

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050092.D
 Acq On : 26 Jul 2018 19:21
 Operator : MD\SY
 Sample : J4158-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER-TOTES

Manual Integrations
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Quant Time: Jul 27 09:33:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	725927	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1108584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	984944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	459595	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	477918	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
35) Dibromofluoromethane	7.59	113	422151	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
50) Toluene-d8	10.09	98	1563104	46.97	ug/l	0.00
Spiked Amount			Recovery	=	93.94%	
62) 4-Bromofluorobenzene	12.40	95	501376	45.76	ug/l	0.00
Spiked Amount			Recovery	=	91.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.81	59	270882	363.49	ug/l	99
16) Acetone	3.82	43	1825201	774.16	ug/l	99
25) 2-Butanone	6.85	43	793138	205.30	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	121540	14.20	ug/l	97
52) Toluene	10.16	92	66323	2.96	ug/l	99
59) 2-Hexanone	10.76	43	257475	45.26	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	13135	0.46	ug/l	96
95) Naphthalene	15.14	128	23431	5.43	ug/l #	93

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

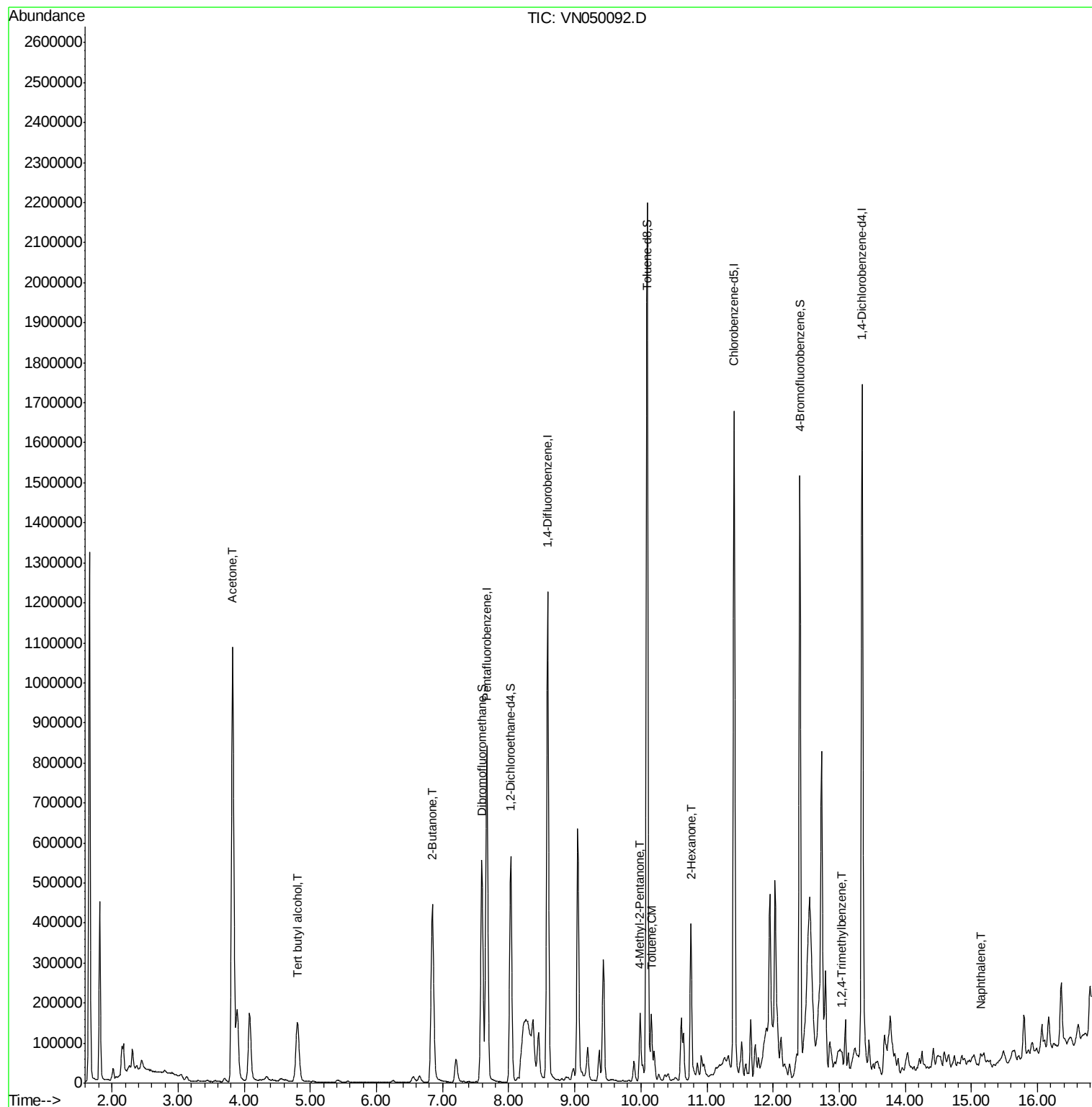
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050092.D
Acq On : 26 Jul 2018 19:21
Operator : MD\SY
Sample : J4158-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

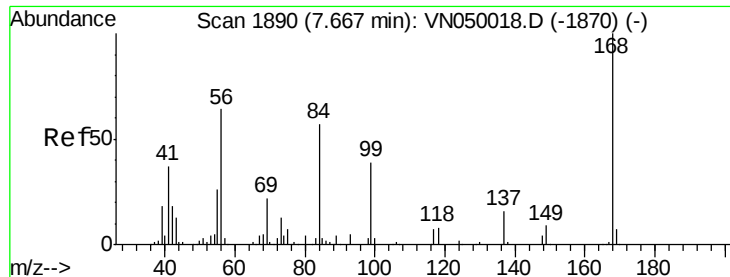
Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES

Manual Integrations
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Quant Time: Jul 27 09:33:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050092.D

Acq: 26 Jul 2018 19:21

Instrument :

