Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062618\
Data File : VN049554.D
Acq On : 26 Jun 2018 15:57
Operator : MD\SY
Sample : J3677-13
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION-COM

Manual Integrations APPROVED
MMDadoda
6/27/2018 5:29:45 PM

Quant Time: Jun 27 01:37:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1325010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2049101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1697721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	717580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	835337	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.06%		
35) Dibromofluoromethane	7.59	113	748692	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.32%		
50) Toluene-d8	10.09	98	2770739	43.89	ug/l	0.00
Spiked Amount 50.000			Recovery =	87.78%		
62) 4-Bromofluorobenzene	12.40	95	833397	39.93	ug/l	0.00
Spiked Amount 50.000			Recovery =	79.86%		
Target Compounds						Qvalue
16) Acetone	3.82	43	193155	45.27	ug/l	90
18) Methyl Acetate	4.33	43	307926	23.67	ug/l	94
20) Methylene Chloride	4.54	84	29953502m	1680.76	ug/l	
25) 2-Butanone	6.84	43	21818	3.81	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	13932	1.09	ug/l	91
95) Naphthalene	15.14	128	434698	22.67	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062618\
Data File : VN049554.D
Acq On : 26 Jun 2018 15:57
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Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION-COM

Manual Integrations APPROVED
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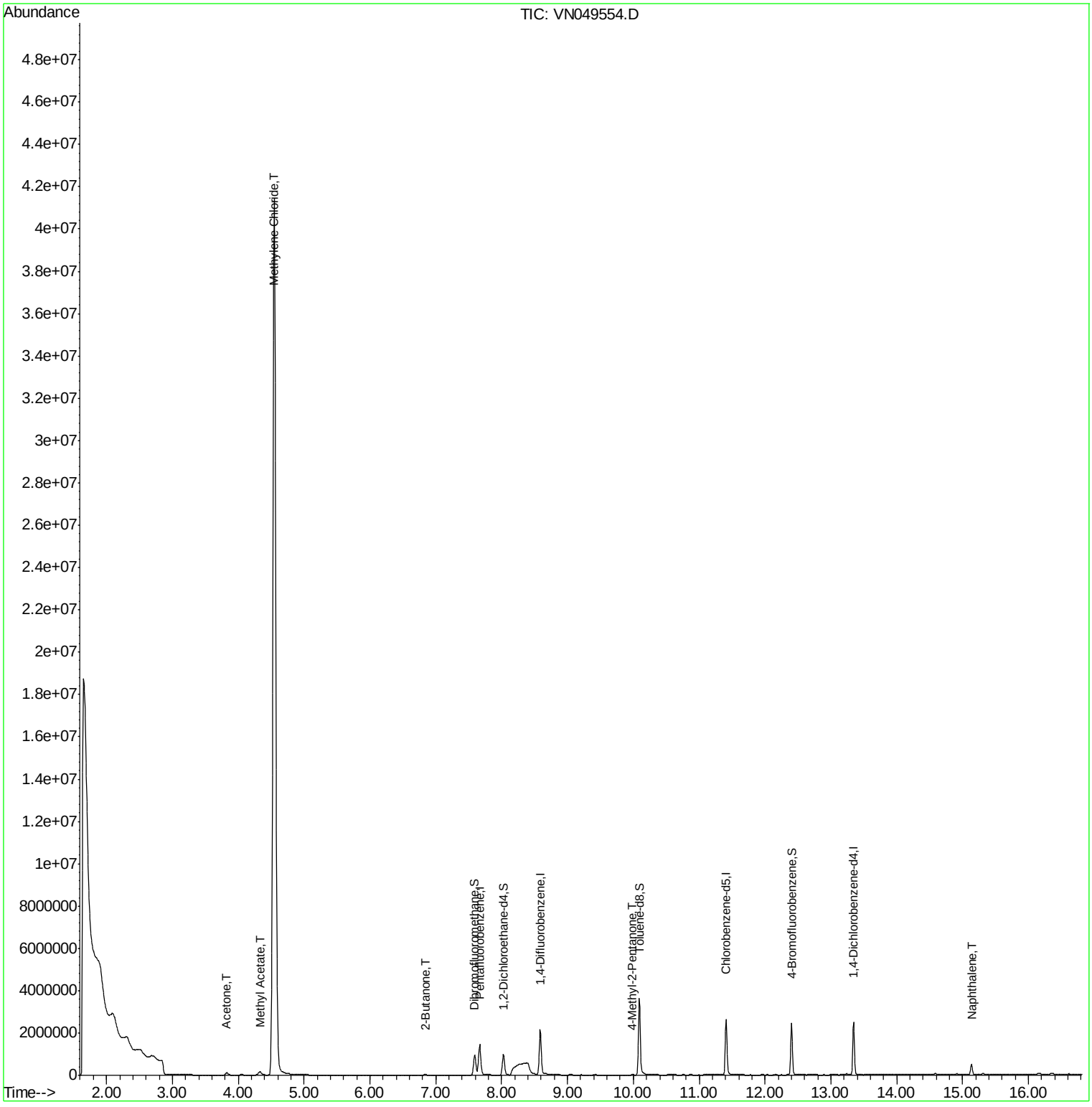
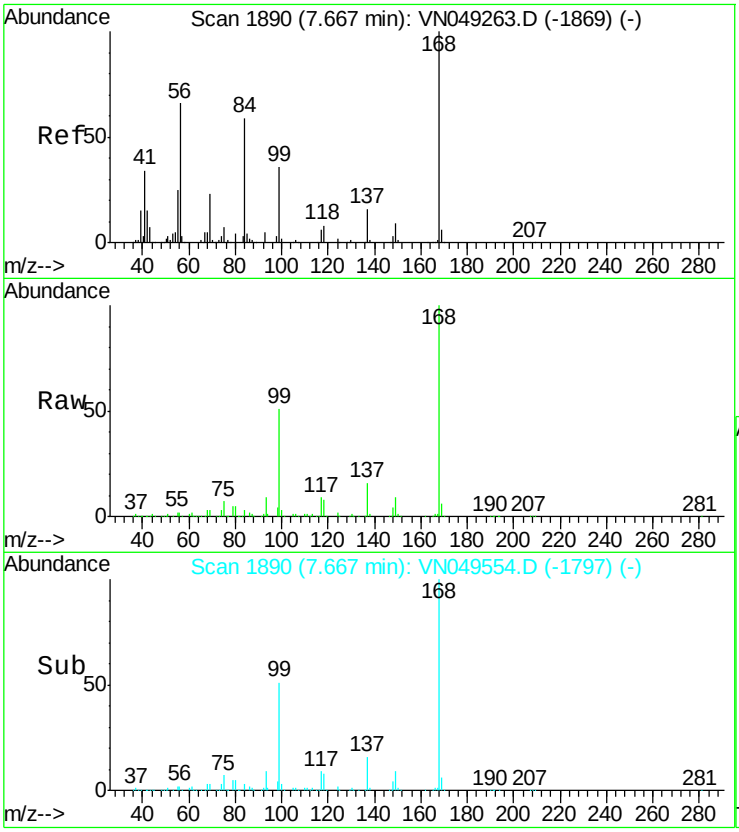
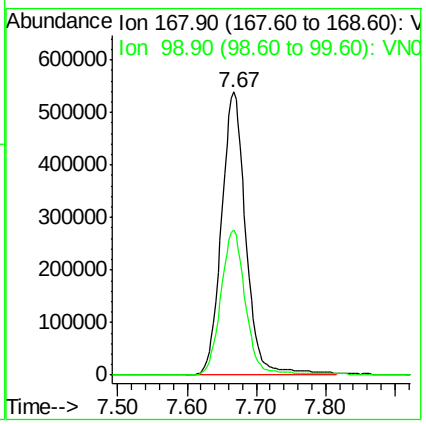




