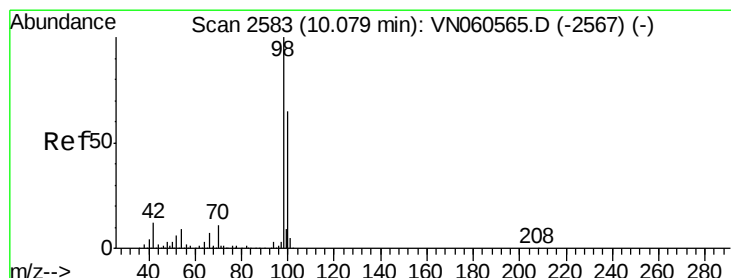
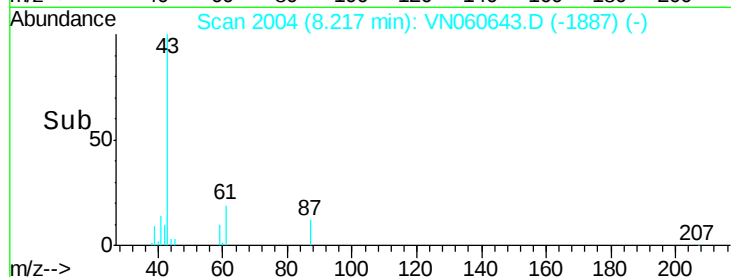
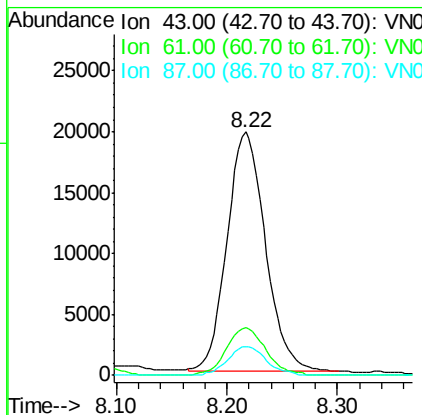
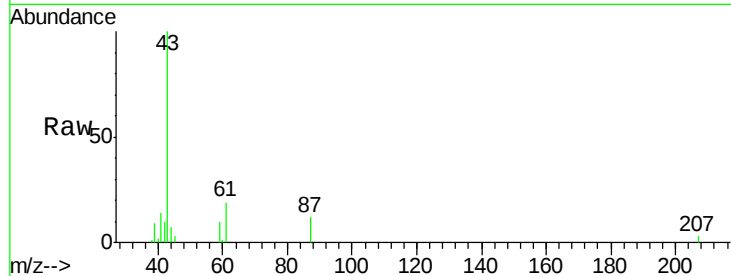
ClientSampleId :

CHASSIS-WASH-SLUDGE-PIT

Tot Ion:	43	Resp:	47711
Ion	Ratio	Lower	Upper
43	100		
61	20.4	20.7	31.1#
87	12.0	9.8	14.8

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#50

Toluene-d8

Concen: 50.595 ug/l

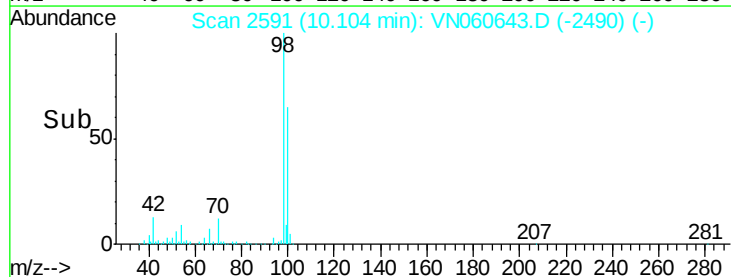
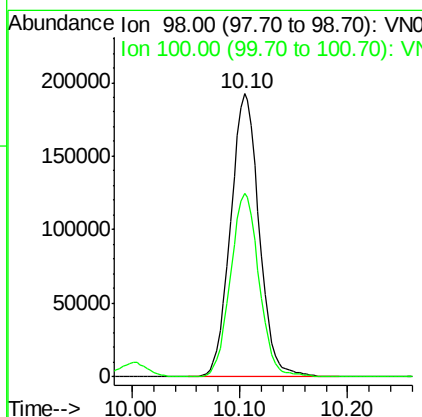
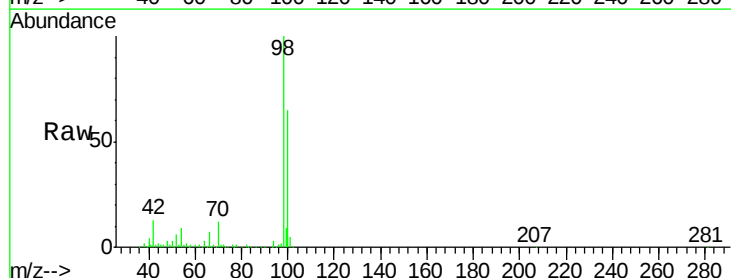
RT: 10.10 min Scan# 2591

