

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
 Data File : VN061281.D
 Acq On : 4 May 2020 16:26
 Operator : JC/MD
 Sample : L2457-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1341

Manual Integrations
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 5/5/2020 11:36:20 AM

Quant Time: May 05 05:02:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	105202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	191378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	181227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	86311	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	7.55	113	55715	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	10.06	98	236126	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.38	95	91514	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.73	59	16488	73.941	ug/l #	86
16) Acetone	3.77	43	54355	80.688	ug/l	98
25) 2-Butanone	6.78	43	34357	34.880	ug/l	96
40) Benzene	8.00	78	1914	0.335	ug/l #	82
51) 4-Methyl-2-Pentanone	9.95	43	11911	5.429	ug/l	91
70) Styrene	11.94	104	2966	0.749	ug/l	89
86) p-Isopropyltoluene	13.26	119	10674m	1.998	ug/l	

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

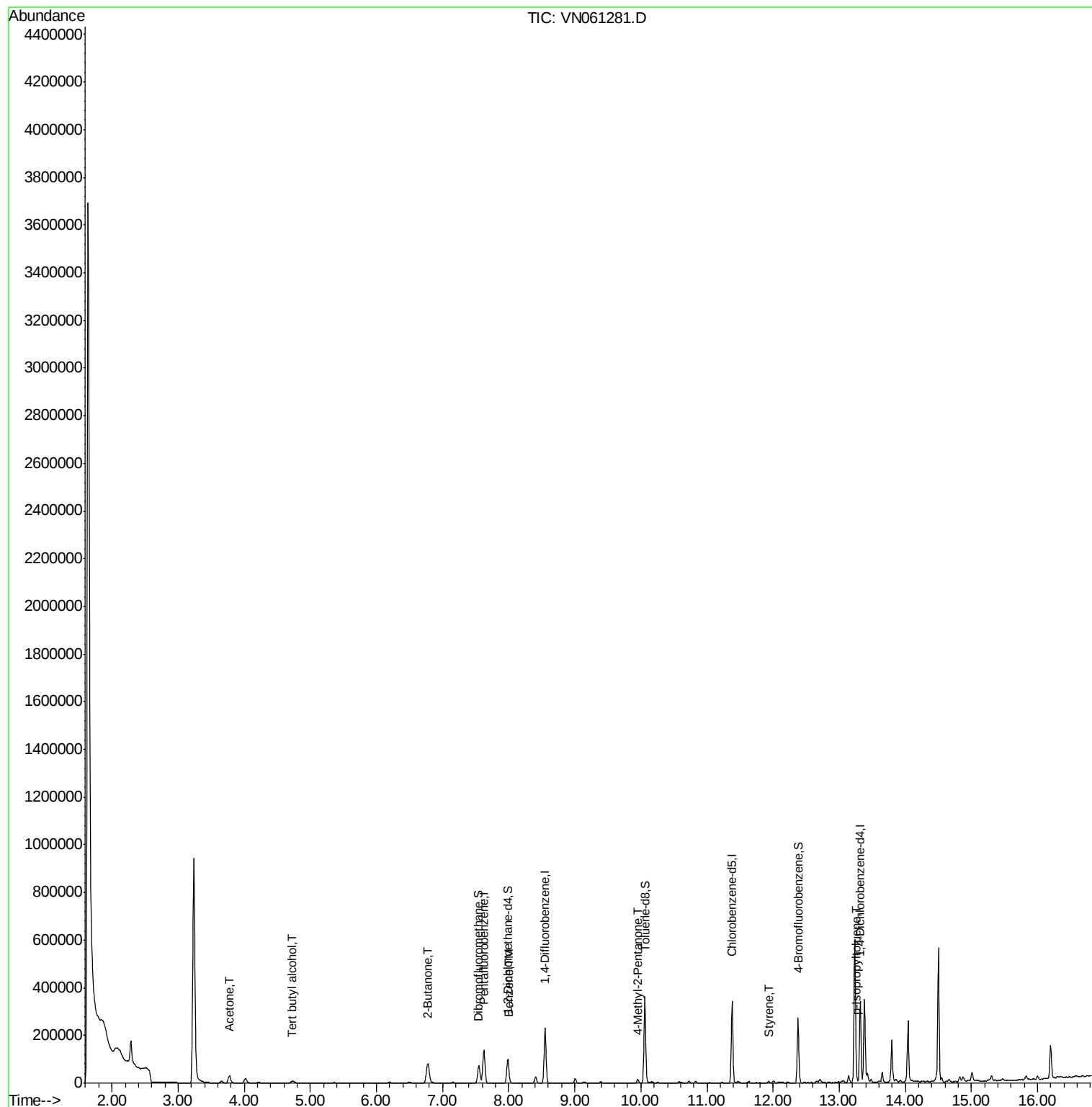
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050420\
Data File : VN061281.D
Acq On : 4 May 2020 16:26
Operator : JC/MD
Sample : L2457-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

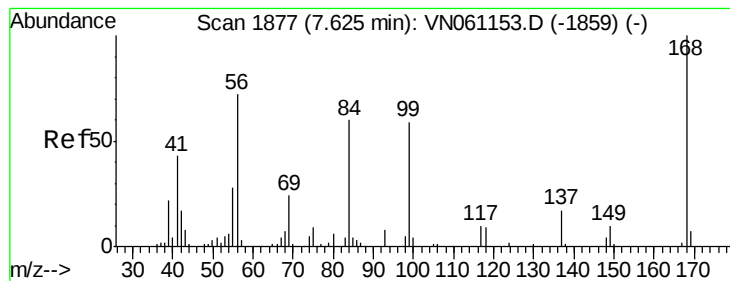
Instrument :
MSVOA_N
ClientSampleId :
1341