MSVOA_N

ClientSampleId :

OILY-WATER-TOTES

Tot Ion:168 Resp: 725927

Ion Ratio Lower Upper

168 100

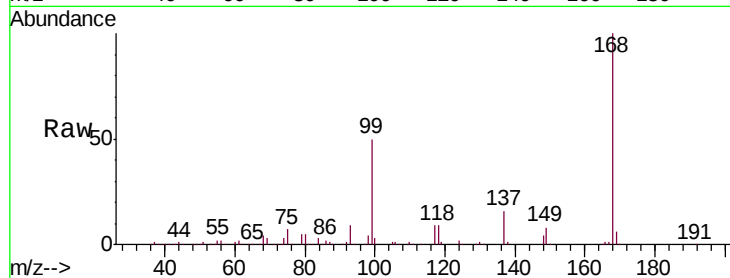
99 50.4 40.0 60.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

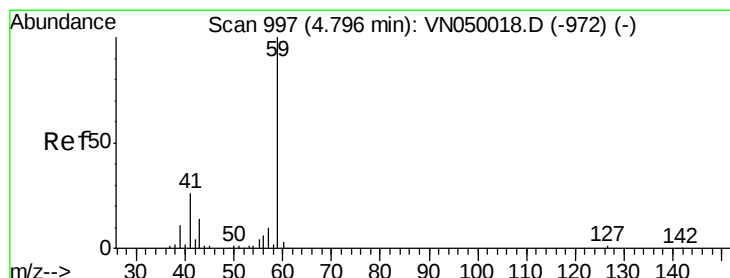
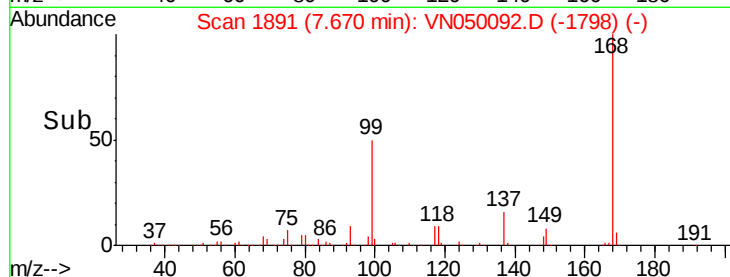
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 363.49 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN050092.D

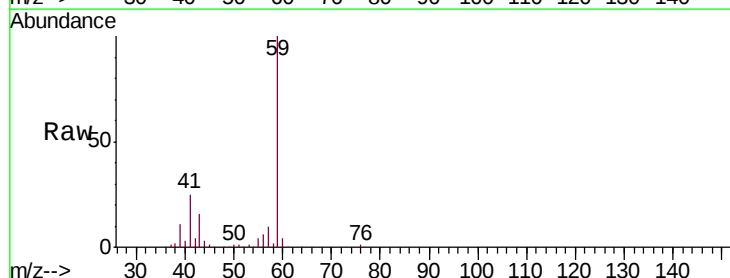
Acq: 26 Jul 2018 19:21

Tgt Ion: 59 Resp: 270882

Ion Ratio Lower Upper

59 100

57 10.3 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VN050018.D (-972) (-)

Ion 57.00 (56.70 to 57.70): VN050018.D (-972) (-)

4.81

80000

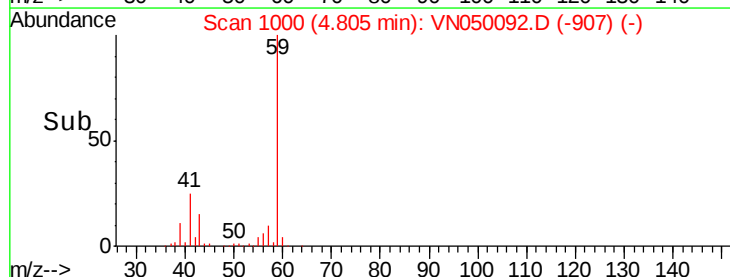
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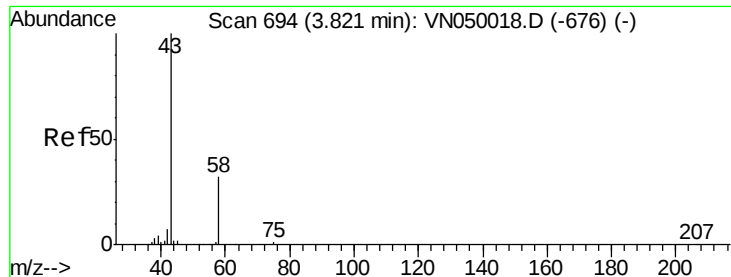
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Time-->