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion:168 Resp: 1325010

Ion	Ratio	Lower	Upper
168	100		
99	51.1	45.8	68.6



Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION-COM

Manual Integrations APPROVED
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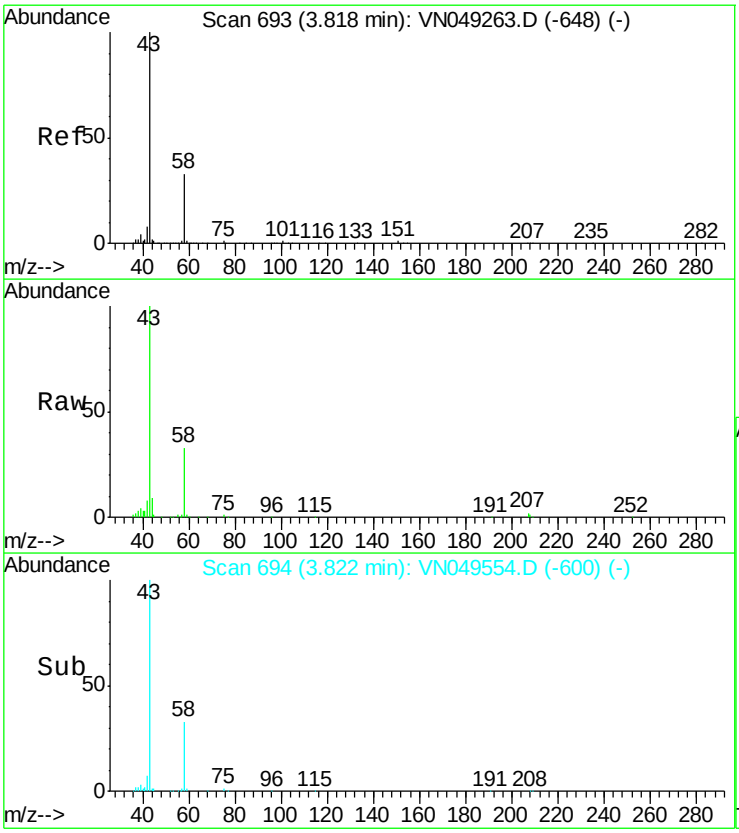
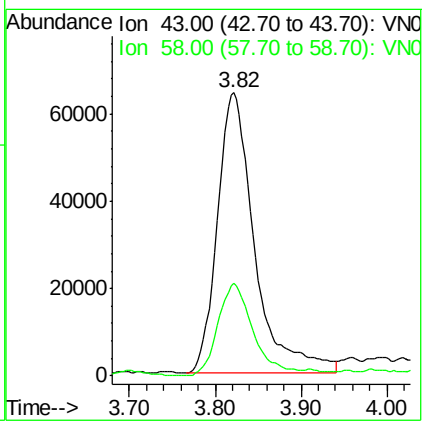
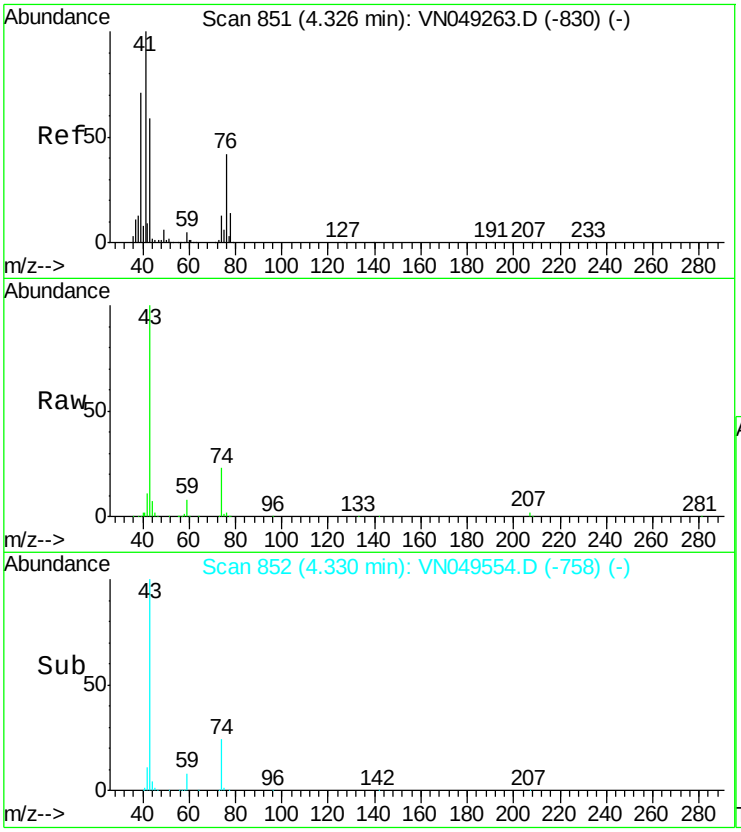