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Quant Time: May 05 05:02:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VN061281.D

Acq: 4 May 2020 16:26

Instrument :

MSVOA_N

ClientSampled :

1341

Tot Ion:168 Resp: 105202

Ion Ratio Lower Upper

168 100

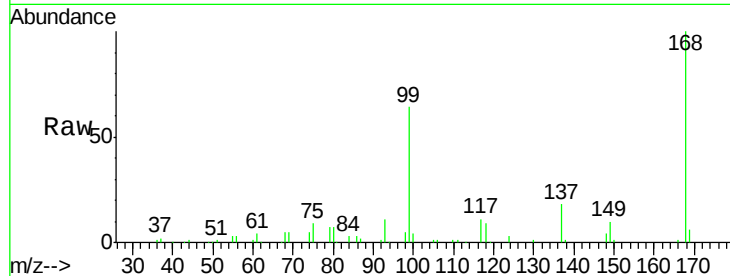
99 64.4 51.2 76.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

40000

30000

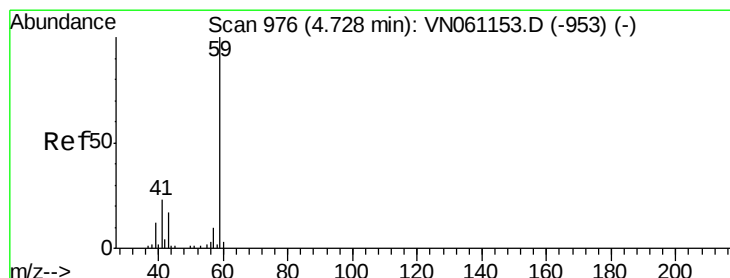
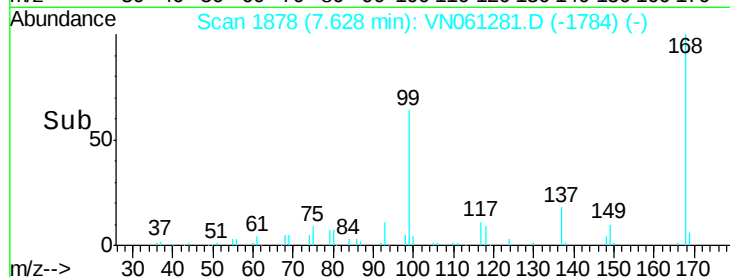
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#11

Tert butyl alcohol

Concen: 73.941 ug/l

RT: 4.73 min Scan# 976

Delta R.T. 0.00 min

Lab File: VN061281.D

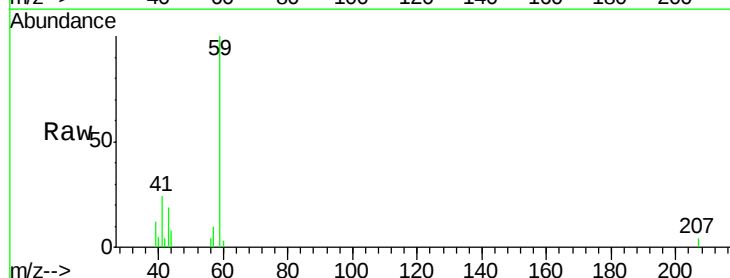
Acq: 4 May 2020 16:26

Tgt Ion: 59 Resp: 16488

Ion Ratio Lower Upper

59 100

57 5.1 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

5000

4000

3000

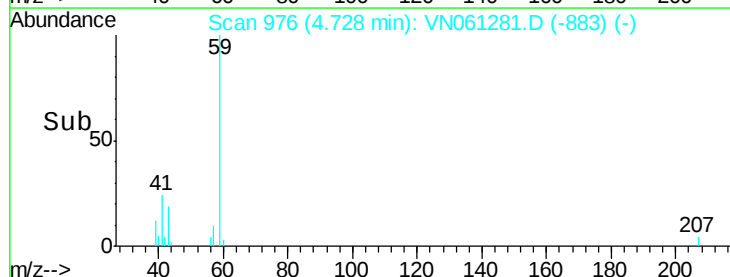
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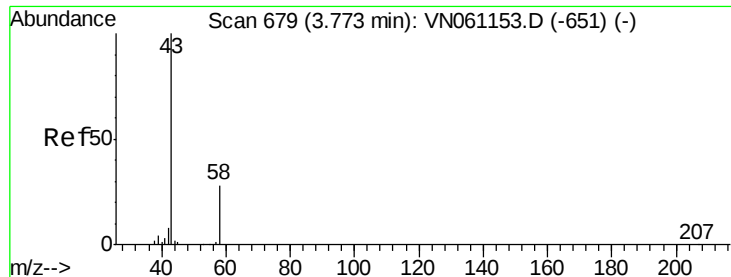
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0

