

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022719\
 Data File : VN053979.D
 Acq On : 27 Feb 2019 20:11
 Operator : JC/SP
 Sample : K1350-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-022619-C

Quant Time: Feb 28 07:41:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	613508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1140098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1115347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	418666	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	405664	56.41	ug/l	0.00
Spiked Amount			Recovery	=	112.82%	
35) Dibromofluoromethane	7.59	113	366297	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
50) Toluene-d8	10.09	98	1448143	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.40	95	489396	53.52	ug/l	0.00
Spiked Amount			Recovery	=	107.04%	

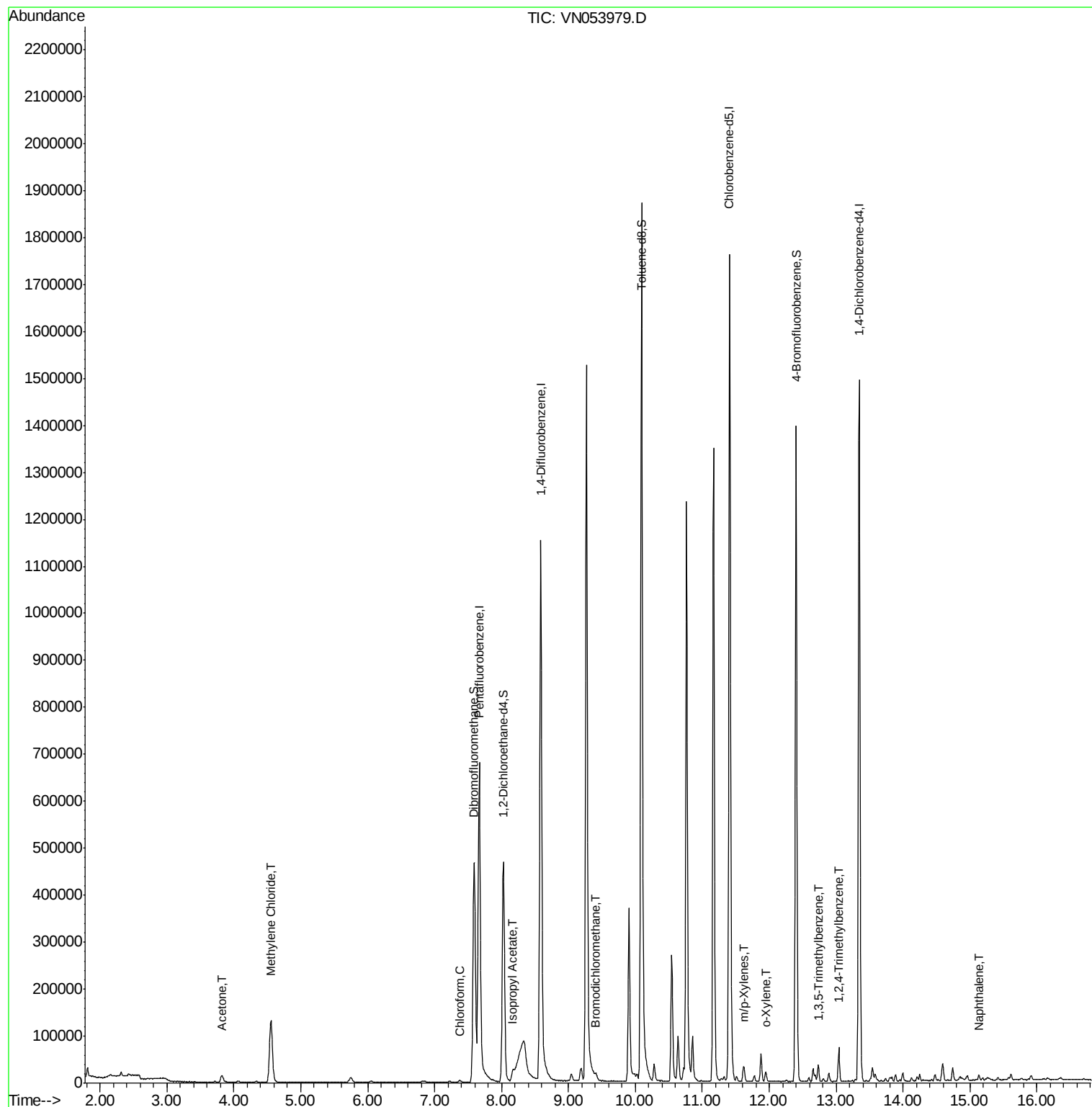
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	26283	1.732	ug/l	99
20) Methylene Chloride	4.55	84	99143	13.929	ug/l	87
30) Chloroform	7.37	83	4678	0.384	ug/l	89
43) Isopropyl Acetate	8.17	43	33990	2.659	ug/l #	90
47) Bromodichloromethane	9.41	83	2605	0.242	ug/l #	88
68) m/p-Xylenes	11.62	106	11576	0.777	ug/l	98
69) o-Xylene	11.95	106	6286	0.430	ug/l	88
80) 1,3,5-Trimethylbenzene	12.73	105	17714	0.664	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	42117	1.581	ug/l	95
95) Naphthalene	15.14	128	9727	3.761	ug/l #	95

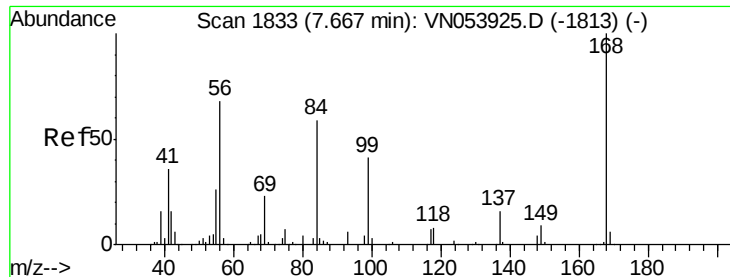
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022719\
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QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

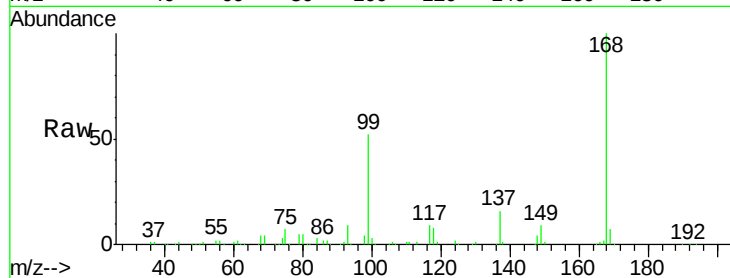
EO-01-022619-C

Tot Ion:168 Resp: 613508

Ion Ratio Lower Upper

168 100

99 52.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053979.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053979.D (-1740) (-)