#16
Acetone
Concen: 45.27 ug/l
RT: 3.82 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 43 Resp: 193155

Ion	Ratio	Lower	Upper
43	100		
58	33.1	22.4	33.6

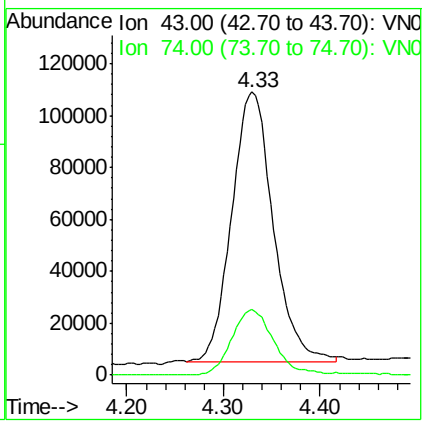




#18
Methyl Acetate
Concen: 23.67 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 43 Resp: 307926

Ion	Ratio	Lower	Upper
43	100		
74	24.7	17.4	26.0



Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION-COM

Manual Integrations APPROVED
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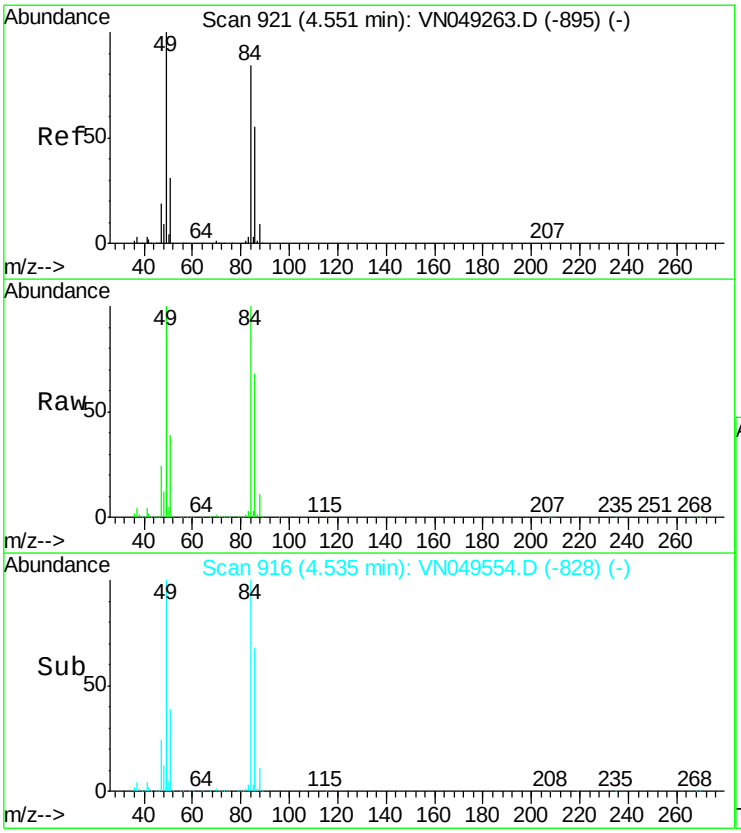
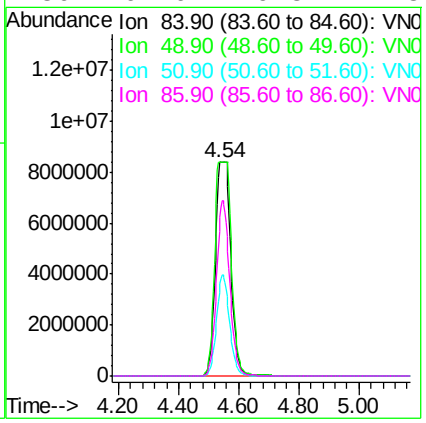
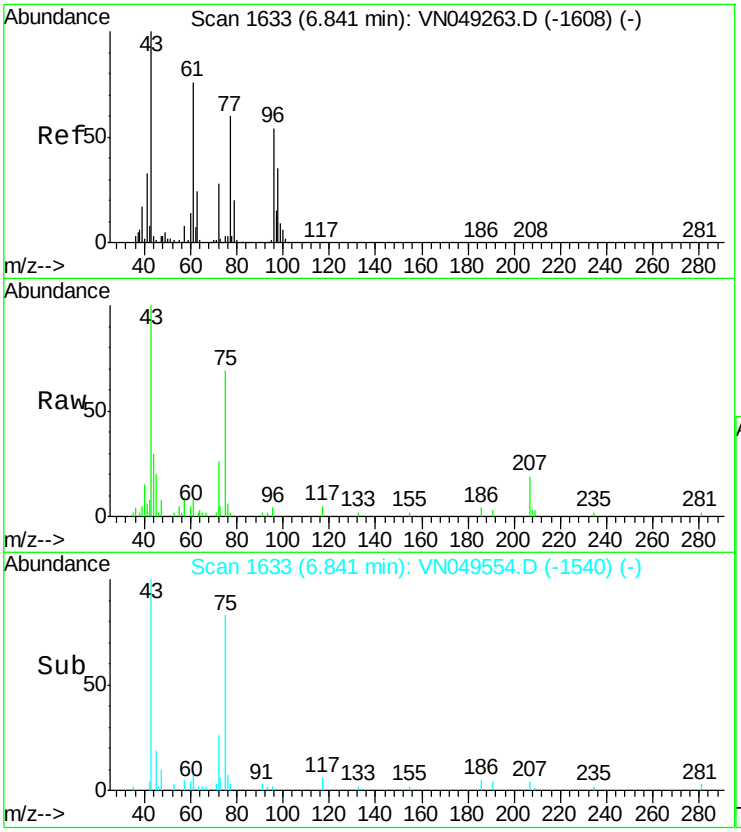