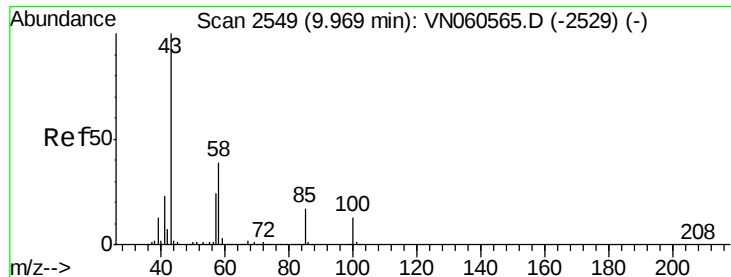
Delta R.T. 0.03 min

Lab File: VN060643.D

Acq: 19 Mar 2020 17:40

Tgt Ion:	98	Resp:	355660
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.8	77.8





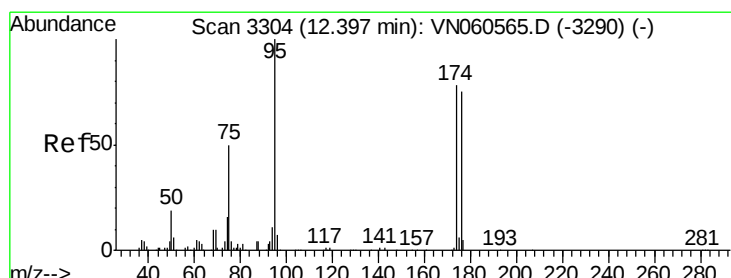
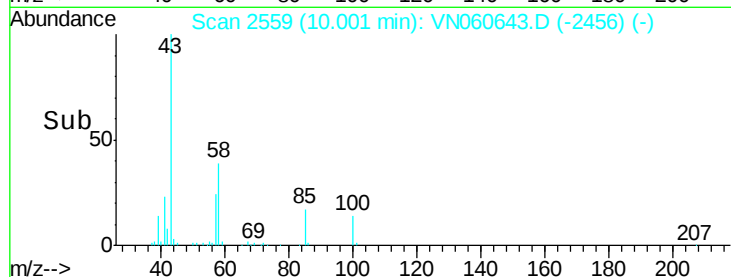
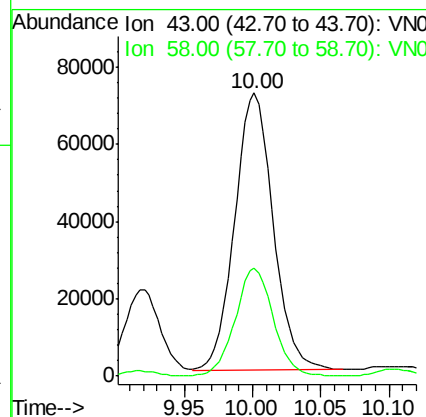
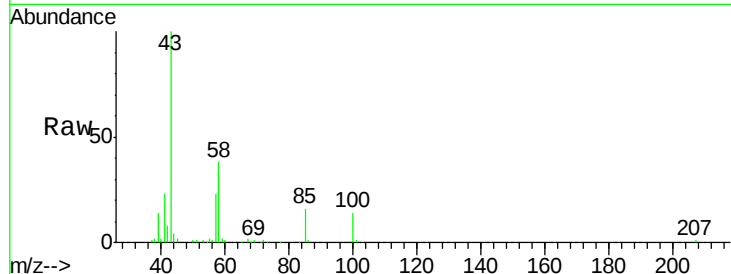
#51
4-Methyl-2-Pentanone
Concen: 50.182 ug/l
RT: 10.00 min Scan# 2559
Delta R.T. 0.03 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-WASH-SLUDGE-PIT