7.67

250000

200000

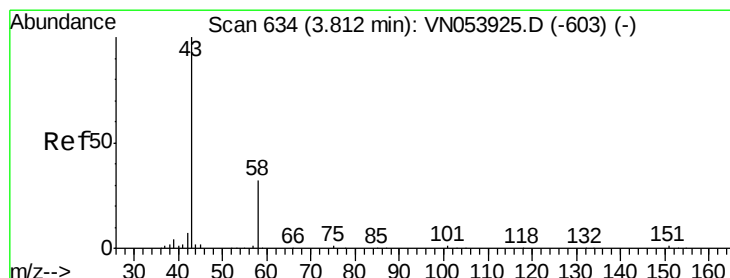
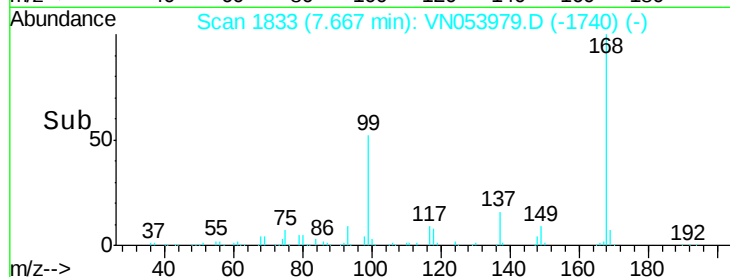
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.732 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053979.D

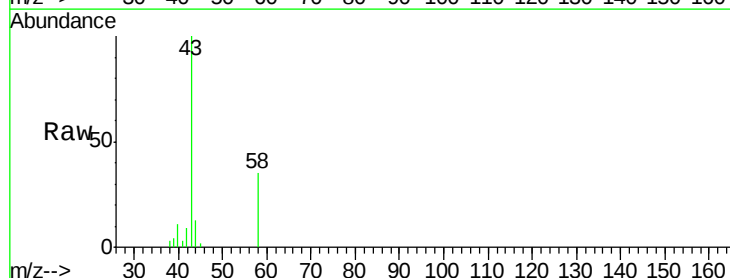
Acq: 27 Feb 2019 20:11

Tgt Ion: 43 Resp: 26283

Ion Ratio Lower Upper

43 100

58 35.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053979.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN053979.D (-540) (-)

3.82

10000

8000

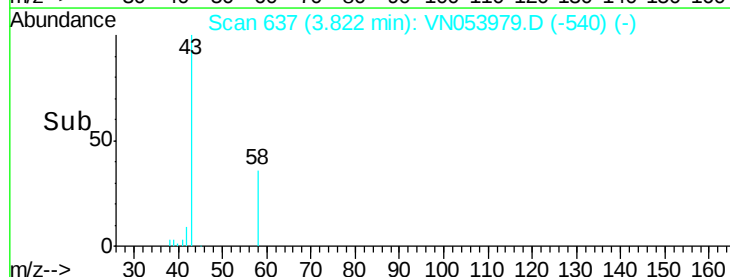
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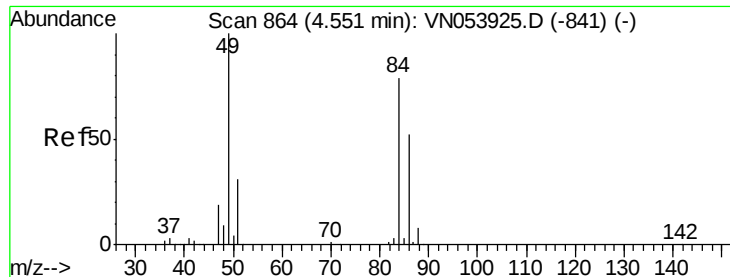
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2000

0

Time-->

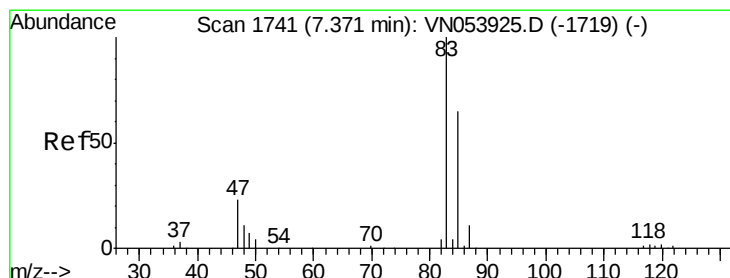
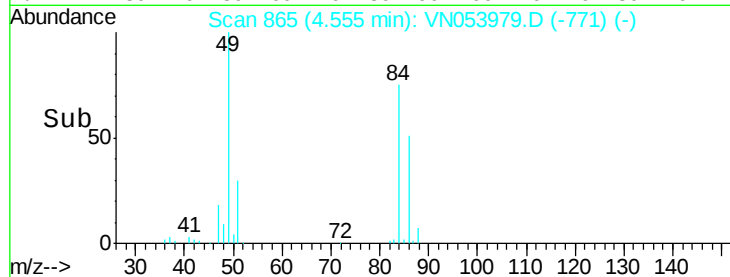
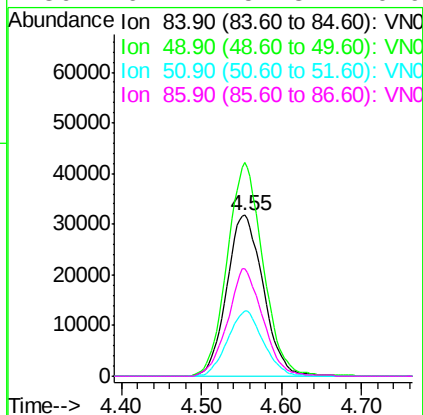
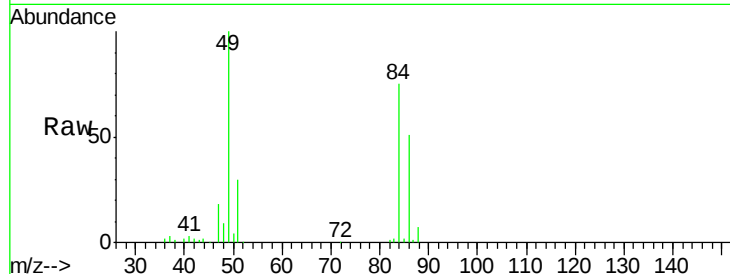