#20
Methylene Chloride
Concen: 1680.76 ug/l m
RT: 4.54 min Scan# 916
Delta R.T. -0.02 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 84 Resp:29953502

Ion	Ratio	Lower	Upper
84	100		
49	100.0	106.9	160.3#
51	39.2	32.7	49.1
86	67.6	49.8	74.8

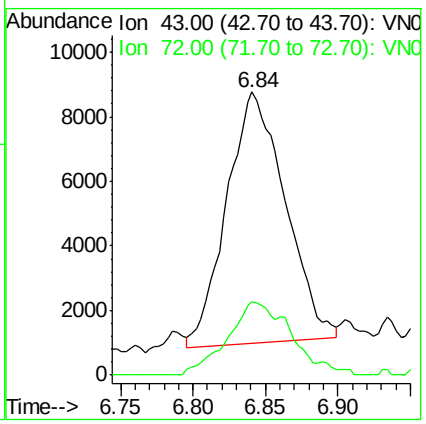




#25
2-Butanone
Concen: 3.81 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 43 Resp: 21818

Ion	Ratio	Lower	Upper
43	100		
72	27.6	20.2	30.2



Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION-COM

Manual Integrations APPROVED
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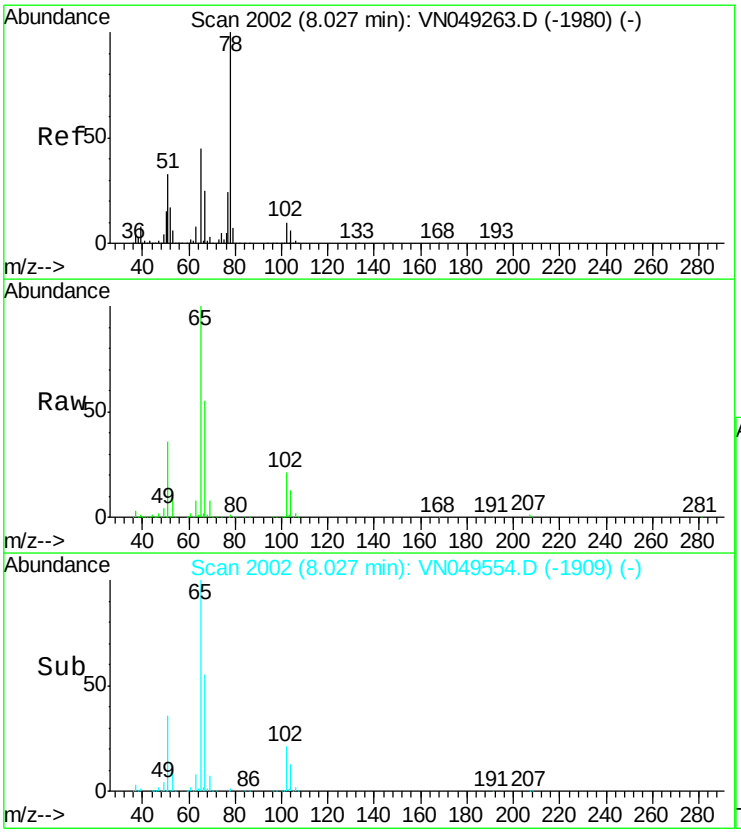
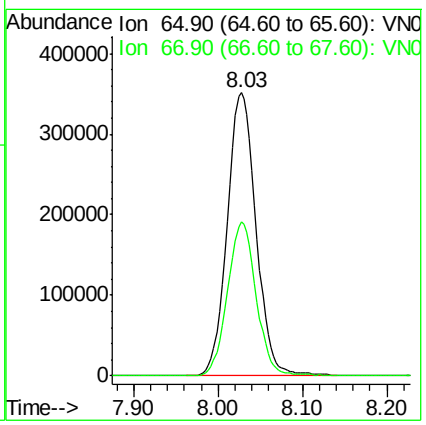
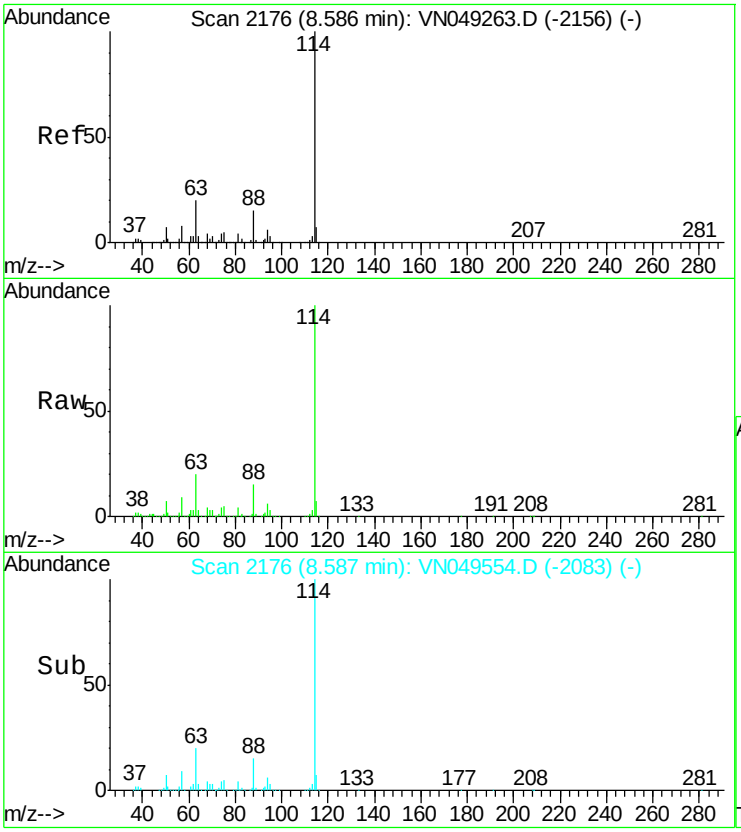