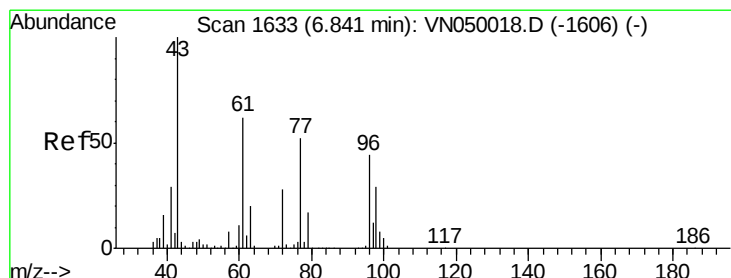
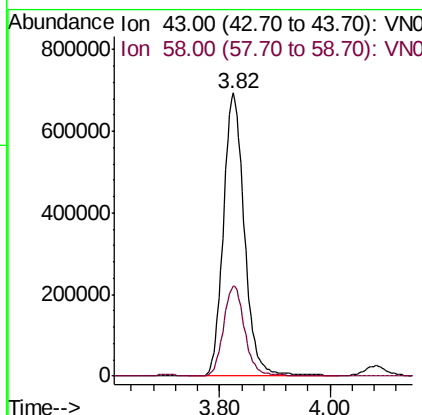
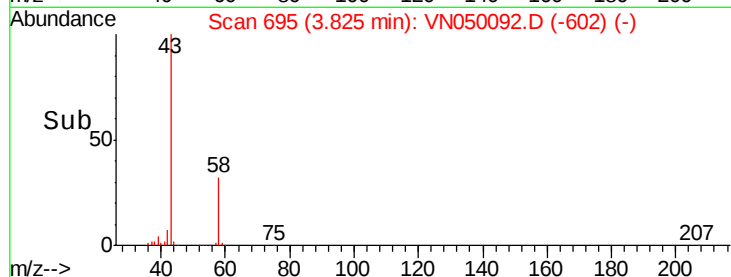
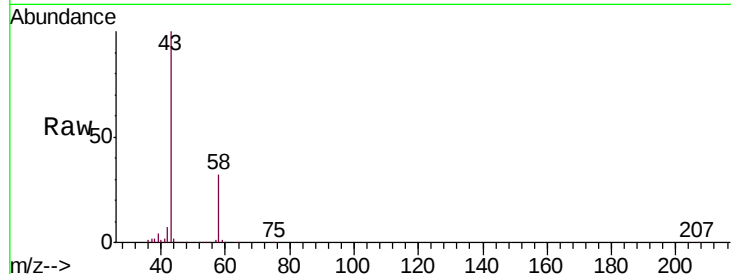
#16
Acetone
Concen: 774.16 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES

Tot Ion: 43 Resp: 1825201
Ion Ratio Lower Upper
43 100
58 31.9 25.8 38.8

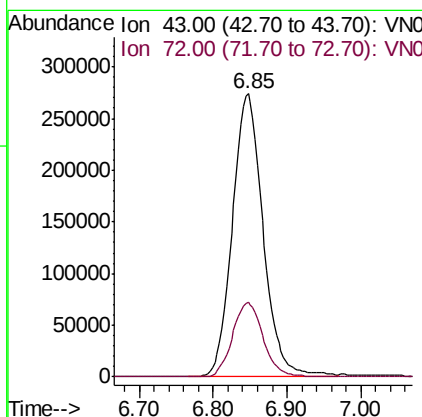
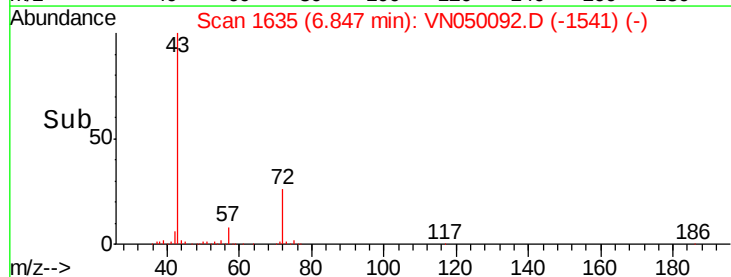
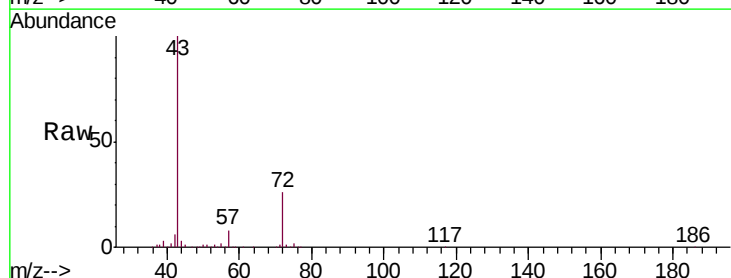
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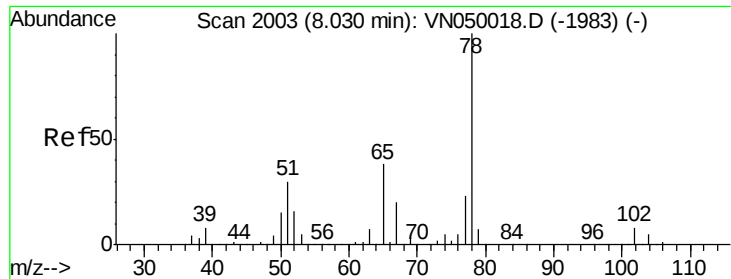
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#25
2-Butanone
Concen: 205.30 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion: 43 Resp: 793138
Ion Ratio Lower Upper
43 100
72 26.2 21.5 32.3





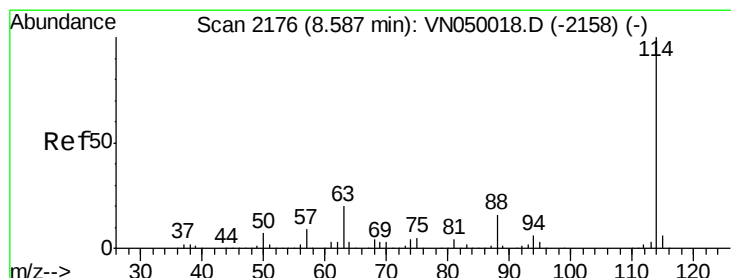
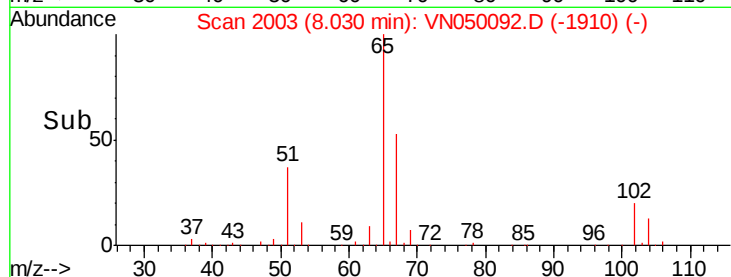
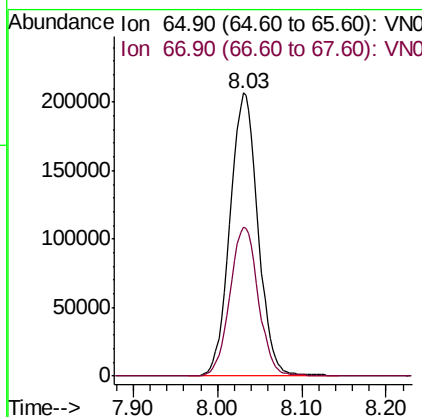
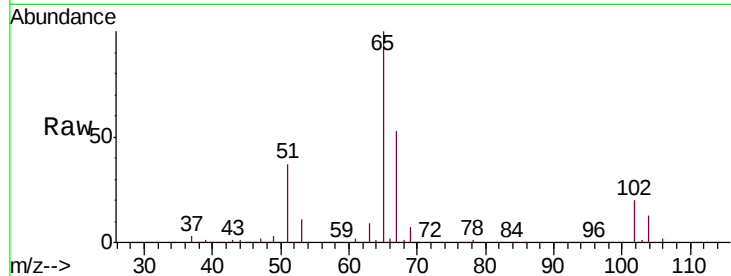
#33
 1,2-Dichloroethane-d4
 Concen: 47.19 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050092.D
 Acq: 26 Jul 2018 19:21