#20
Methylene Chloride
Concen: 13.929 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

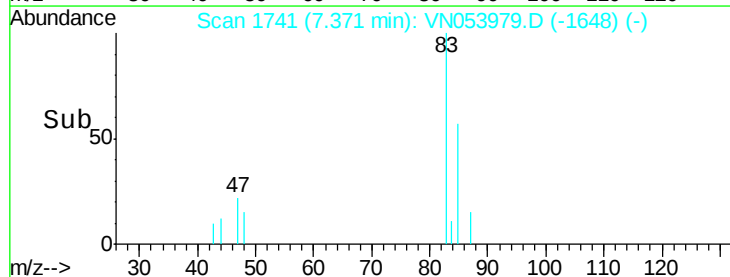
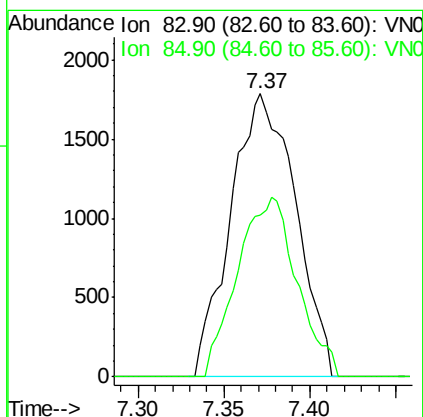
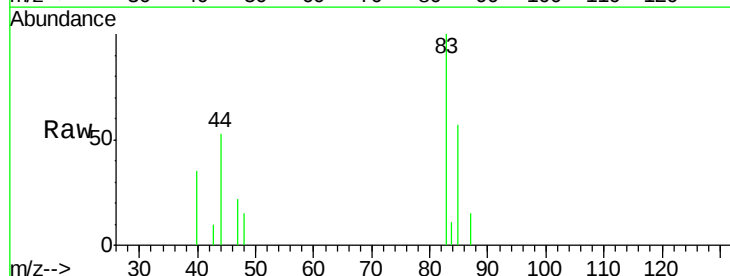
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EO-01-022619-C

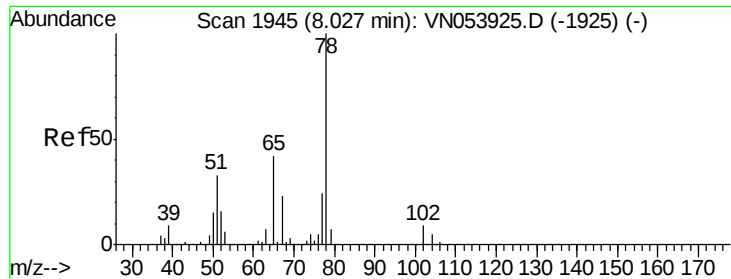
Tot Ion: 84 Resp: 99143
Ion Ratio Lower Upper
84 100
49 132.8 89.7 134.5
51 40.5 27.8 41.8
86 67.2 51.3 76.9



#30
Chloroform
Concen: 0.384 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Tgt Ion: 83 Resp: 4678
Ion Ratio Lower Upper
83 100
85 57.2 52.6 78.8





#33

1,2-Dichloroethane-d4

Concen: 56.407 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

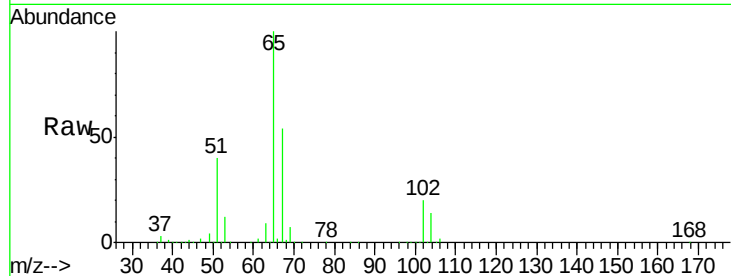
EO-01-022619-C

Tot Ion: 65 Resp: 405664

Ion Ratio Lower Upper

65 100

67 54.4 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053979.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053979.D (-1852) (-)

8.03

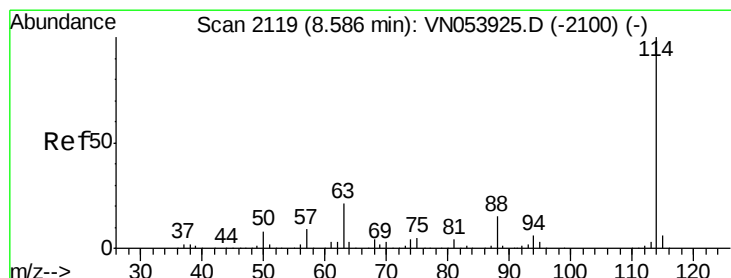
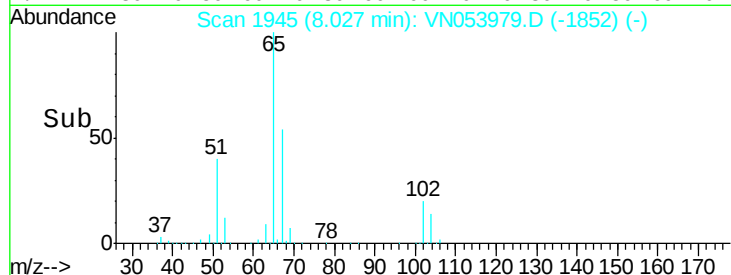
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

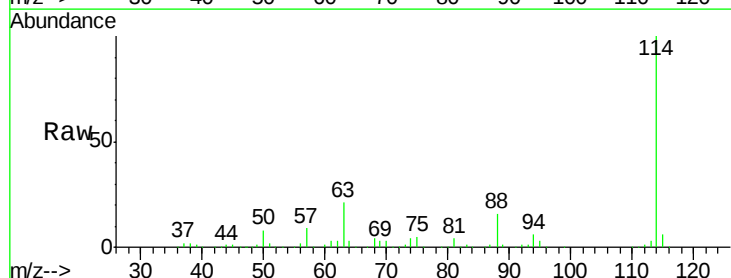
Tgt Ion: 114 Resp: 1140098

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 15.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053979.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053979.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053979.D (-2026) (-)