#33
1,2-Dichloroethane-d4
Concen: 47.53 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 65 Resp: 835337

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	103.8

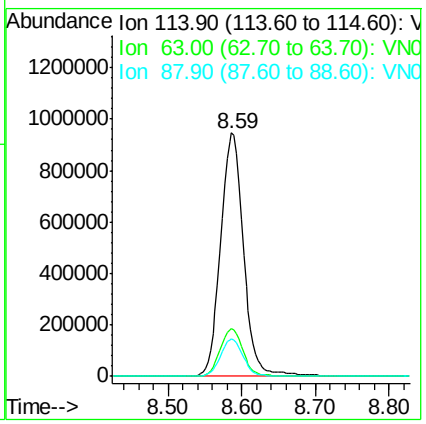




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion:114 Resp: 2049101

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	44.4
88	15.4	0.0	31.4



Instrument :
MSVOA_N
ClientSampleId :
WASTE-CHARACTERIZATION-COM

Manual Integrations APPROVED
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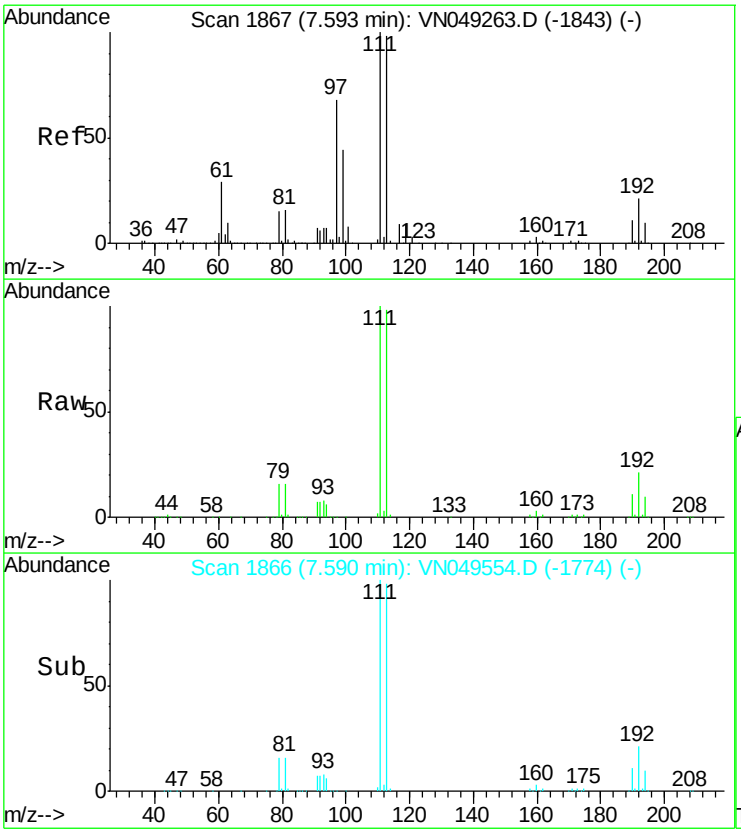
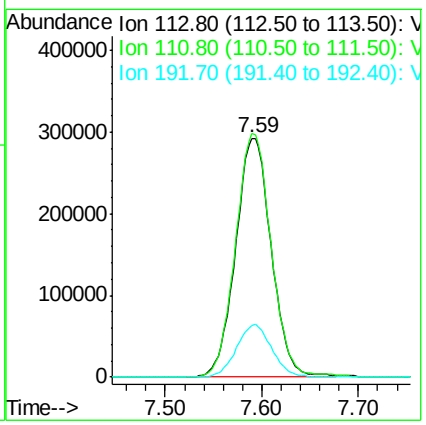
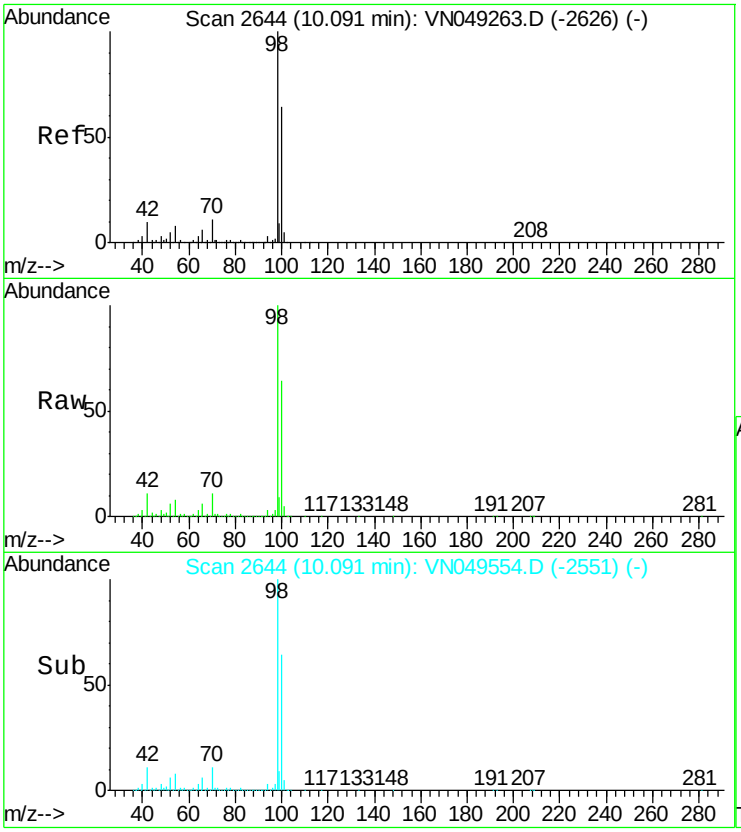


