

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120518\
 Data File : VN052683.D
 Acq On : 5 Dec 2018 18:14
 Operator : MD\SY
 Sample : J6233-02RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

Quant Time: Dec 06 04:30:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1131943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1756998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1539926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	609462	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	609952	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
35) Dibromofluoromethane	7.59	113	373236	34.46	ug/l	0.00
Spiked Amount			Recovery	=	68.92%	
50) Toluene-d8	10.09	98	2130939	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.40	95	671813	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.42	74	1931	0.296	ug/l #	49
11) Tert butyl alcohol	4.77	59	157	0.254	ug/l #	73
14) Allyl chloride	4.55	41	485425	26.562	ug/l #	27
16) Acetone	3.82	43	151487	46.600	ug/l	98
18) Methyl Acetate	4.33	43	3092	0.332	ug/l #	68
20) Methylene Chloride	4.55	84	13098126	1029.628	ug/l	99
25) 2-Butanone	6.84	43	4733	1.027	ug/l #	80
29) Tetrahydrofuran	7.21	42	740	0.249	ug/l #	50
31) Cyclohexane	7.66	56	19292	0.548	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	77370	4.663	ug/l #	50
38) Carbon Tetrachloride	7.67	117	99082	6.597	ug/l #	16
43) Isopropyl Acetate	8.28	43	86755	5.063	ug/l #	51
48) Methyl methacrylate	9.18	41	15609	1.747	ug/l #	23
51) 4-Methyl-2-Pentanone	9.98	43	6224	0.647	ug/l	100
52) Toluene	10.16	92	47540	1.618	ug/l	98
56) Ethyl methacrylate	10.64	69	366	2.717	ug/l #	1
59) 2-Hexanone	10.72	43	34540	5.353	ug/l #	24
68) m/p-Xylenes	11.62	106	10780	0.521	ug/l	98
69) o-Xylene	11.95	106	6002	0.299	ug/l	87
71) Bromoform	12.40	173	4161	0.569	ug/l #	1
73) Isopropylbenzene	12.25	105	13494	0.282	ug/l	99
76) 1,2,3-Trichloropropane	12.40	75	324201	34.496	ug/l #	100
78) n-propylbenzene	12.59	91	23757	0.437	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	21469	0.563	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	324201	115.200	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	46858	1.226	ug/l	99
85) sec-Butylbenzene	13.17	105	18560	0.401	ug/l	84
86) p-Isopropyltoluene	13.29	119	10455	0.265	ug/l	97
89) n-Butylbenzene	13.61	91	10432	0.318	ug/l #	69
90) Hexachloroethane	13.89	117	7623	1.141	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.90	180	1271	2.940	ug/l #	86
95) Naphthalene	15.13	128	350652	17.662	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	266	2.752	ug/l #	63

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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration

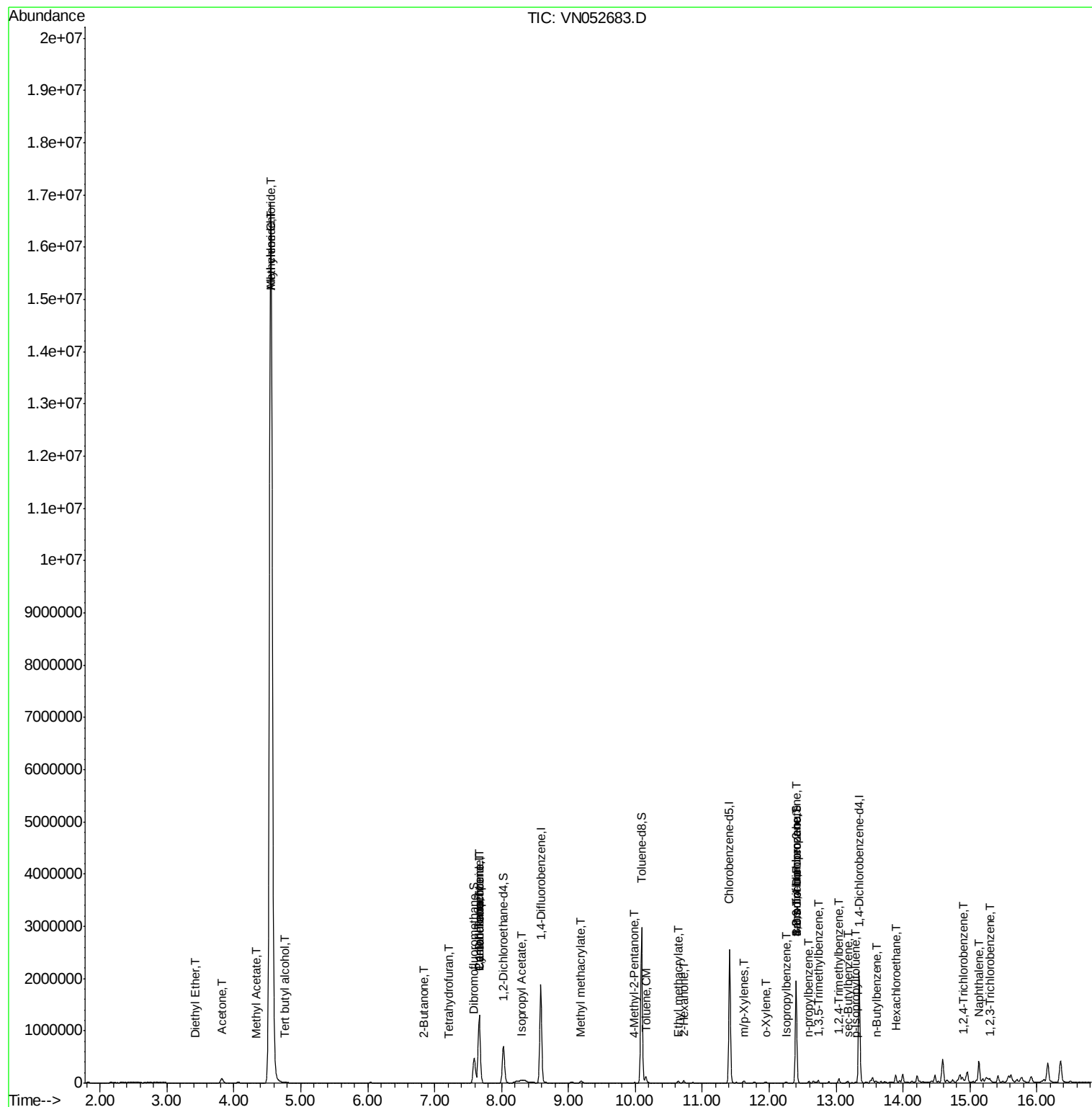
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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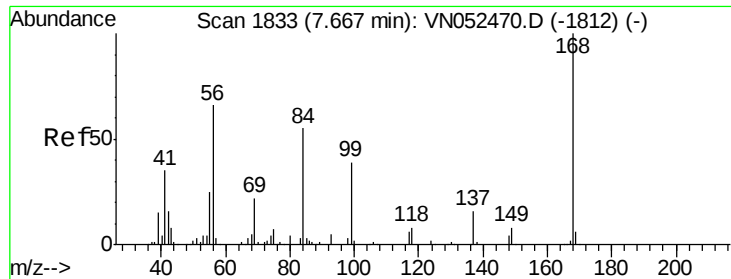
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

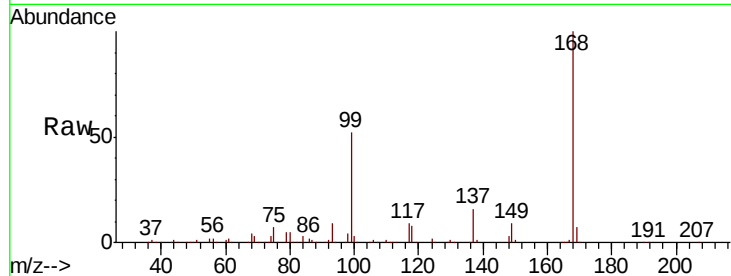
SB-1

Tot Ion:168 Resp: 1131943

Ion Ratio Lower Upper

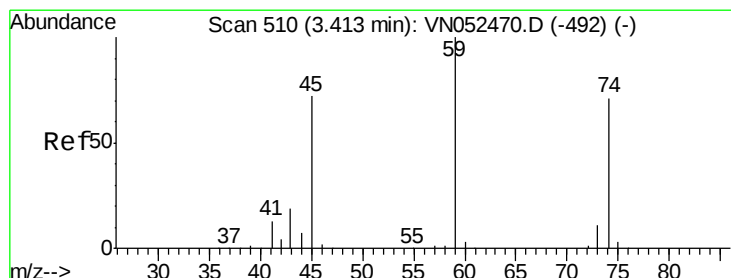
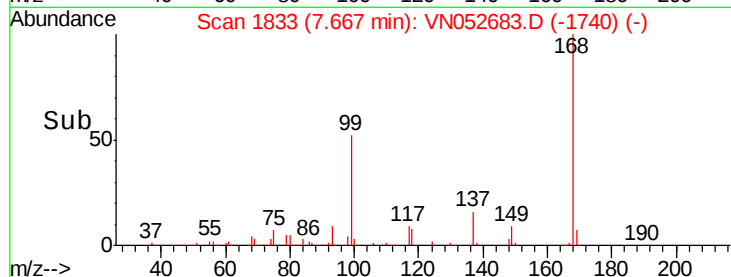
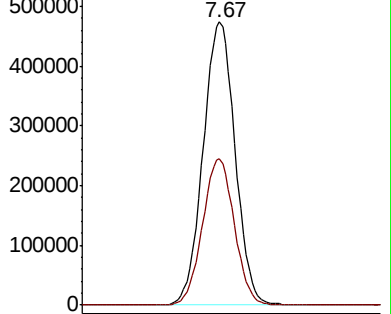
168 100