8.59

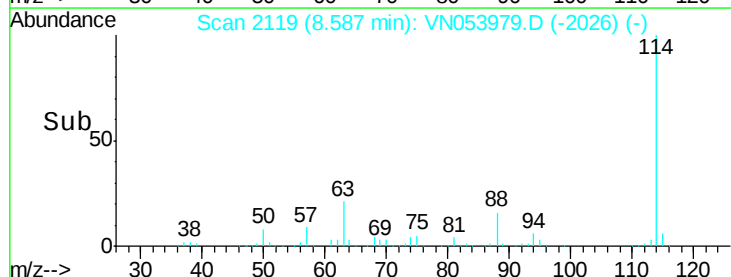
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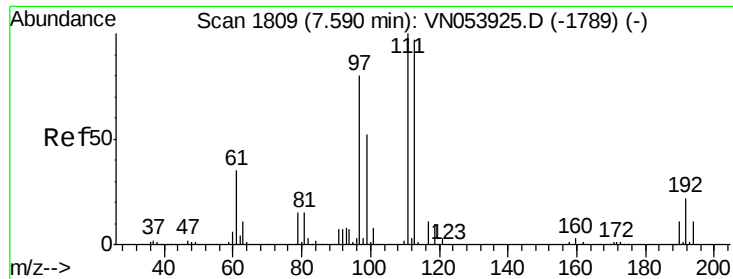
400000

200000

0

Time-->

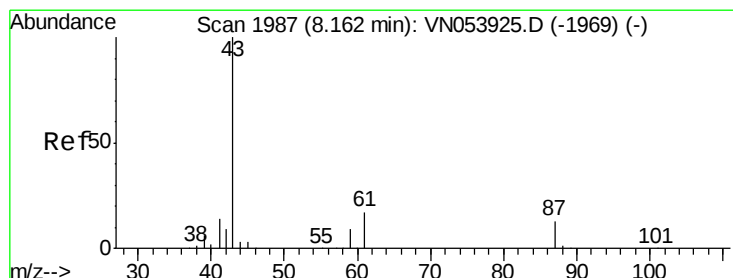
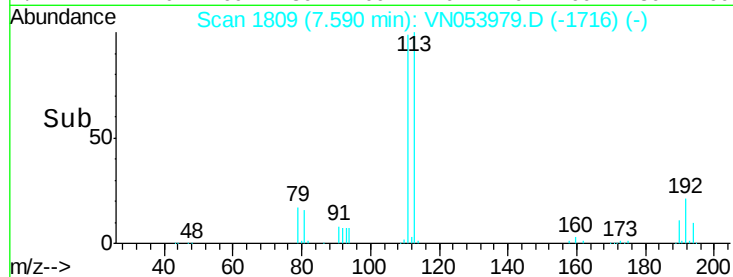
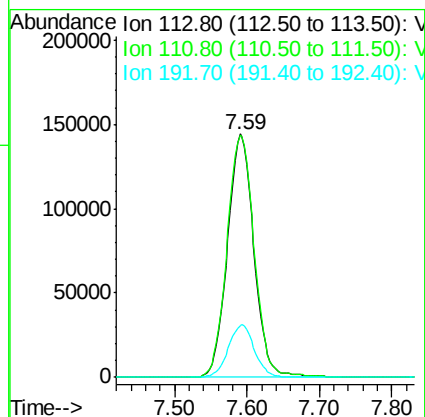
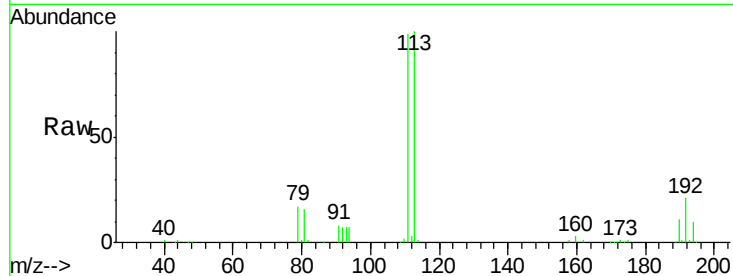




#35
 Dibromofluoromethane
 Concen: 49.684 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053979.D
 Acq: 27 Feb 2019 20:11

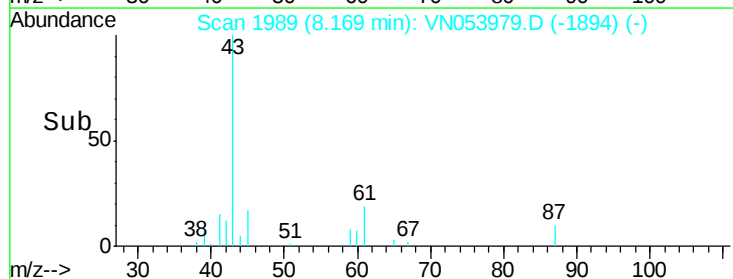
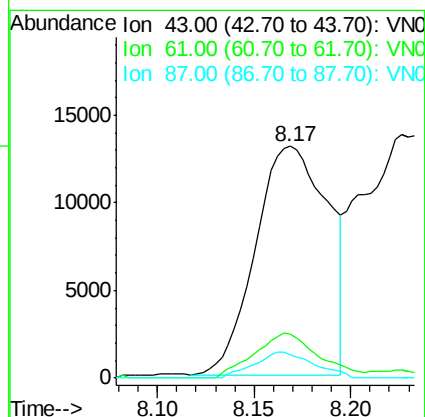
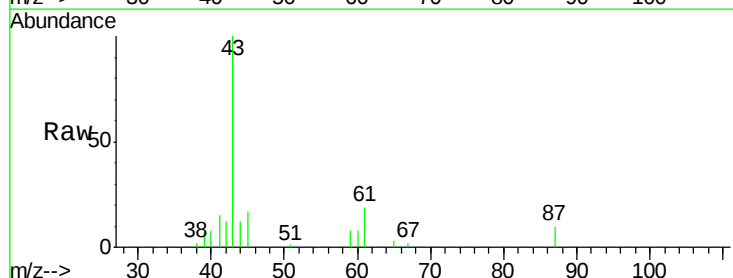
Instrument :
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 ClientSampleId :
 EO-01-022619-C

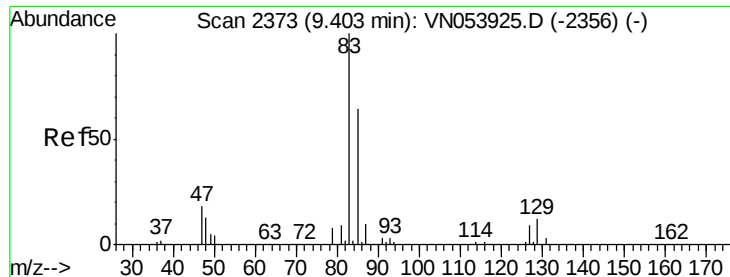
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	21.4	18.8	28.2