#35
Dibromofluoromethane
Concen: 45.16 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion:113 Resp: 748692

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	21.7	15.0	22.6





#50
Toluene-d8
Concen: 43.89 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 98 Resp: 2770739

Ion	Ratio	Lower	Upper
98	100		
100	64.0	49.8	74.8

Instrument :
MSVOA_N
ClientSampleId :
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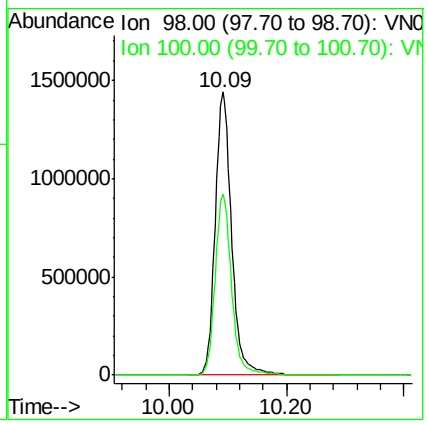
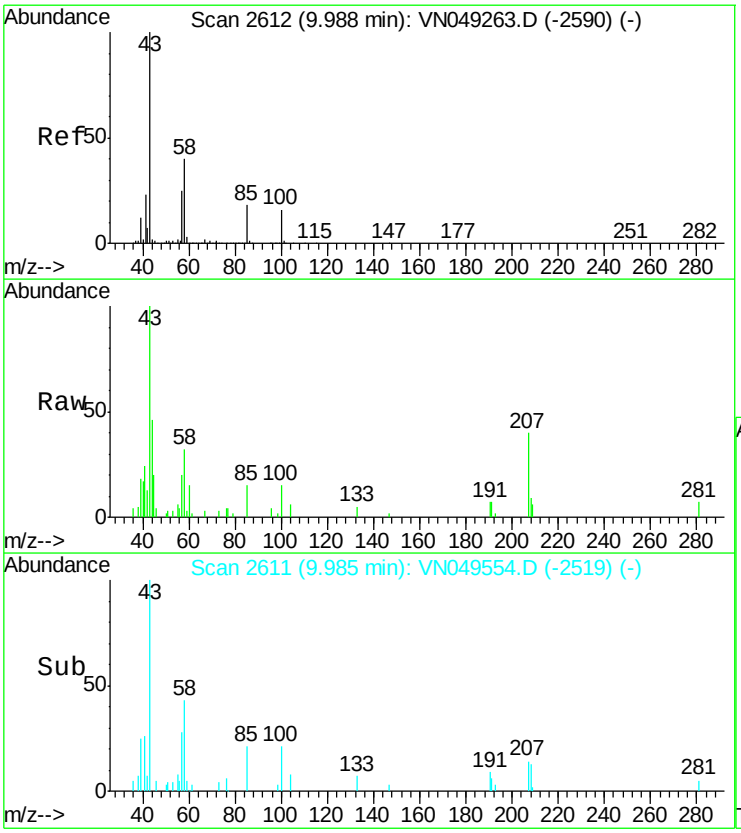
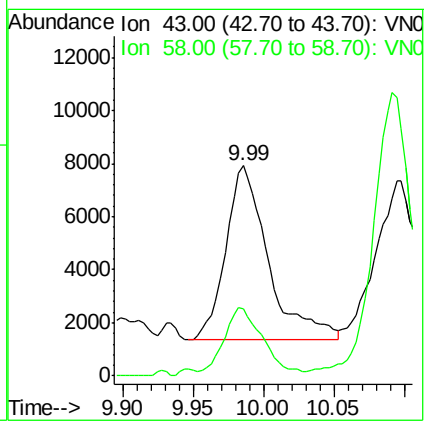