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER-TOTES

Tot Ion: 65 Resp: 477918
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4

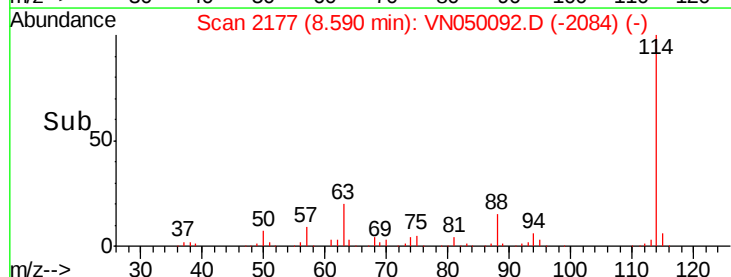
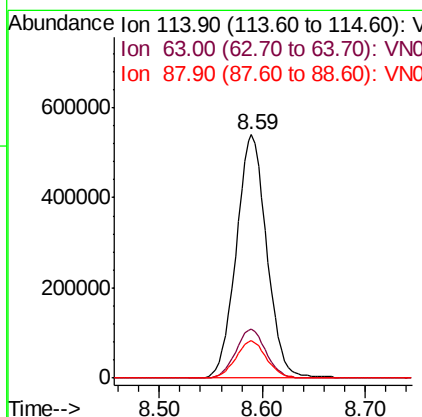
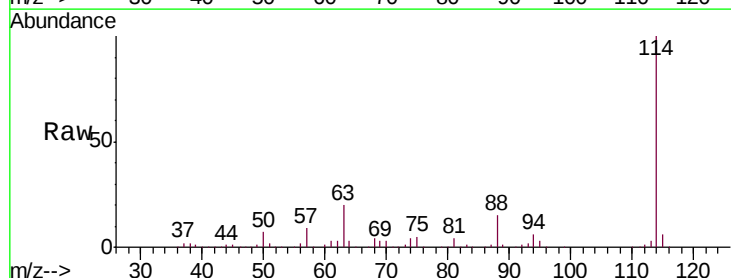
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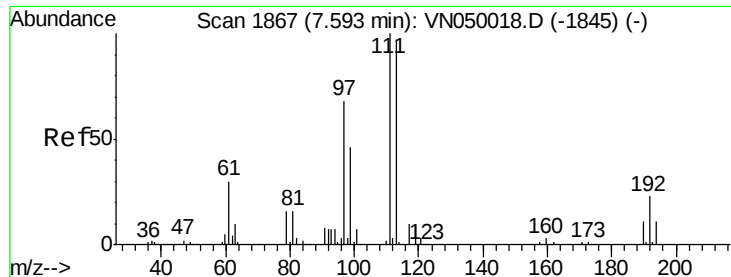
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050092.D
 Acq: 26 Jul 2018 19:21

Tgt Ion: 114 Resp: 1108584
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.3 0.0 31.2





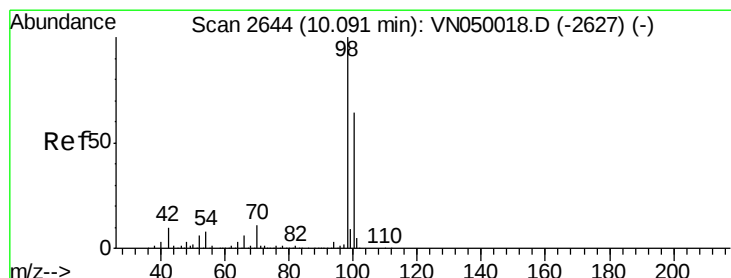
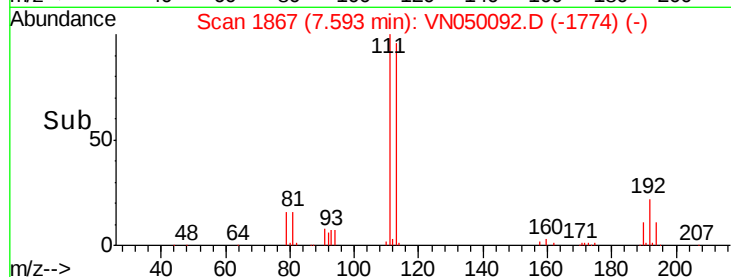
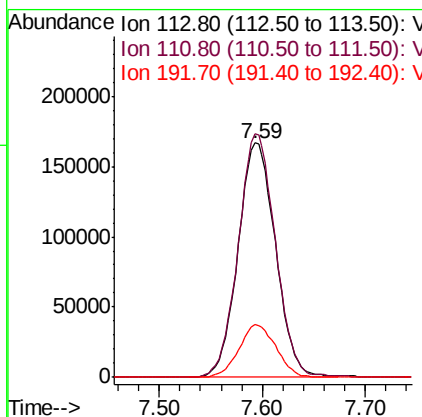
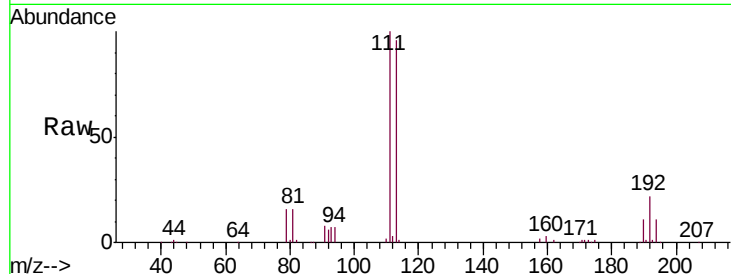
#35
Dibromofluoromethane
Concen: 46.64 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.7	121.1
192	22.3	17.8	26.6