#43
 Isopropyl Acetate
 Concen: 2.659 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053979.D
 Acq: 27 Feb 2019 20:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.4	17.4	26.0
87	9.3	11.5	17.3#





#47

Bromodichloromethane

Concen: 0.242 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

ClientSampled :

EO-01-022619-C

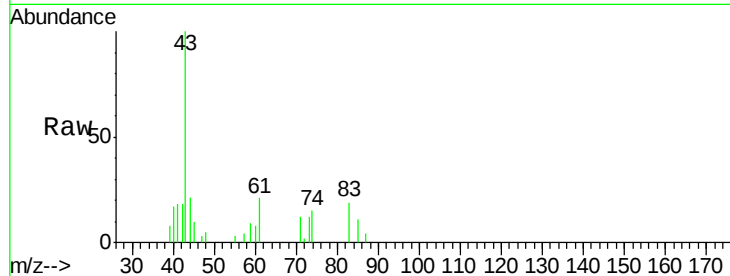
Tot Ion: 83 Resp: 2605

Ion Ratio Lower Upper

83 100

85 56.4 51.8 77.6

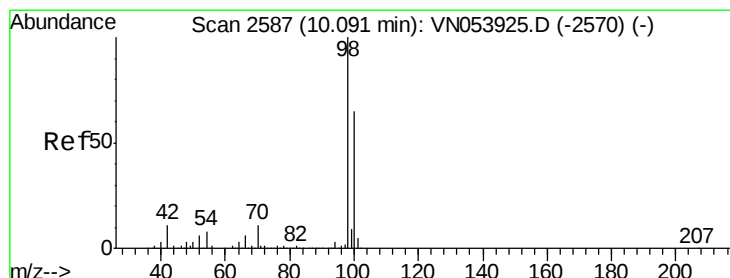
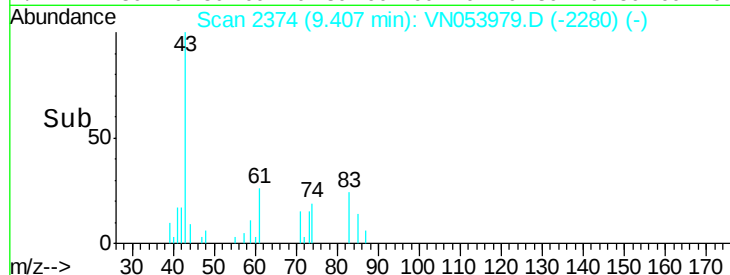
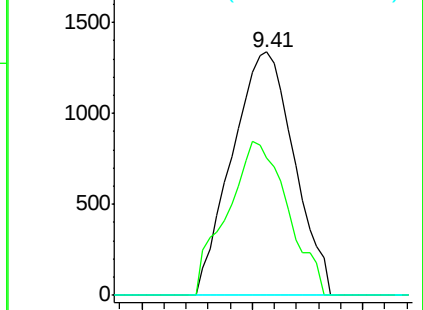
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VN053979.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053979.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053979.D (-2280) (-)



#50

Toluene-d8

Concen: 52.766 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053979.D

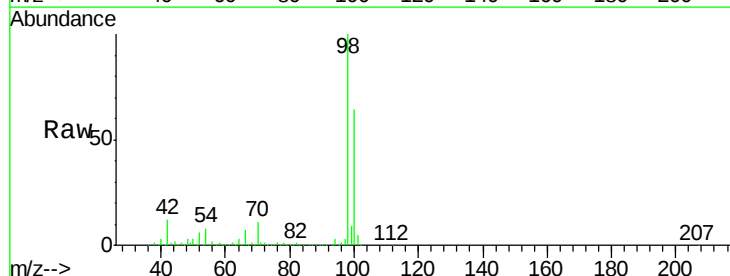
Acq: 27 Feb 2019 20:11

Tgt Ion: 98 Resp: 1448143

Ion Ratio Lower Upper

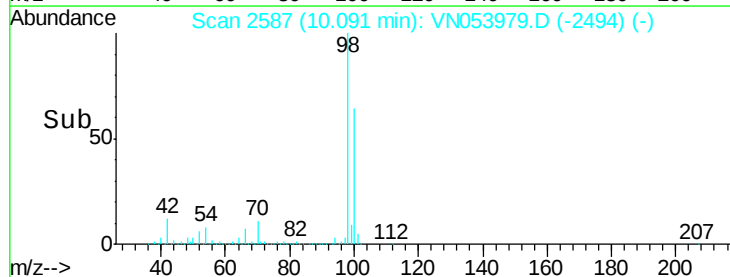
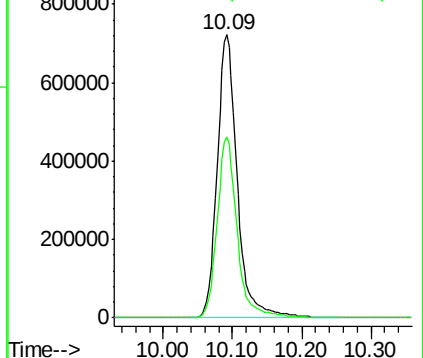
98 100

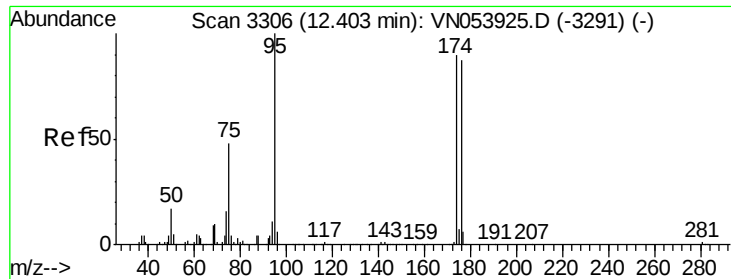
100 63.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053979.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053979.D (-2494) (-)