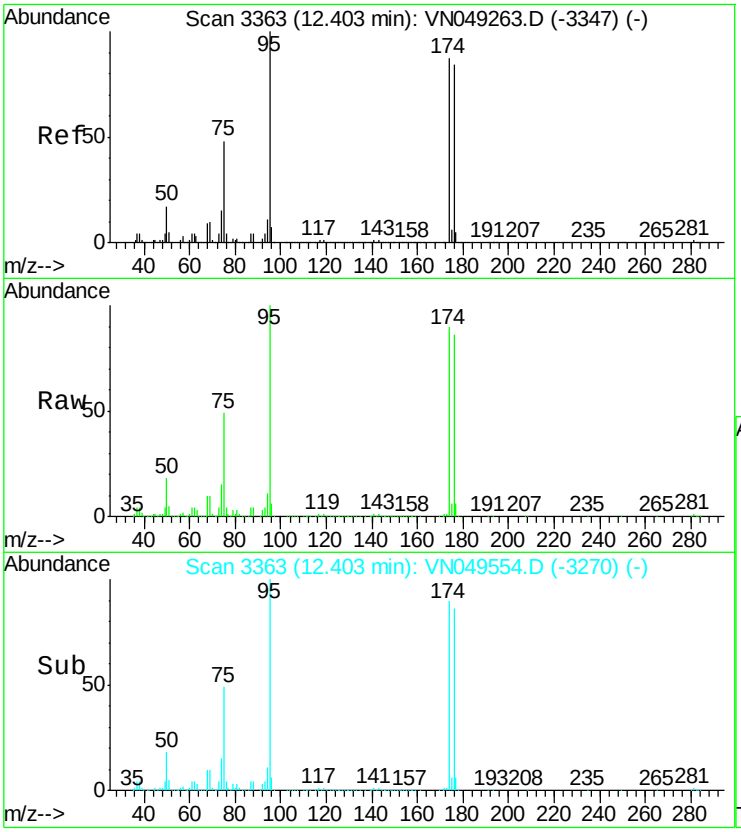


#51
4-Methyl-2-Pentanone
Concen: 1.09 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 43 Resp: 13932

Ion	Ratio	Lower	Upper
43	100		
58	30.9	29.0	43.6





#62
4-Bromofluorobenzene
Concen: 39.93 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion: 95 Resp: 833397

Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	165.6
176	85.9	0.0	157.4

Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations APPROVED
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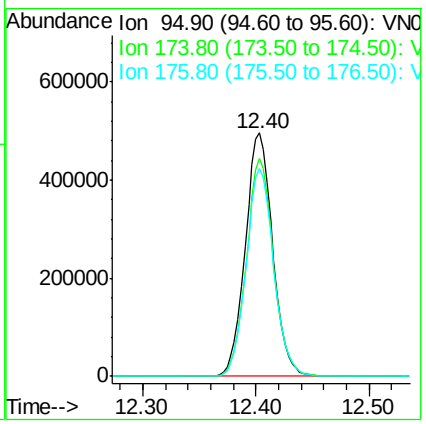
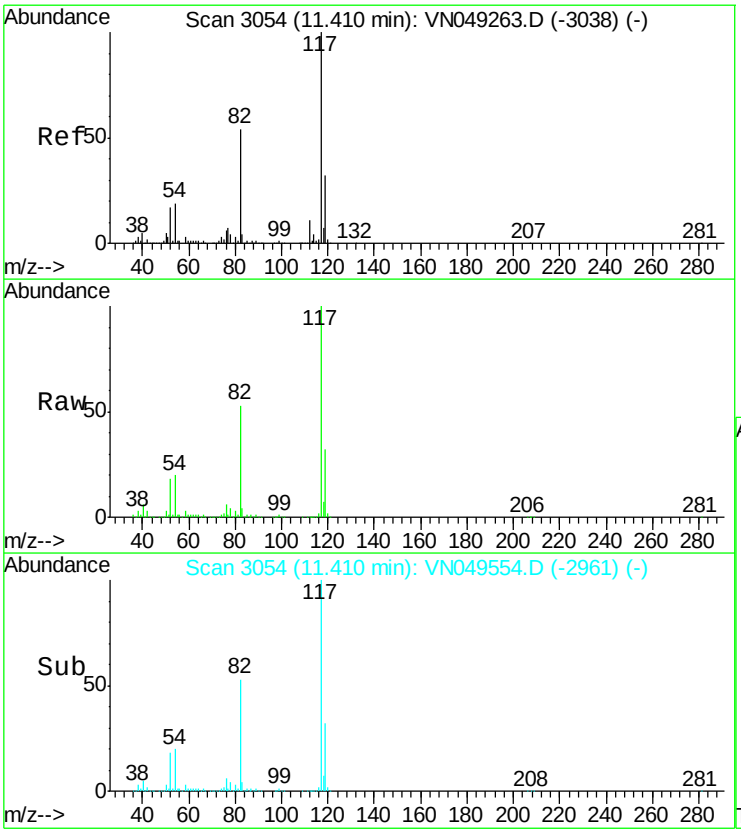
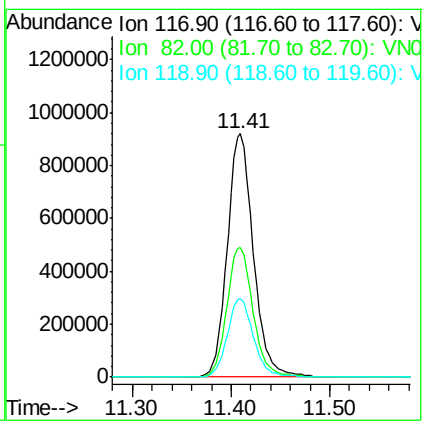