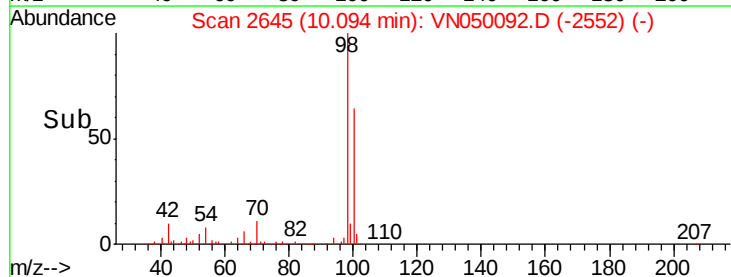
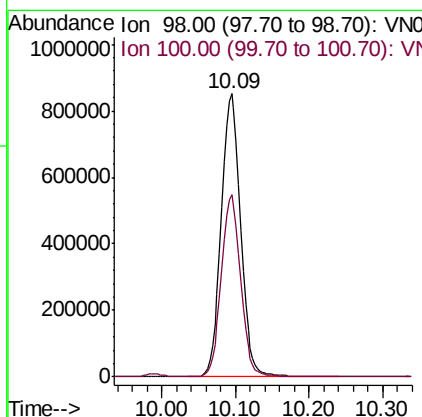
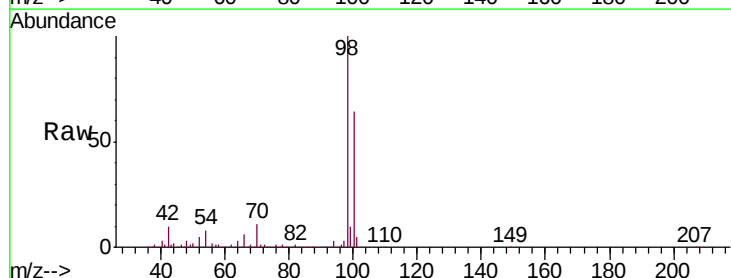
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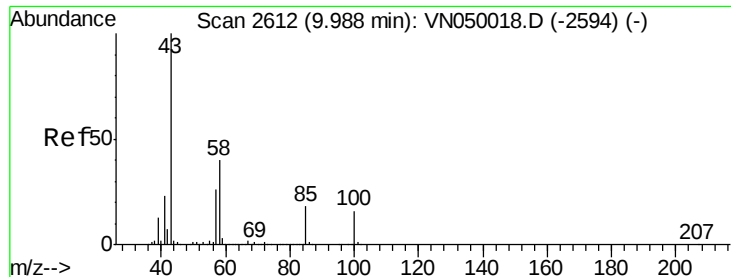
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#50
Toluene-d8
Concen: 46.97 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1





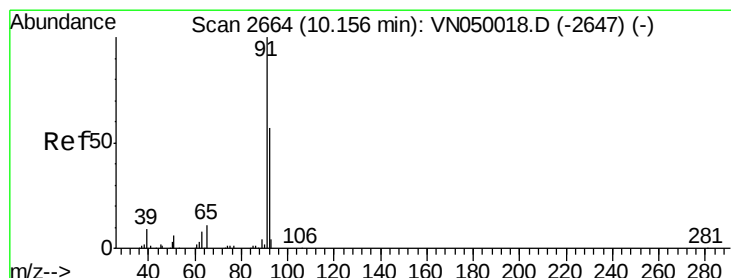
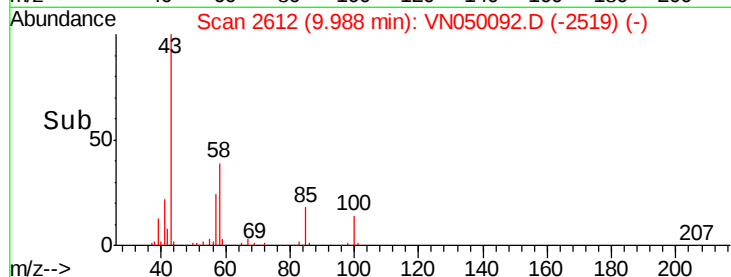
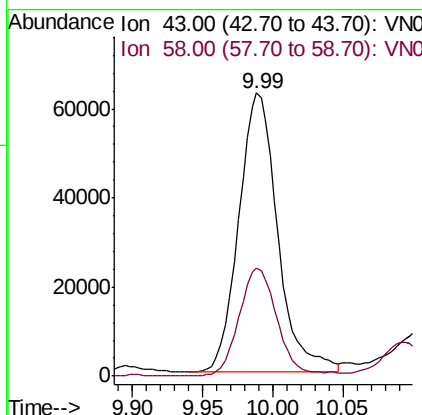
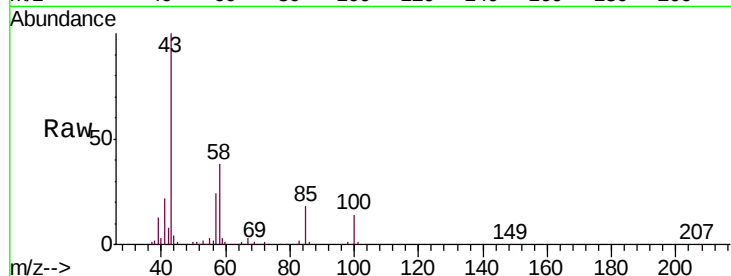
#51
4-Methyl-2-Pentanone
Concen: 14.20 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.2	31.9	47.9