99 51.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#8

Diethyl Ether

Concen: 0.296 ug/l

RT: 3.42 min Scan# 513

Delta R.T. 0.01 min

Lab File: VN052683.D

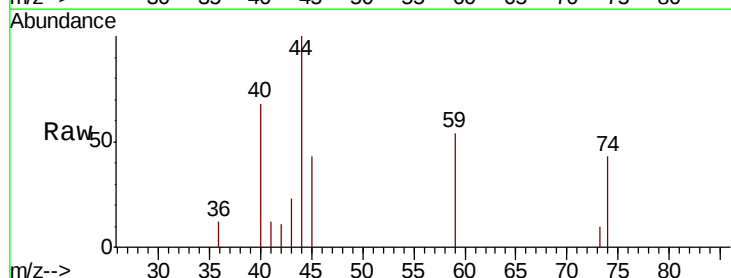
Acq: 5 Dec 2018 18:14

Tgt Ion: 74 Resp: 1931

Ion Ratio Lower Upper

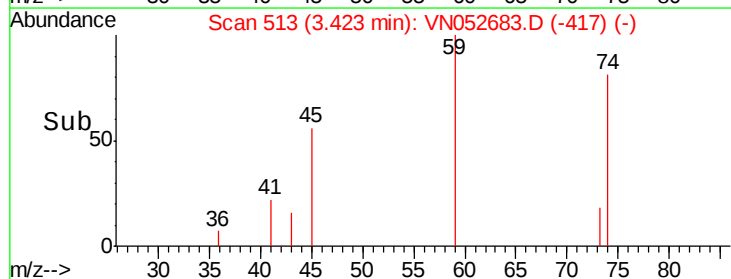
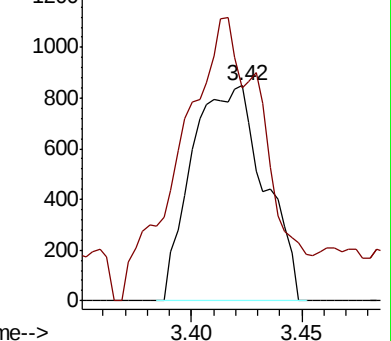
74 100

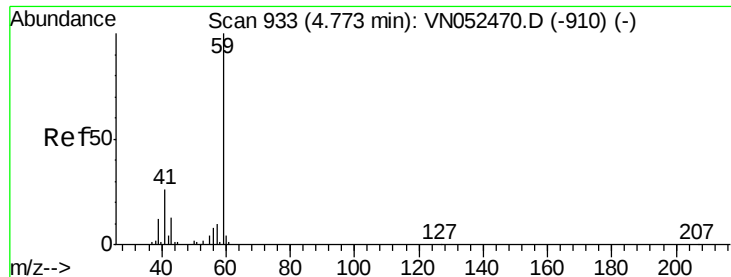
45 152.5 50.4 151.3#



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#11

Tert butyl alcohol

Concen: 0.254 ug/l

RT: 4.77 min Scan# 931

Delta R.T. -0.01 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampled :