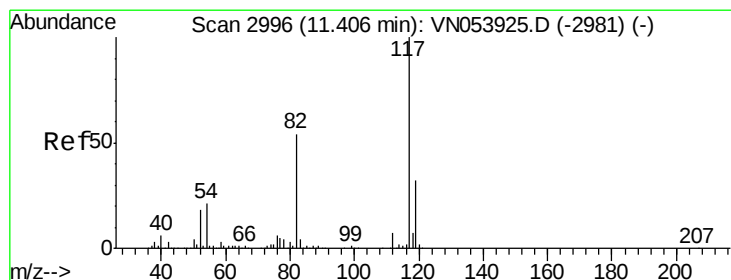
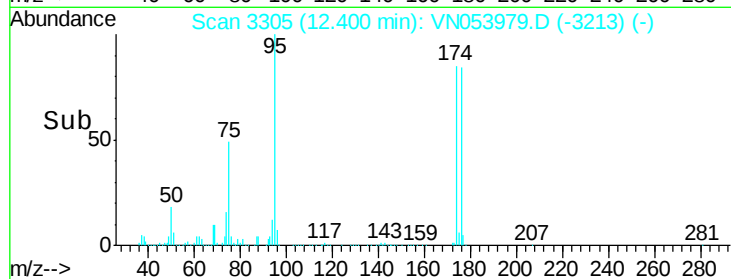
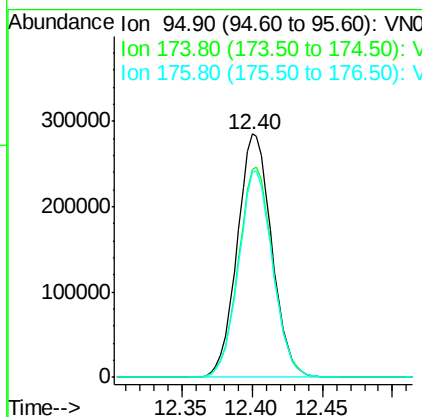
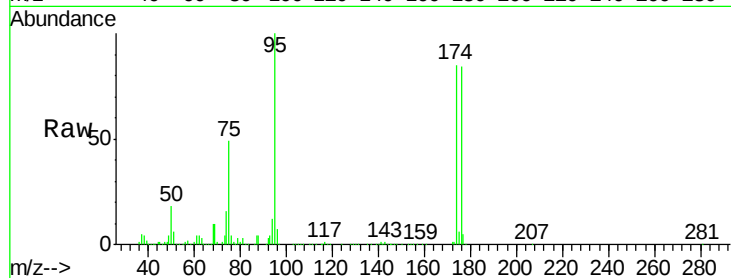




#62
4-Bromofluorobenzene
Concen: 53.522 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

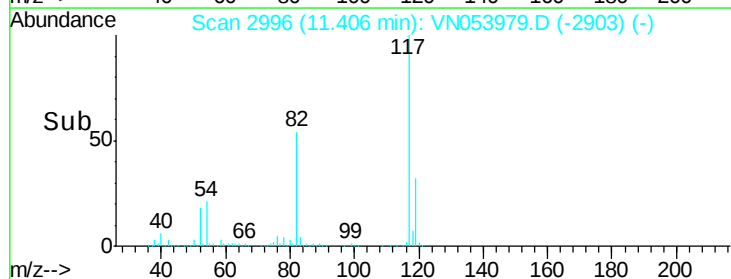
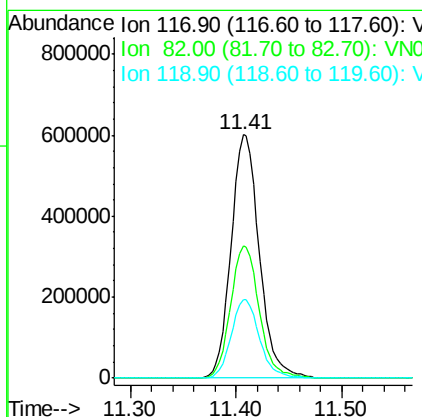
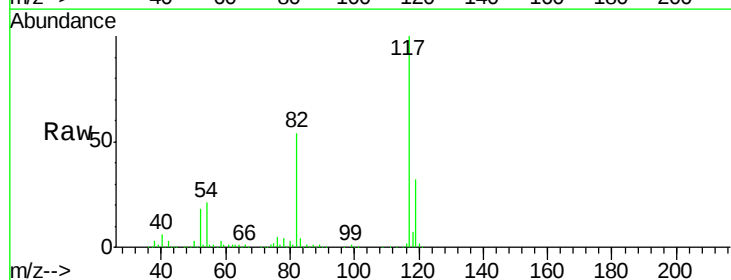
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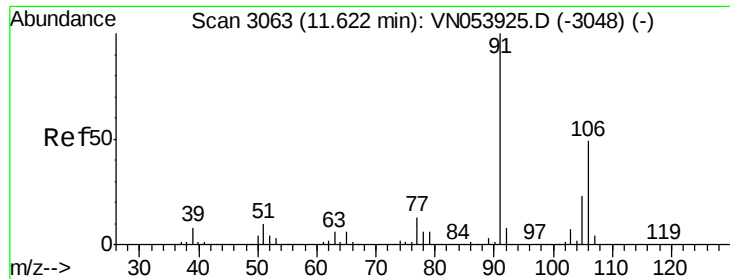
Tot Ion: 95 Resp: 489396
Ion Ratio Lower Upper
95 100
174 86.4 0.0 188.8
176 84.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Tgt Ion: 117 Resp: 1115347
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.2
119 32.1 25.3 37.9

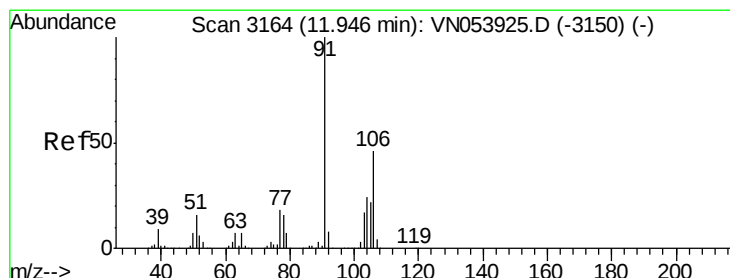
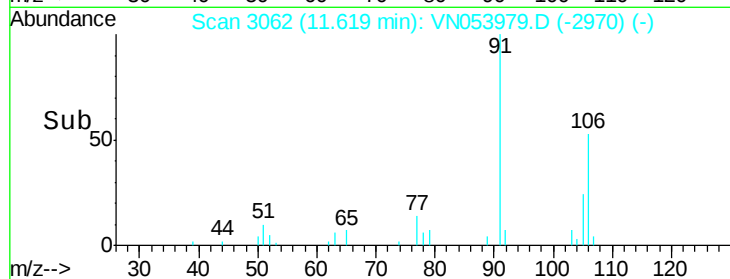
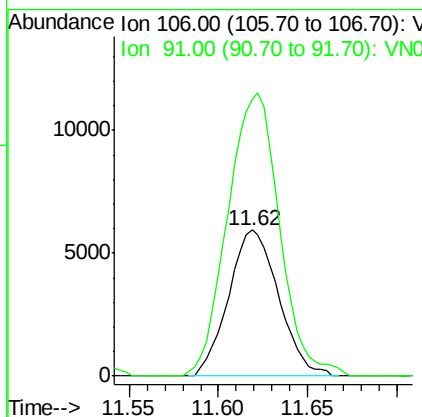
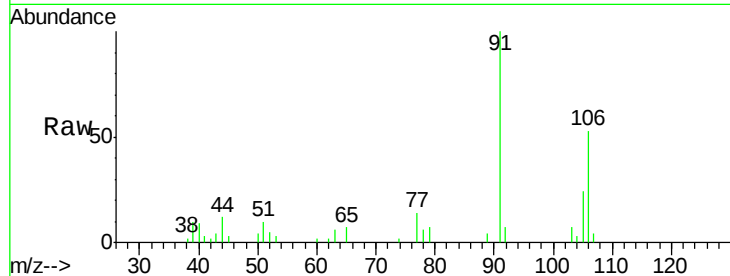