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.8	30.8	46.2

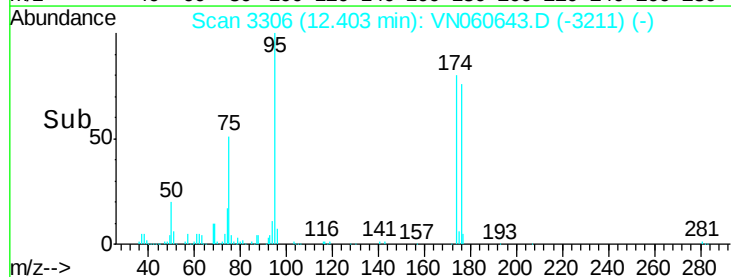
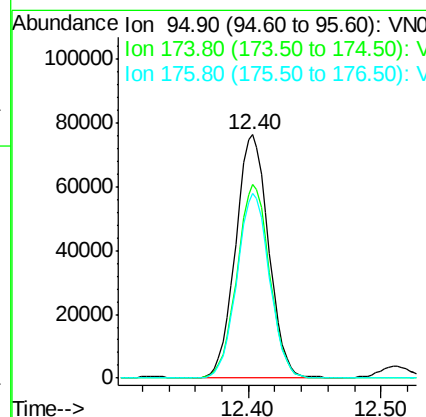
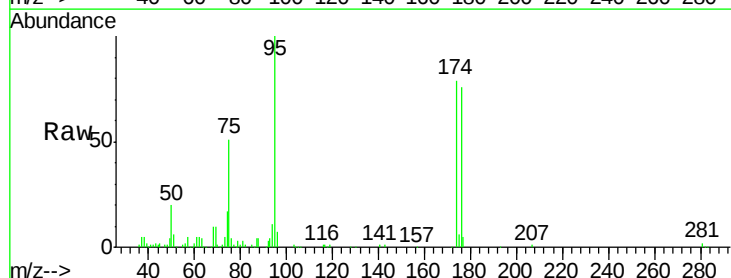
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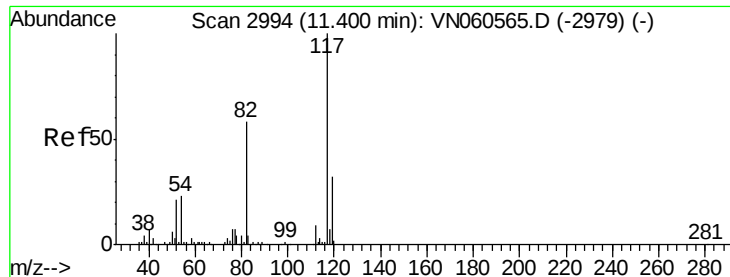
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#62
4-Bromofluorobenzene
Concen: 51.284 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.01 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	157.6
176	74.6	0.0	150.6





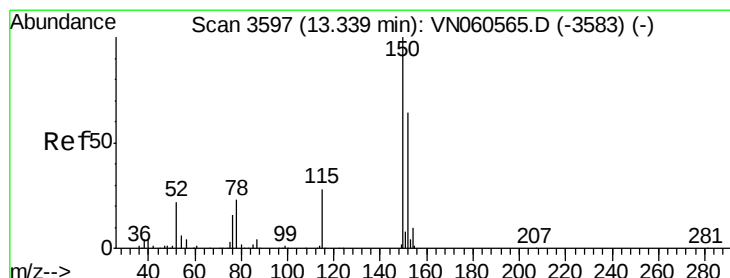
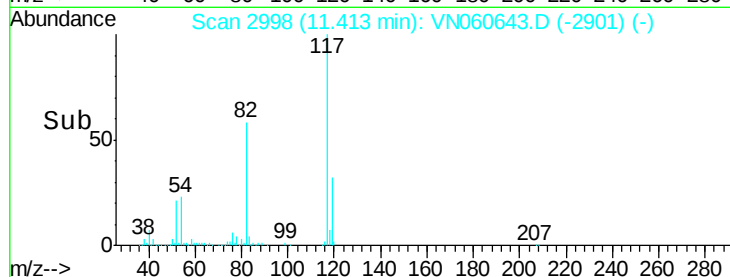
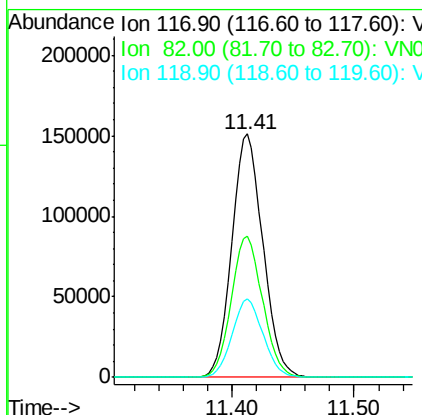
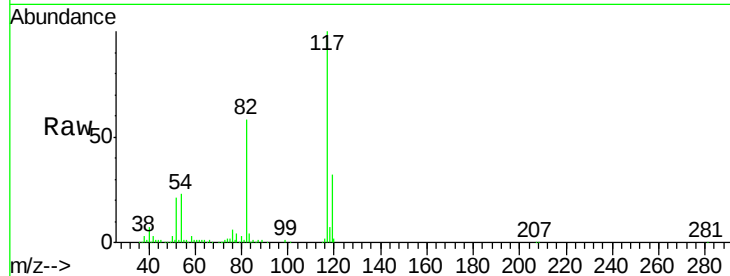
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2998
Delta R.T. 0.01 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-WASH-SLUDGE-PIT