4.60 4.70 4.80

Time-->





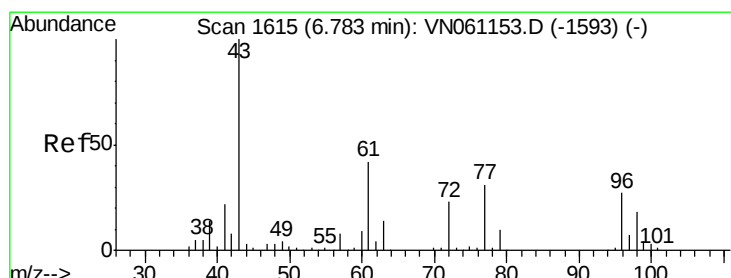
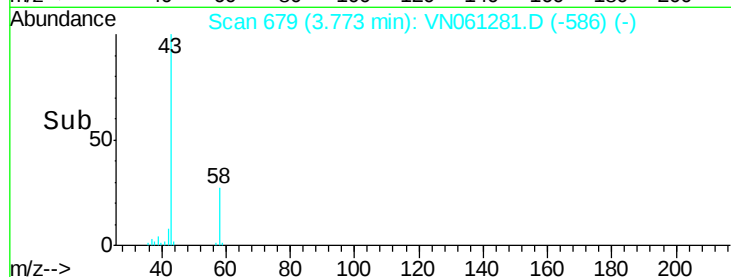
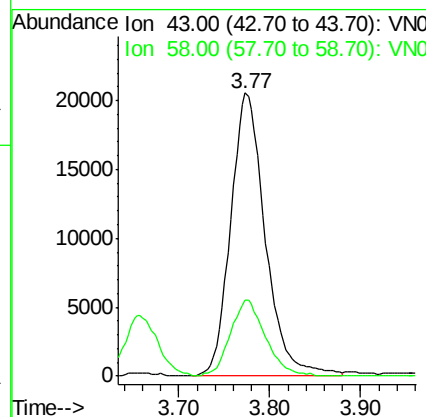
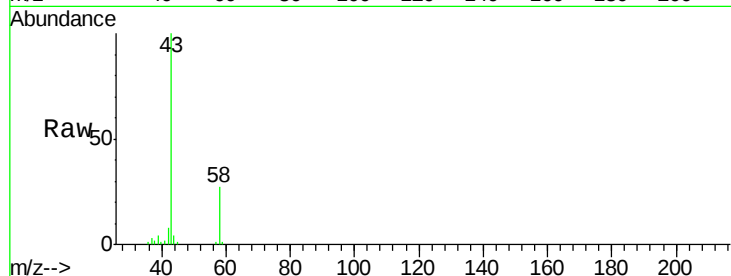
#16
Acetone
Concen: 80.688 ug/l
RT: 3.77 min Scan# 679
Delta R.T. 0.00 min
Lab File: VN061281.D
Acq: 4 May 2020 16:26

Instrument :
MSVOA_N
ClientSampled :
1341

Tot Ion: 43 Resp: 54355
Ion Ratio Lower Upper
43 100
58 26.7 22.2 33.2

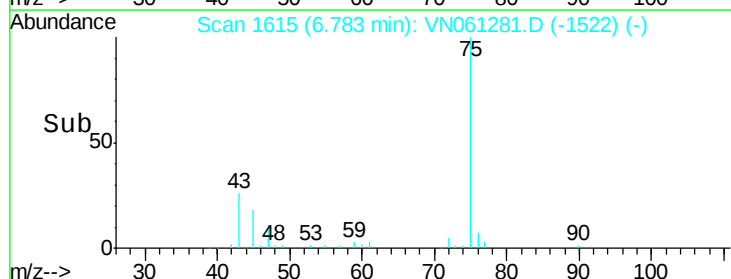
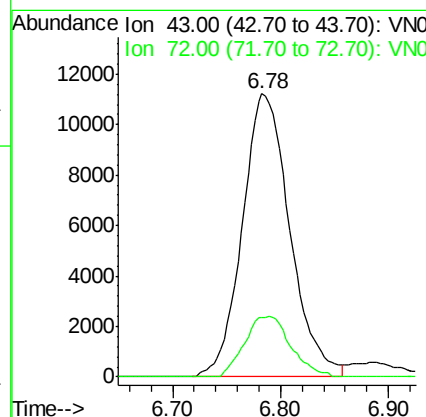
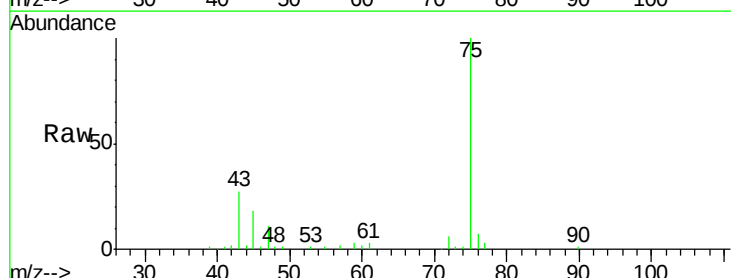
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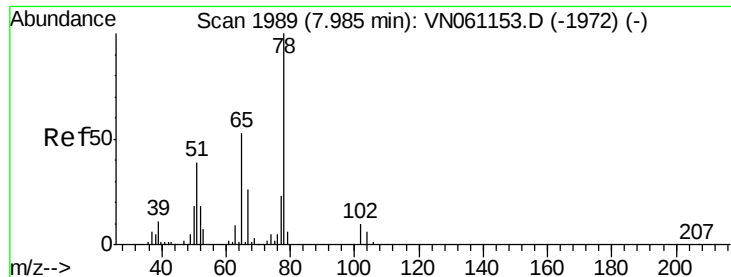
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#25
2-Butanone
Concen: 34.880 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061281.D
Acq: 4 May 2020 16:26