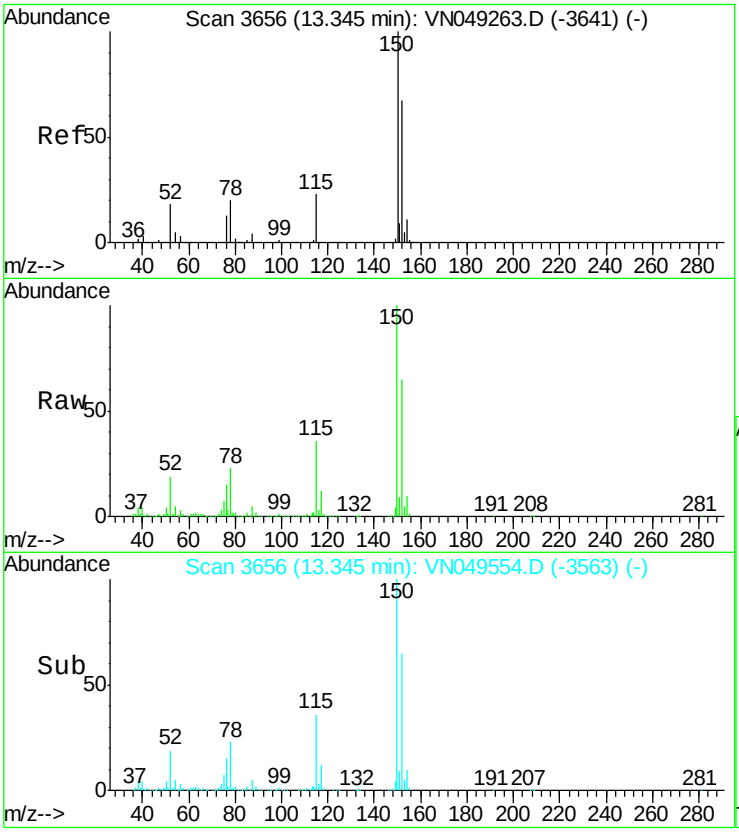


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion:117 Resp: 1697721

Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.9	68.9
119	32.2	25.5	38.3

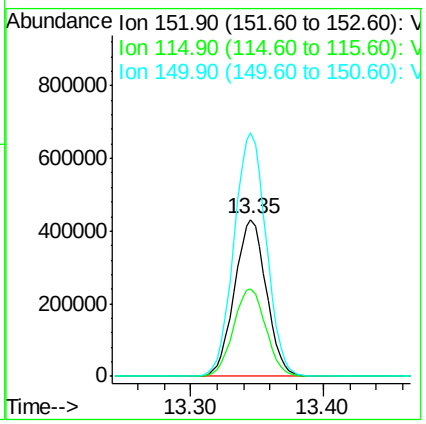




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion:152 Resp: 717580

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.7	86.1
150	157.0	0.0	351.0



Instrument :
MSVOA_N
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Manual Integrations APPROVED
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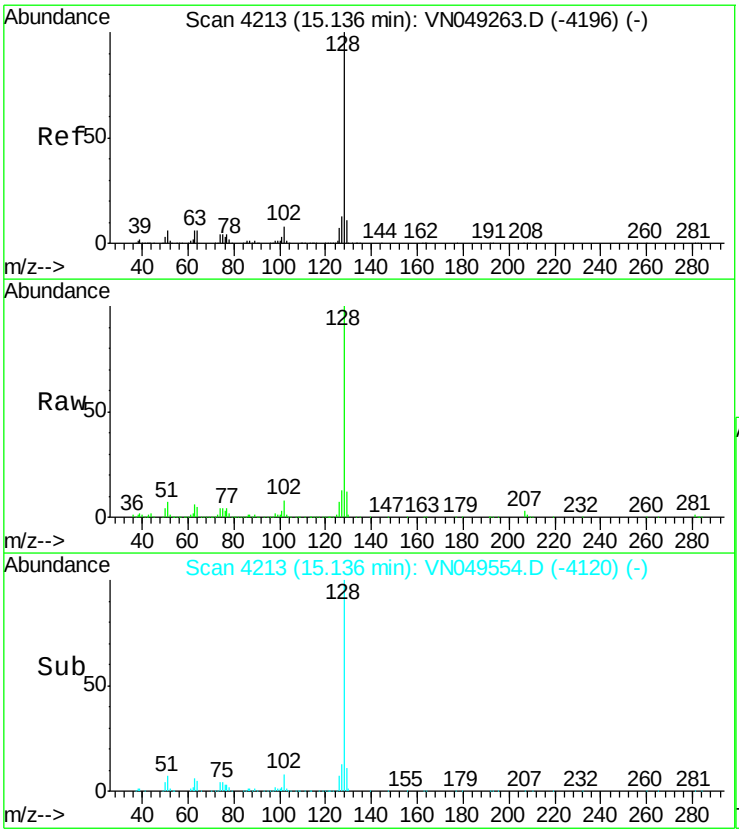

#95
Naphthalene
Concen: 22.67 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049554.D
Acq: 26 Jun 2018 15:57

Tgt Ion:128 Resp: 434698

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	16.0
129	11.0	8.5	12.7