Tot Ion	Ratio	Resp	Lower	Upper
117	100	267157		
82	57.8	46.7	70.1	
119	32.0	25.5	38.3	

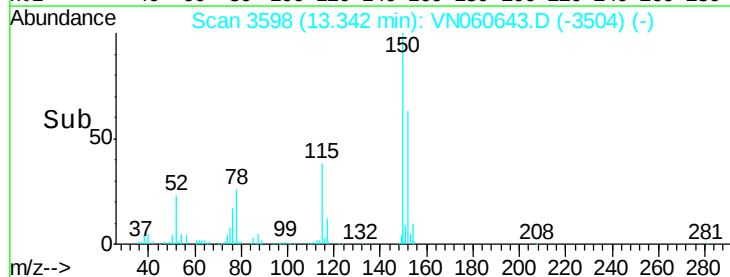
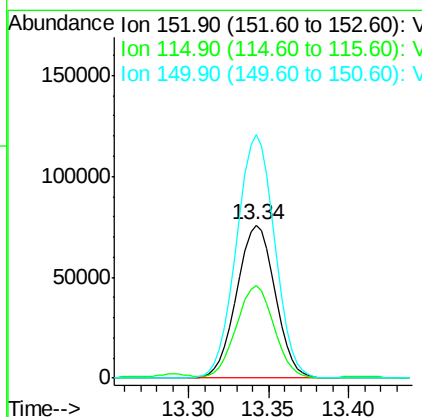
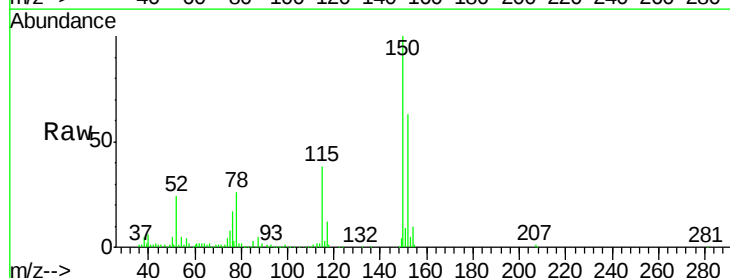
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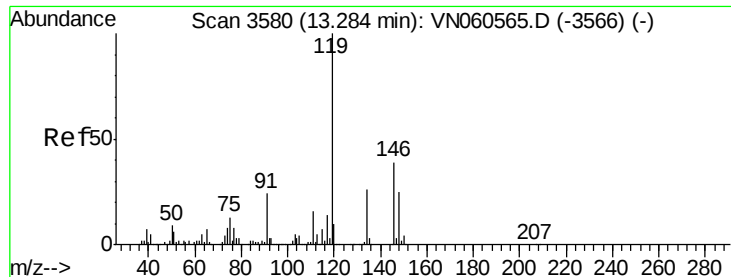
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060643.D
Acq: 19 Mar 2020 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	124173		
115	59.6	30.2	90.6	
150	158.2	0.0	350.2	





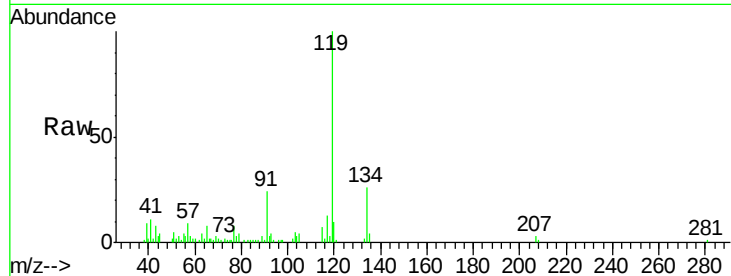
#86
 p-Isopropyltoluene
 Concen: 5.576 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.01 min
 Lab File: VN060643.D
 Acq: 19 Mar 2020 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIS-WASH-SLUDGE-PIT

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.0	39.0
91	18.3	12.0	36.0

Manual Integrations
 APPROVED

MMDadoda
 3/20/2020 12:05:37 PM



Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