Tgt Ion: 43 Resp: 34357
Ion Ratio Lower Upper
43 100
72 21.0 18.2 27.4





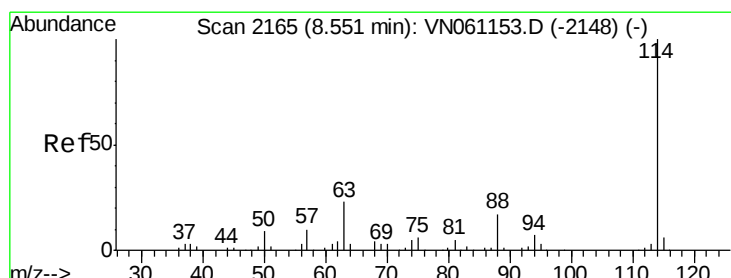
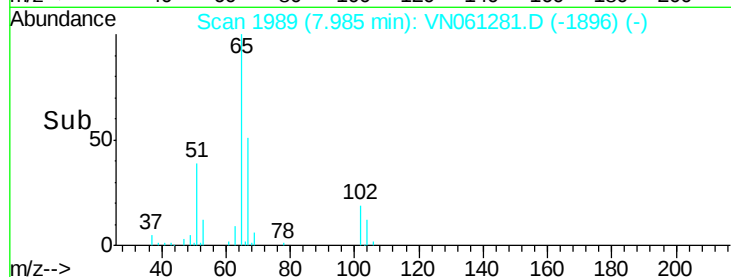
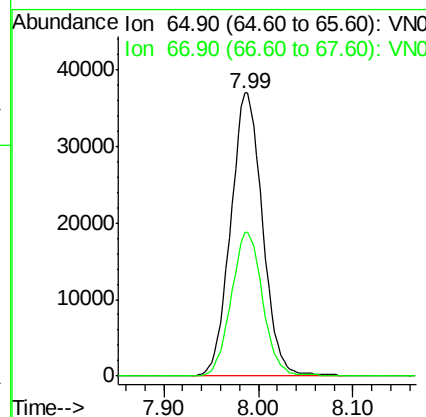
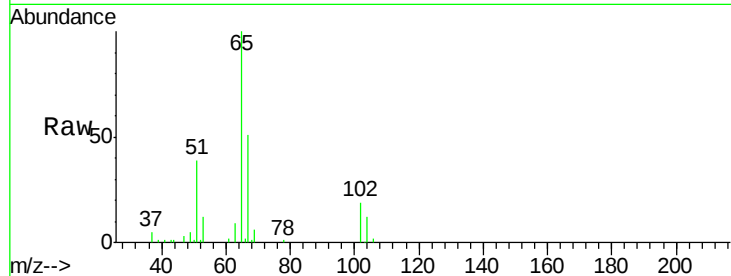
#33
 1,2-Dichloroethane-d4
 Concen: 51.850 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061281.D
 Acq: 4 May 2020 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 1341

Tot Ion	Ratio	Resp	Lower	Upper
65	100	86311		
67	50.0	0.0	101.6	

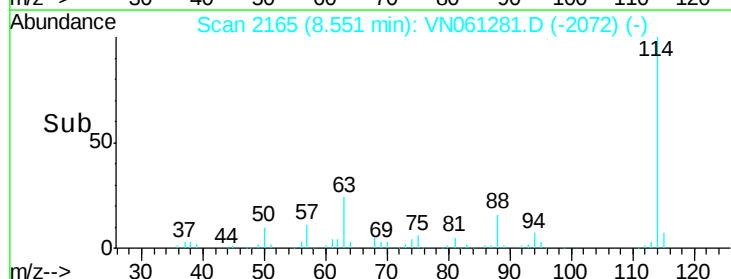
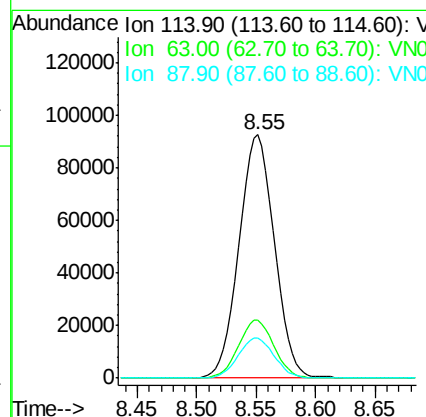
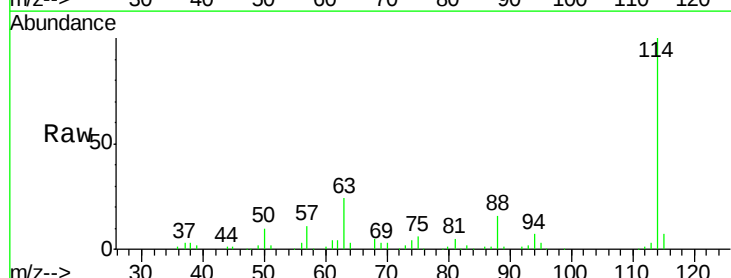
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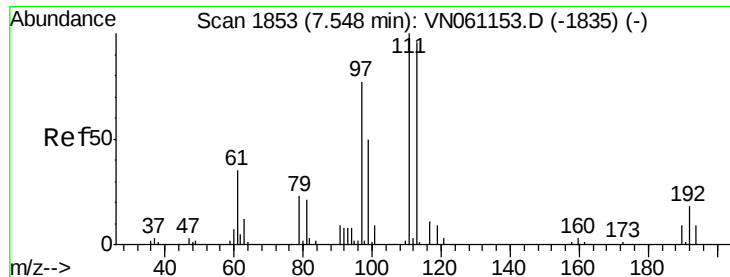
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061281.D
 Acq: 4 May 2020 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	191378		
63	23.8	0.0	46.6	
88	16.3	0.0	33.4	