#68
m/p-Xylenes
Concen: 0.777 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

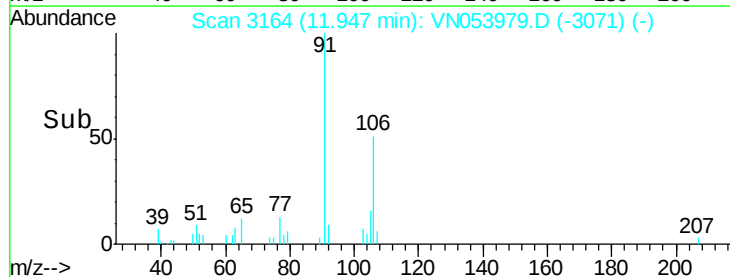
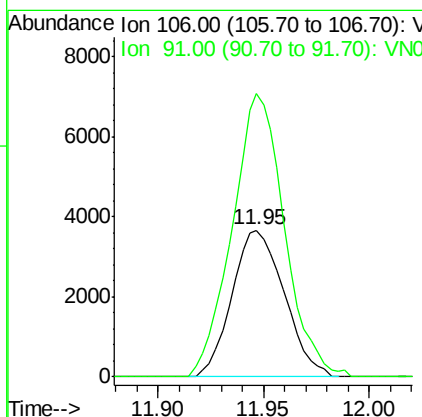
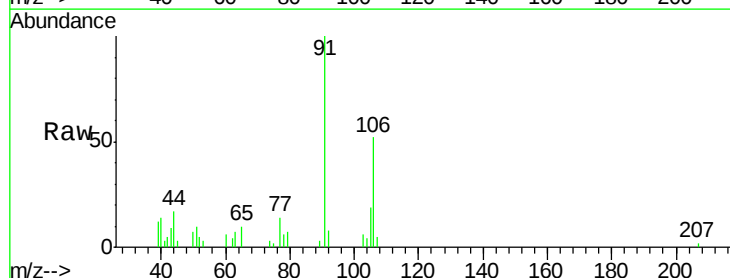
Instrument :
MSVOA_N
ClientSampled :
EO-01-022619-C

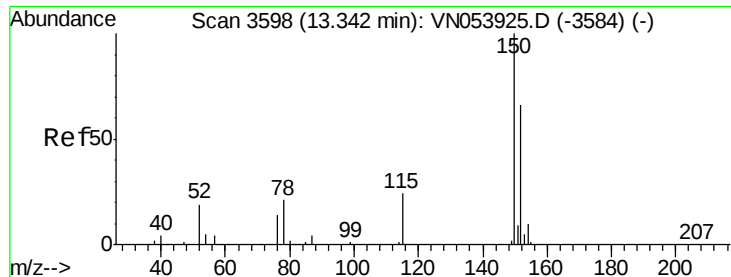
Tot Ion:106 Resp: 11576
Ion Ratio Lower Upper
106 100
91 201.6 158.9 238.3



#69
o-Xylene
Concen: 0.430 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Tgt Ion:106 Resp: 6286
Ion Ratio Lower Upper
106 100
91 193.4 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

EO-01-022619-C

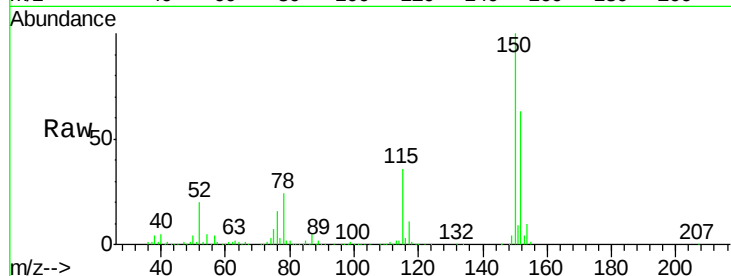
Tot Ion:152 Resp: 418666

Ion Ratio Lower Upper

152 100

115 57.4 27.2 81.6

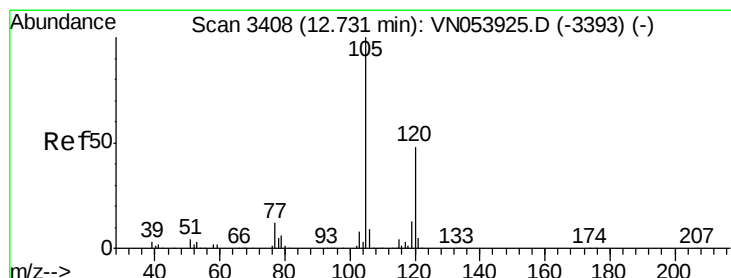
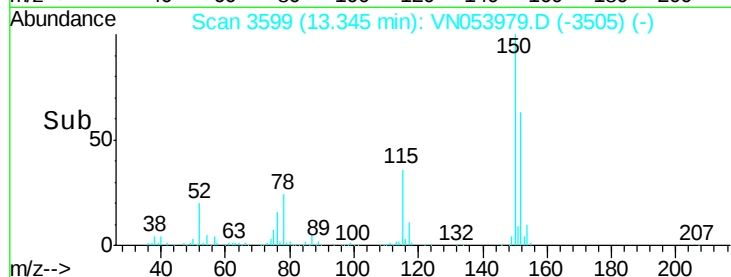
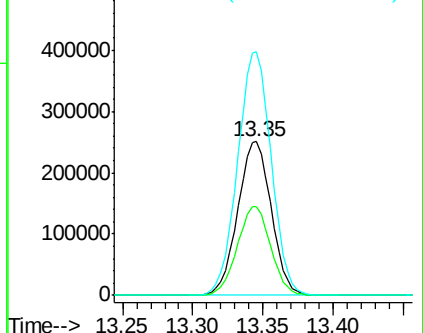
150 158.6 0.0 348.2