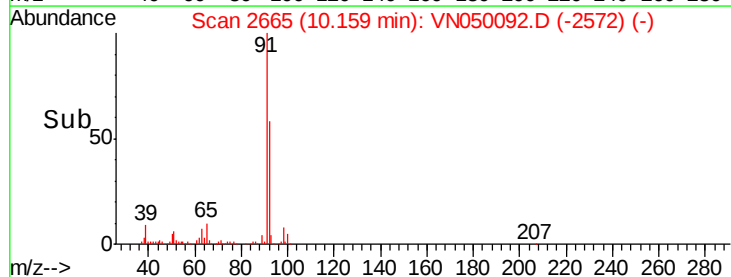
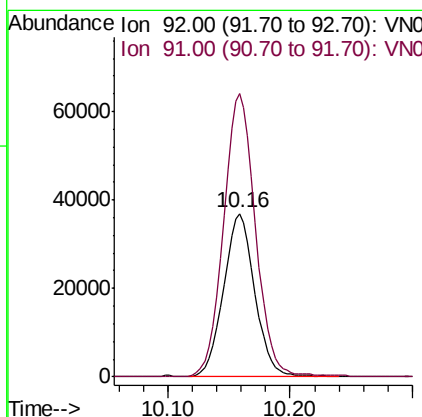
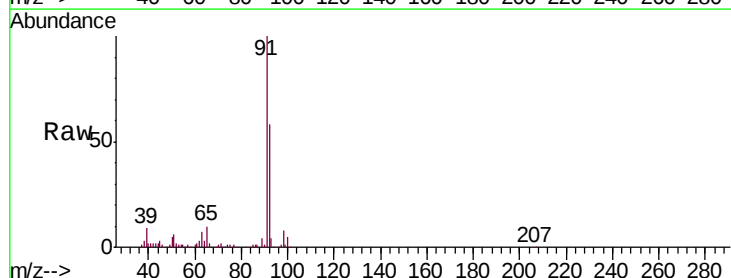
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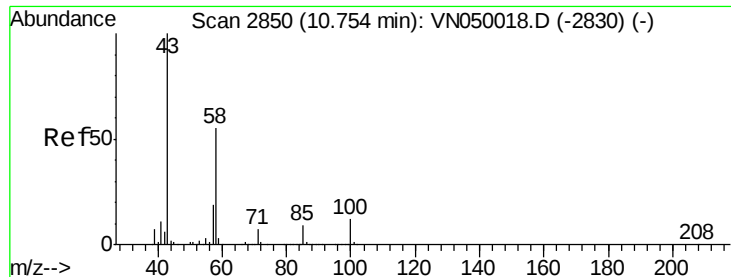
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#52
Toluene
Concen: 2.96 ug/l
RT: 10.16 min Scan# 2665
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	177.4	140.3	210.5





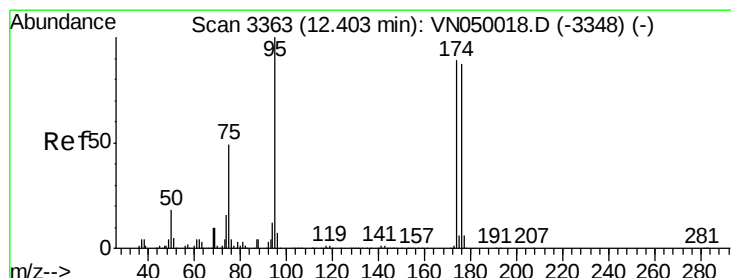
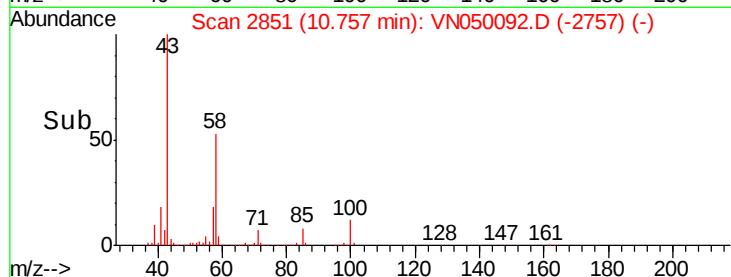
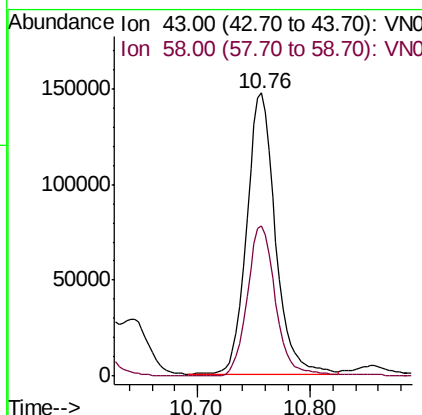
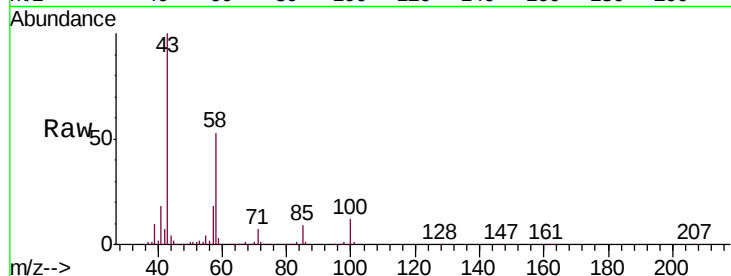
#59
2-Hexanone
Concen: 45.26 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES

Tot Ion: 43 Resp: 257475
Ion Ratio Lower Upper
43 100
58 53.2 27.6 82.7

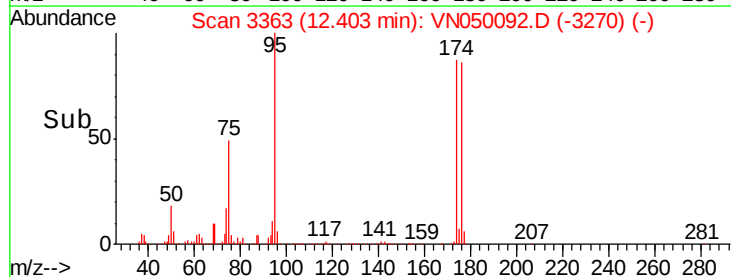
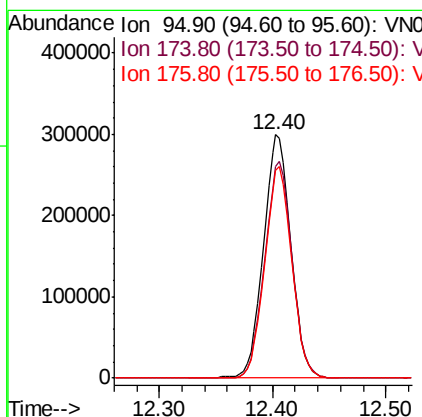
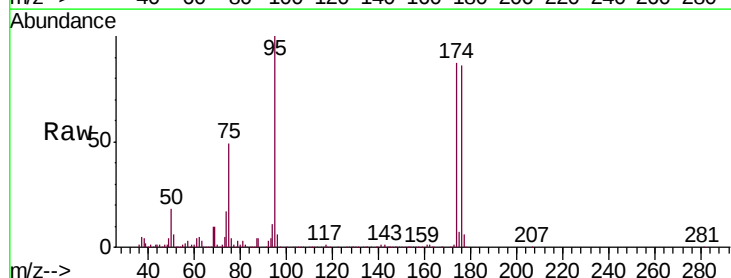
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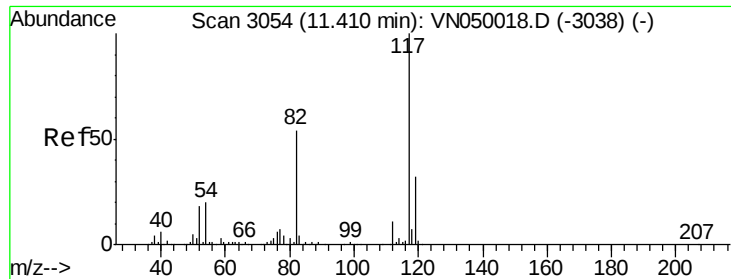
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#62
4-Bromofluorobenzene
Concen: 45.76 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion: 95 Resp: 501376
Ion Ratio Lower Upper
95 100
174 88.8 0.0 178.2
176 85.9 0.0 173.4





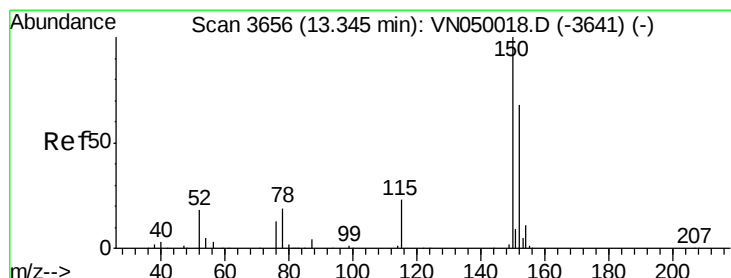
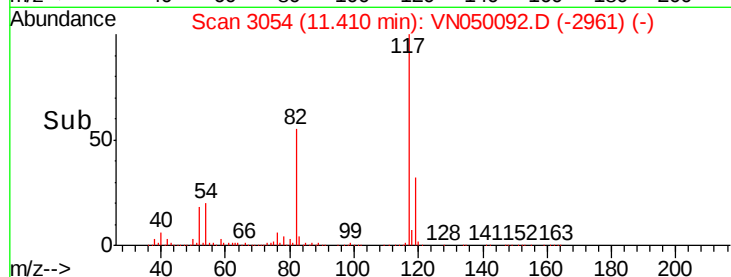
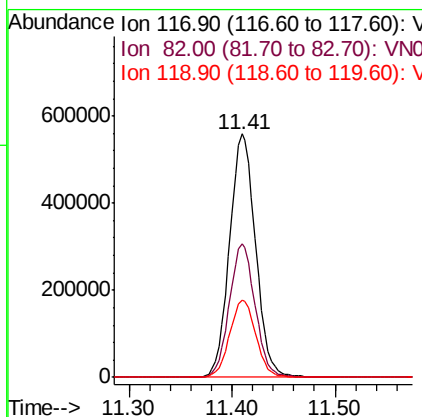
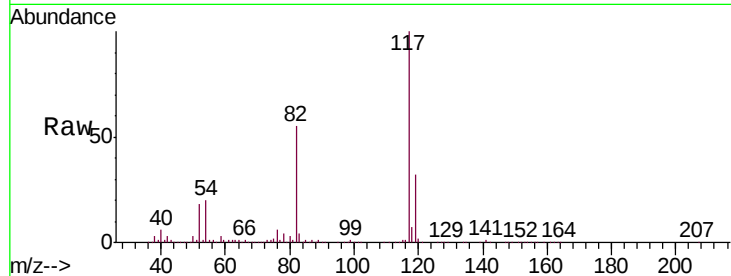
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Instrument :
MSVOA_N
ClientSampleId :
OILY-WATER-TOTES

Tot Ion	Ratio	Resp	Lower	Upper
117	100	984944		
82	55.0		43.7	65.5
119	31.8		26.1	39.1