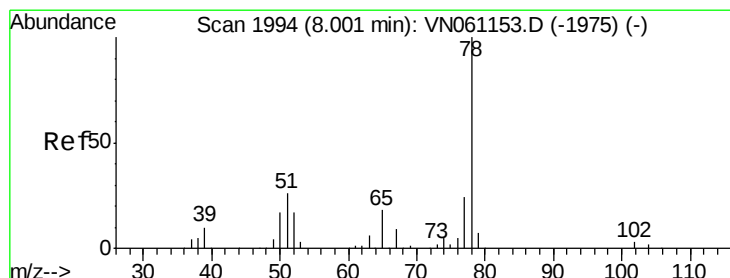
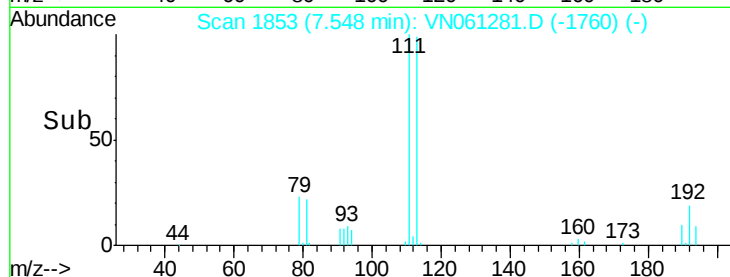
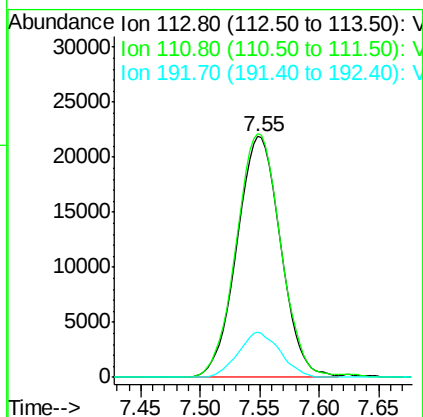
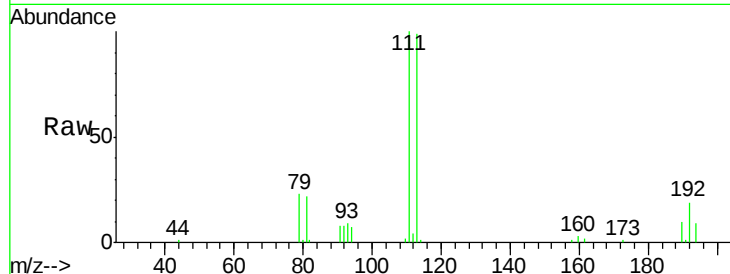
#35
Dibromofluoromethane
Concen: 49.233 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061281.D
Acq: 4 May 2020 16:26

Instrument :
MSVOA_N
ClientSampled :
1341

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	17.9	14.7	22.1

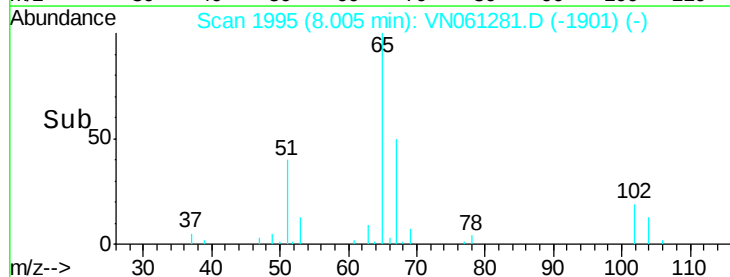
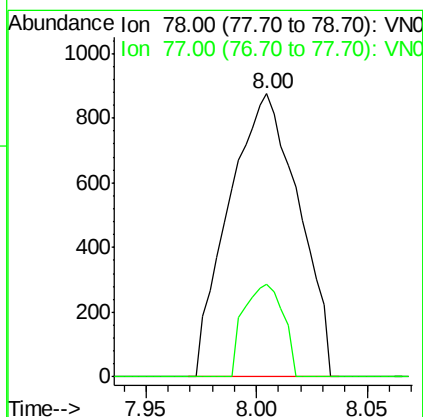
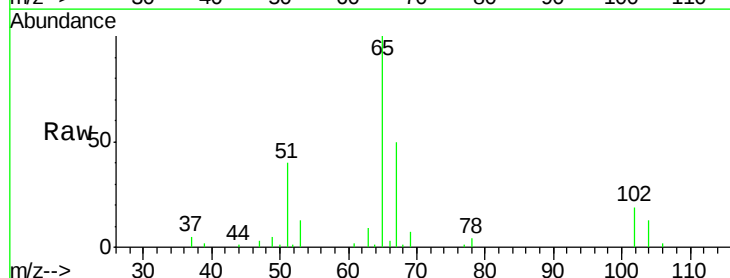
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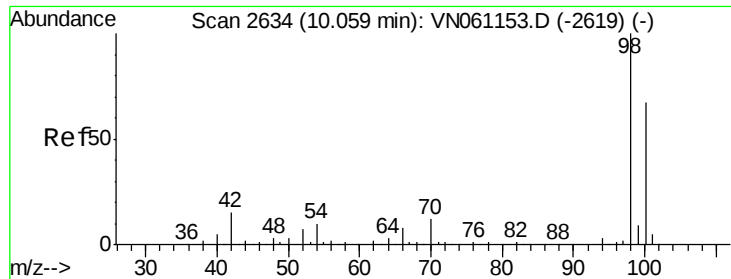
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#40
Benzene
Concen: 0.335 ug/l
RT: 8.00 min Scan# 1995
Delta R.T. 0.00 min
Lab File: VN061281.D
Acq: 4 May 2020 16:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	32.8	19.0	28.6