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



#80

1,3,5-Trimethylbenzene

Concen: 0.664 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053979.D

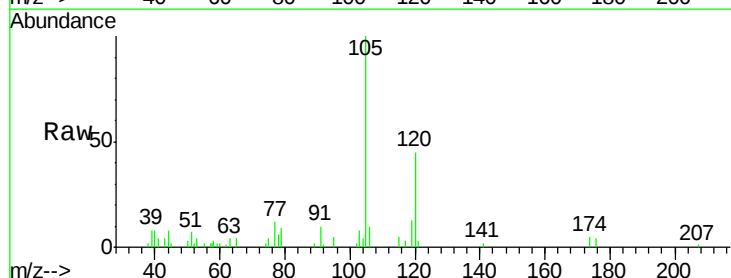
Acq: 27 Feb 2019 20:11

Tgt Ion:105 Resp: 17714

Ion Ratio Lower Upper

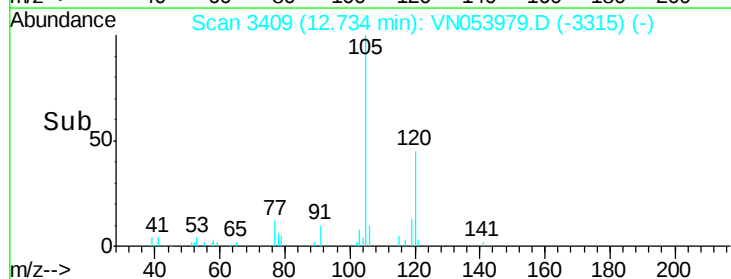
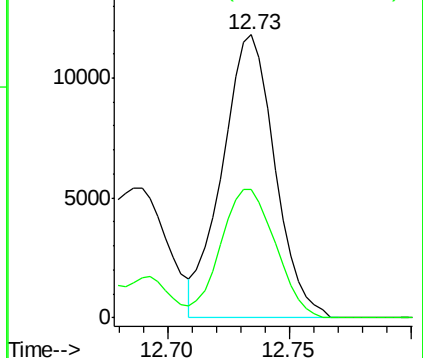
105 100

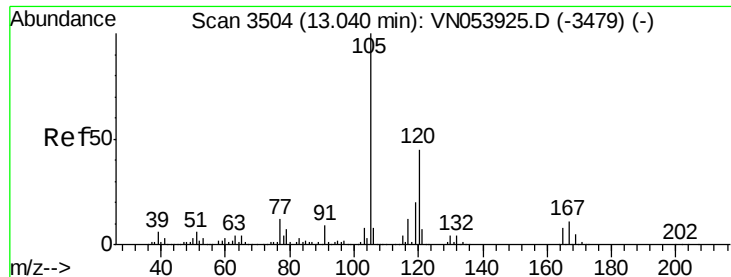
120 47.2 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

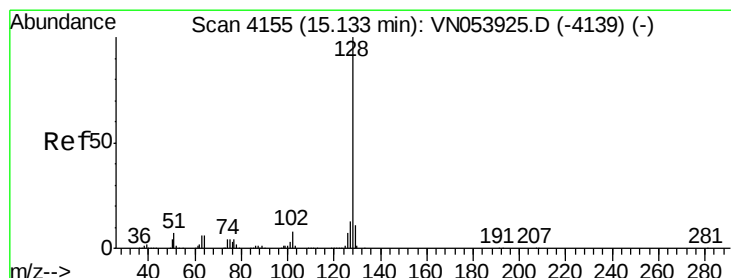
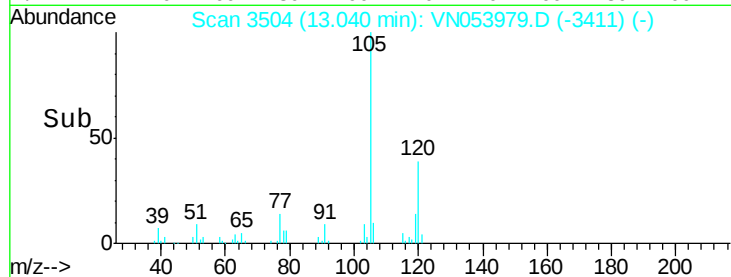
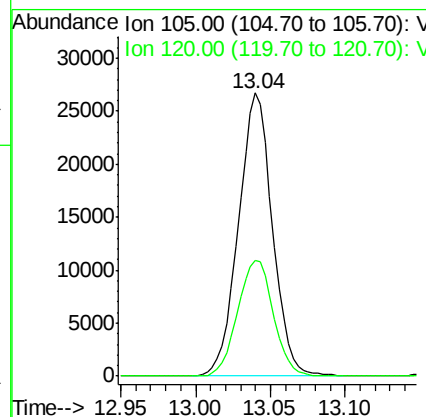
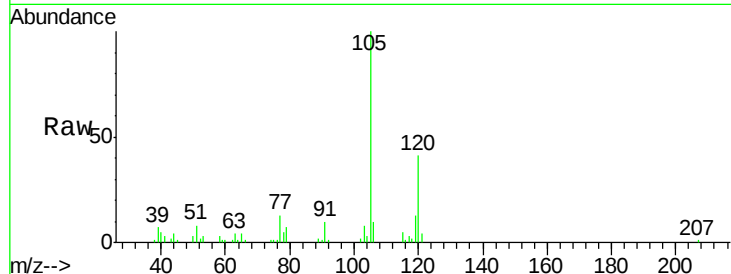




#84
 1,2,4-Trimethylbenzene
 Concen: 1.581 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053979.D
 Acq: 27 Feb 2019 20:11

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-022619-C

Tot Ion:105 Resp: 42117
 Ion Ratio Lower Upper
 105 100
 120 43.0 23.2 69.5



#95
 Naphthalene
 Concen: 3.761 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN053979.D
 Acq: 27 Feb 2019 20:11

Tgt Ion:128 Resp: 9727
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.2
 129 7.1 8.6 12.8#