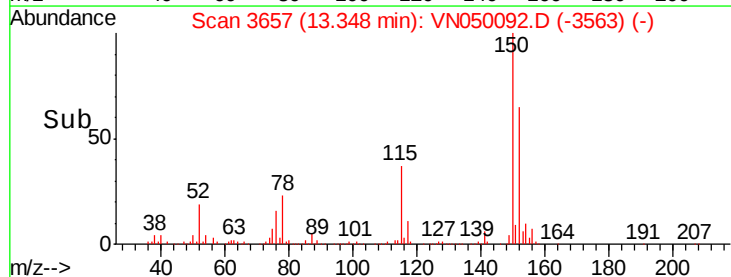
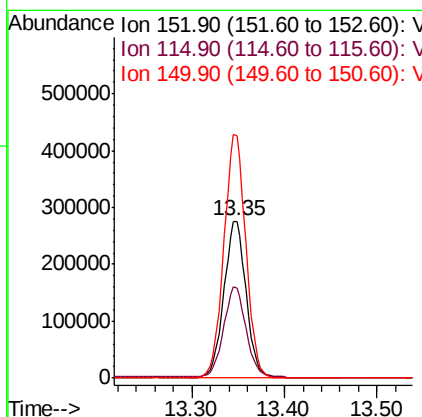
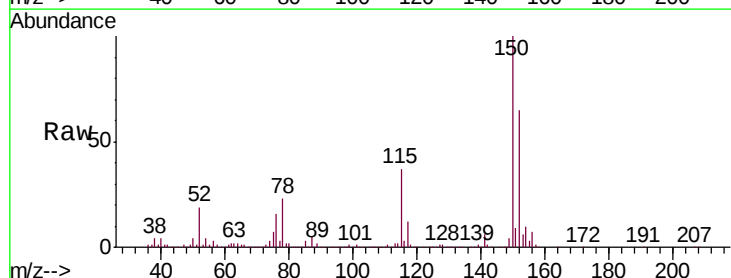
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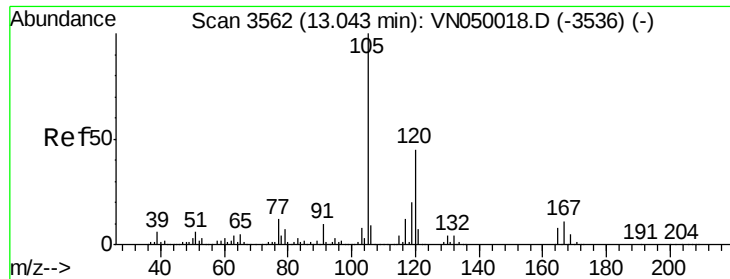
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN050092.D
Acq: 26 Jul 2018 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	459595		
115	59.8		27.8	83.3
150	152.5		0.0	348.6





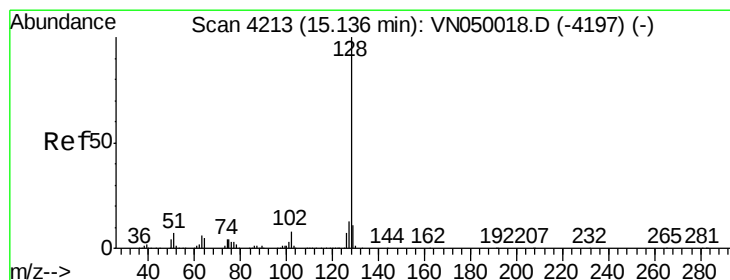
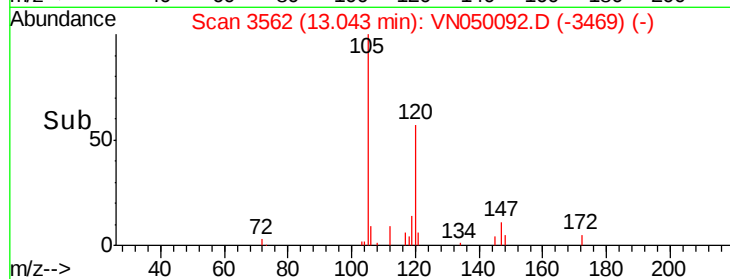
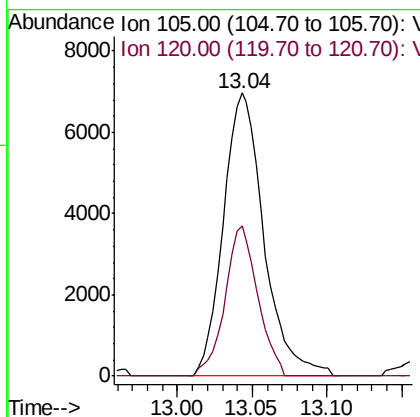
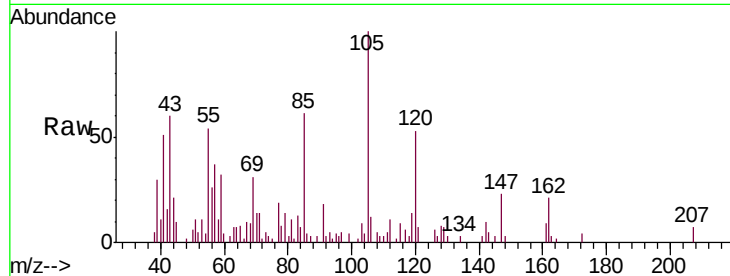
#84
 1,2,4-Trimethylbenzene
 Concen: 0.46 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050092.D
 Acq: 26 Jul 2018 19:21

Instrument :
 MSVOA_N
 ClientSampleId :
 OILY-WATER-TOTES

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.9	68.7

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 12:16:06 PM



#95
 Naphthalene
 Concen: 5.43 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050092.D
 Acq: 26 Jul 2018 19:21

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.7	10.4	15.6#
129	12.3	8.8	13.2