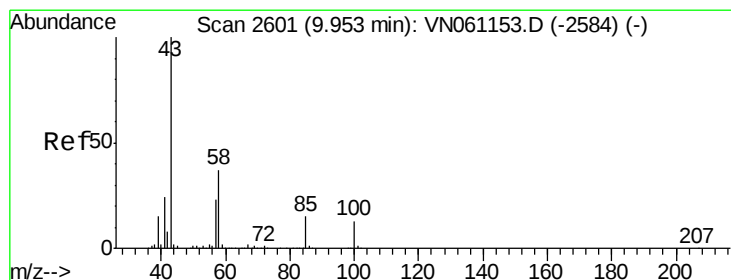
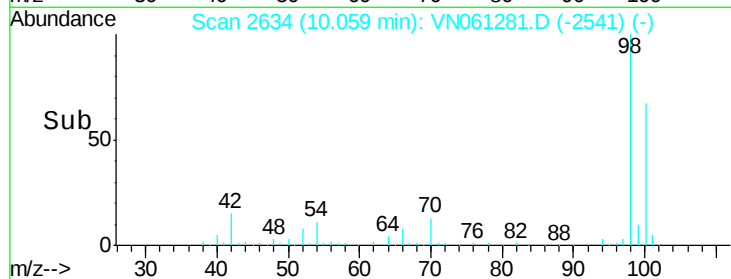
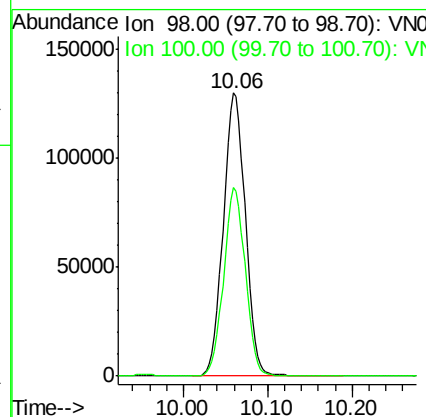
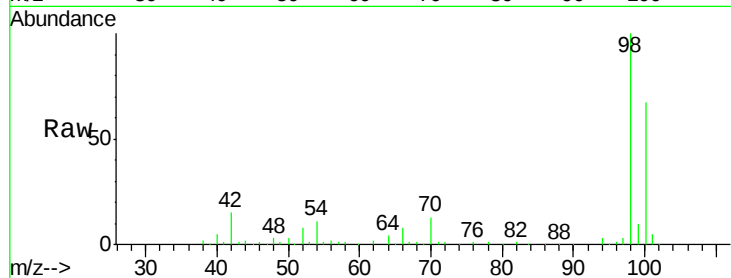
#50
Toluene-d8
Concen: 51.184 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061281.D
Acq: 4 May 2020 16:26

Instrument :
MSVOA_N
ClientSampled :
1341

Tot Ion: 98 Resp: 236126
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.0

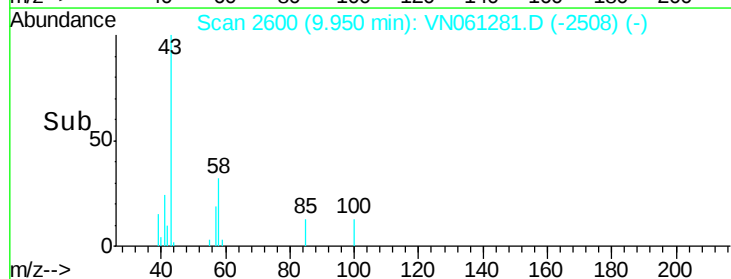
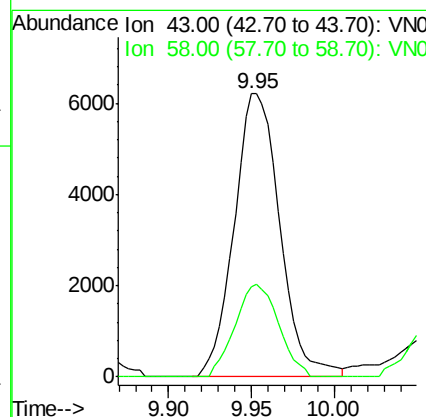
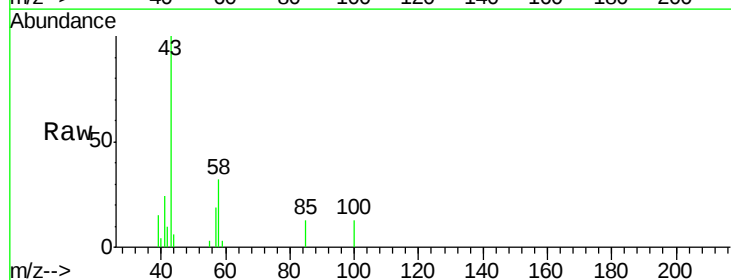
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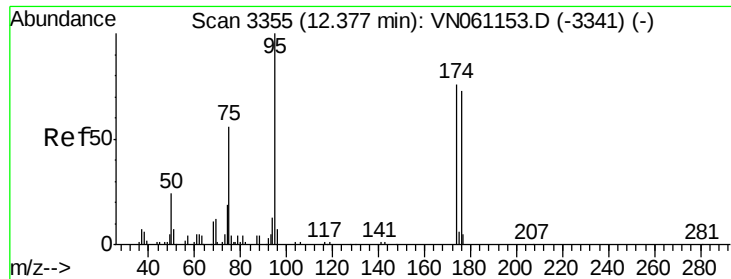
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#51
4-Methyl-2-Pentanone
Concen: 5.429 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. -0.00 min
Lab File: VN061281.D
Acq: 4 May 2020 16:26

Tgt Ion: 43 Resp: 11911
Ion Ratio Lower Upper
43 100
58 31.1 29.1 43.7





#62

4-Bromofluorobenzene

Concen: 52.714 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061281.D

Acq: 4 May 2020 16:26

Instrument :

MSVOA_N

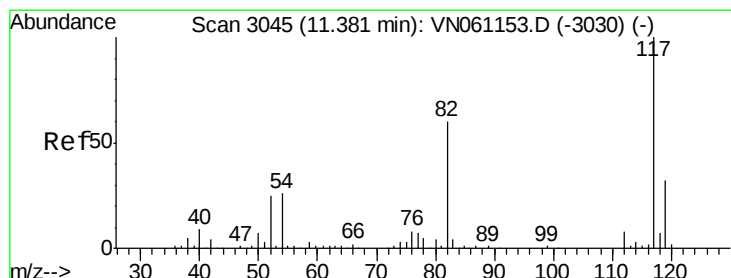
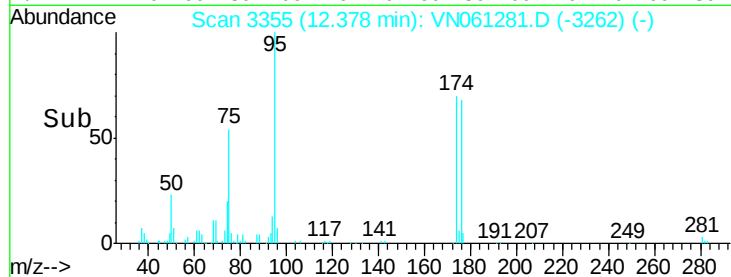
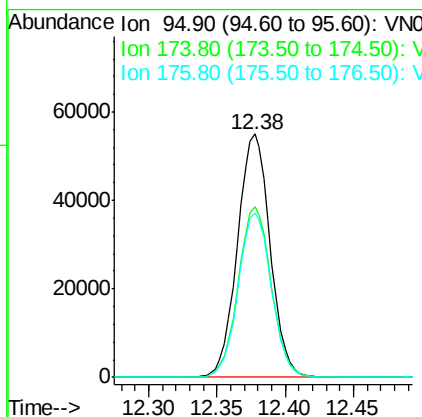
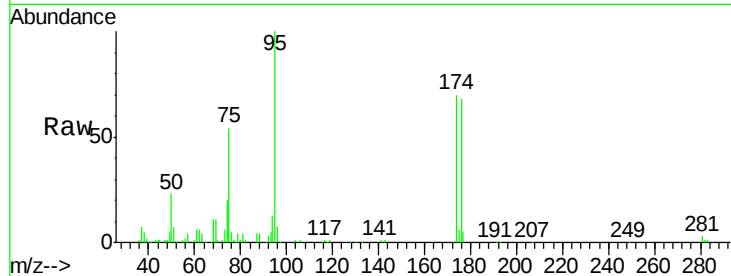
ClientSampled :

1341

Tot Ion:	95	Resp:	91514
Ion Ratio	Lower	Upper	
95	100		
174	71.0	0.0	149.4
176	68.5	0.0	144.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

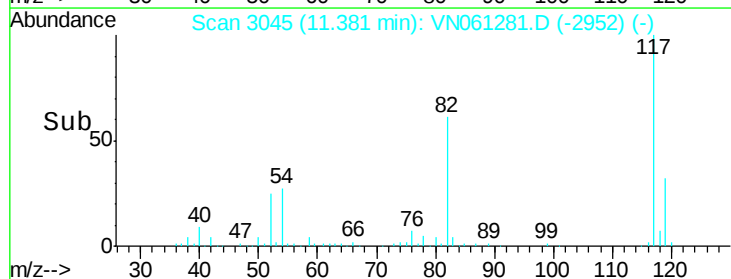
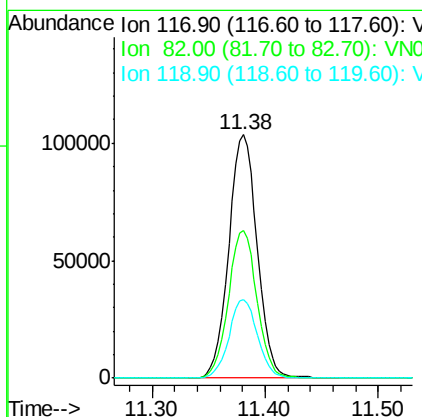
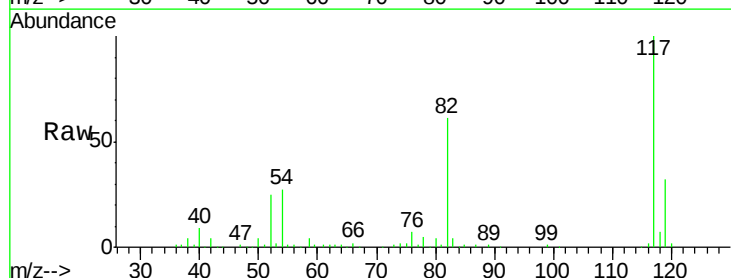
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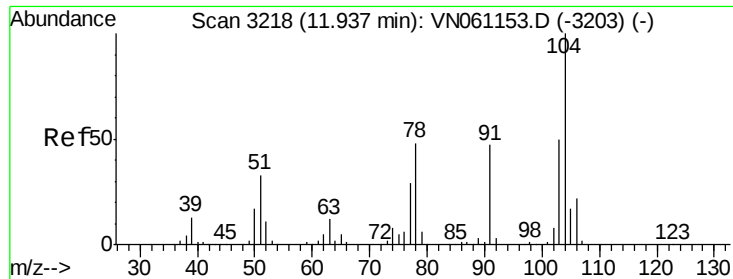
Delta R.T. 0.00 min

Lab File: VN061281.D

Acq: 4 May 2020 16:26

Tgt Ion:	117	Resp:	181227
Ion Ratio	Lower	Upper	
117	100		
82	60.7	47.8	71.8
119	32.4	25.8	38.6





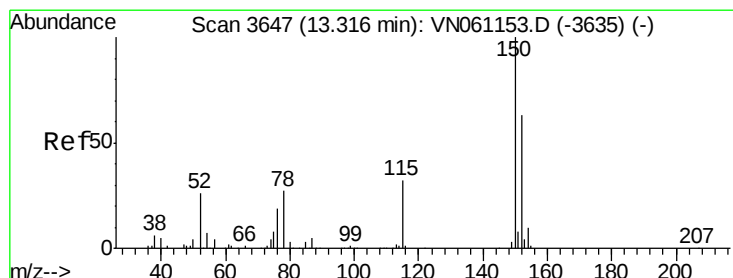
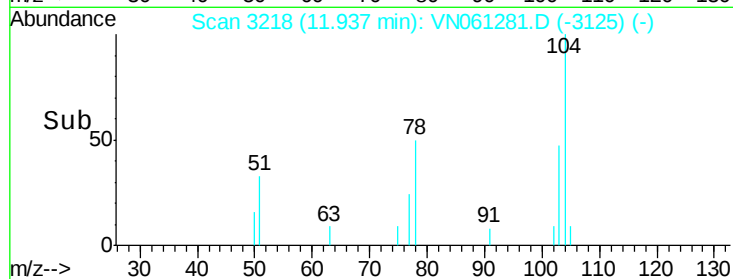
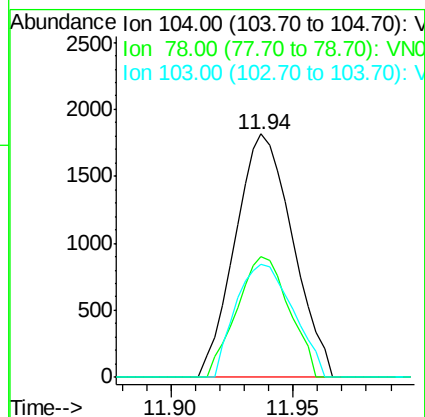
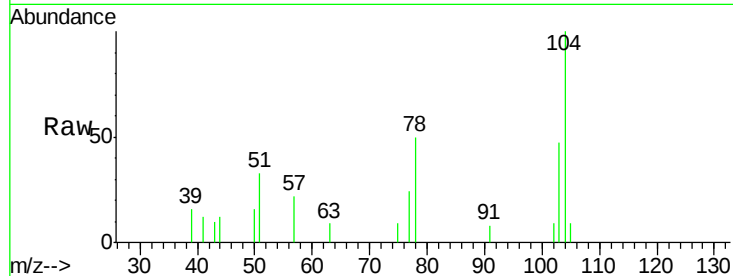
#70
Stvrene
Concen: 0.749 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061281.D
Acq: 4 May 2020 16:26

Instrument :
MSVOA_N
ClientSampled :
1341

Tot Ion	Ratio	Lower	Upper
104	100		
78	45.1	42.1	63.1
103	46.3	43.3	64.9

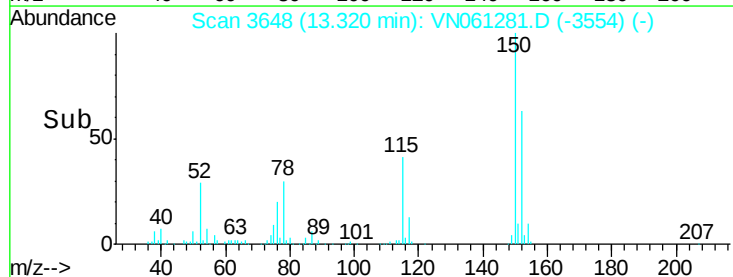
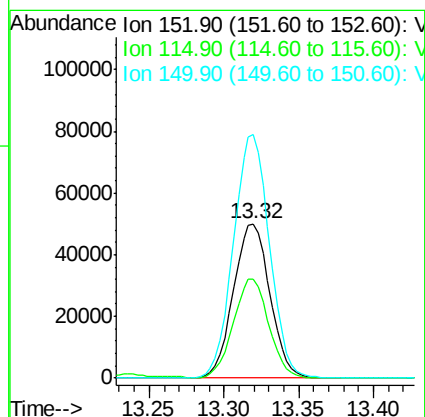
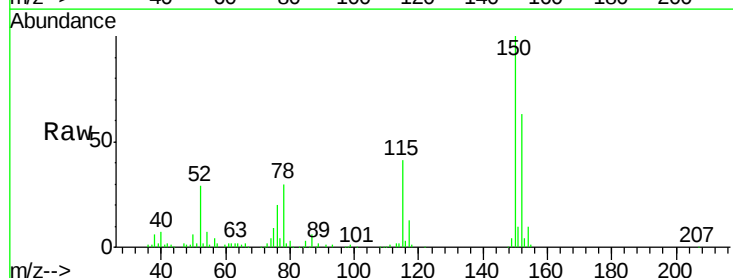
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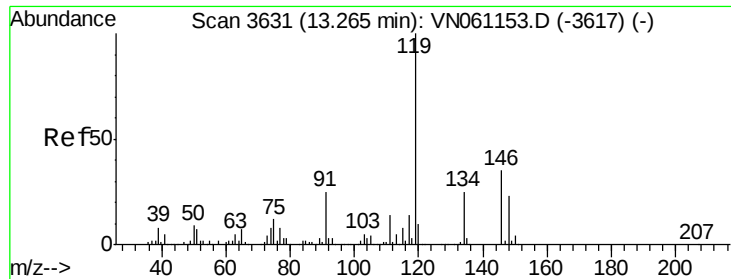
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061281.D
Acq: 4 May 2020 16:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	31.0	93.0
150	156.0	0.0	351.8





#86
 p-Isopropyltoluene
 Concen: 1.998 ug/l m
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061281.D
 Acq: 4 May 2020 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 1341

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	12.6	37.6
91	0.0	12.7	38.0

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