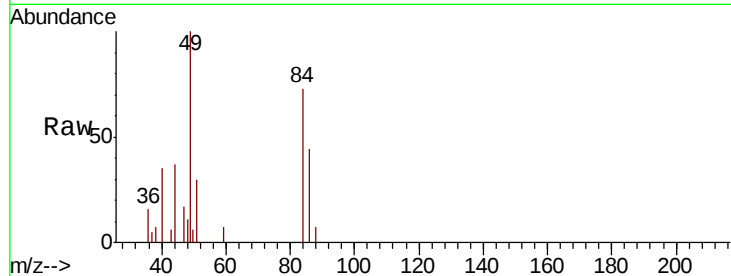
SB-1

Tot Ion: 59 Resp: 157

Ion Ratio Lower Upper

59 100

57 0.0 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.77

250

200

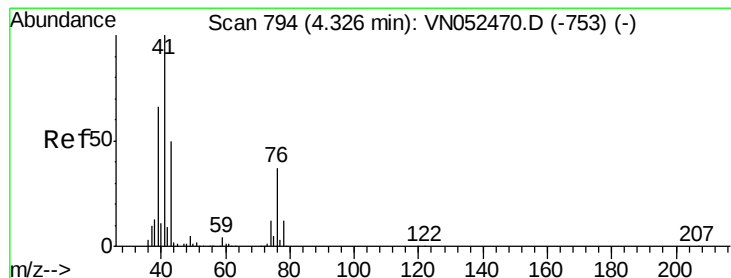
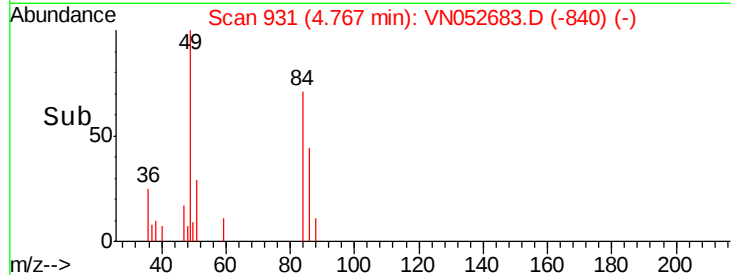
150

100

50

0

Time-->



#14

Allyl chloride

Concen: 26.562 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

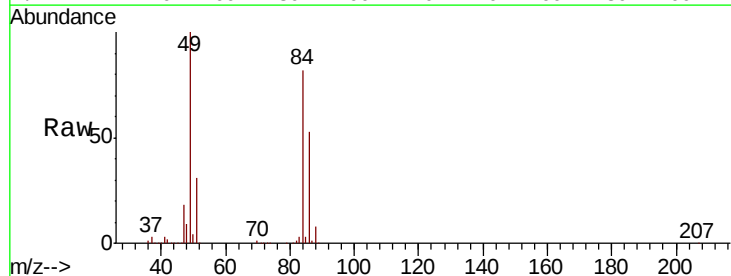
Tgt Ion: 41 Resp: 485425

Ion Ratio Lower Upper

41 100

39 0.8 50.6 76.0#

76 0.0 27.4 41.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.55

200000

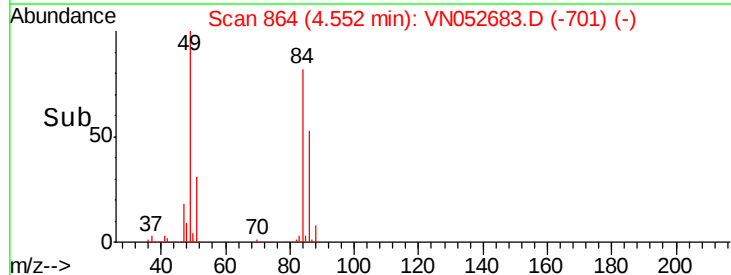
150000

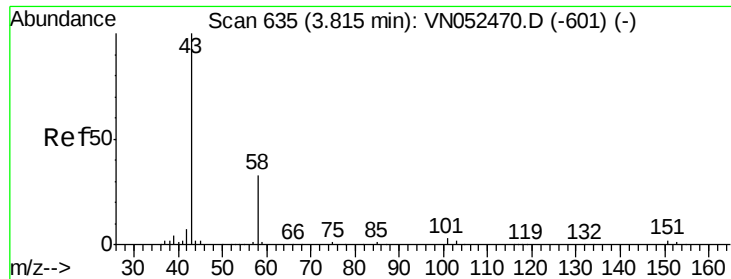
100000

50000

0

Time-->





#16

Acetone

Concen: 46.600 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampled :

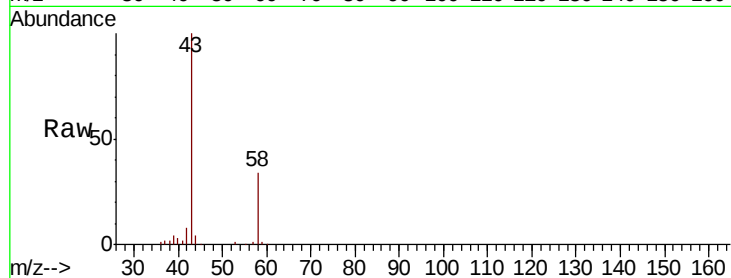
SB-1

Tot Ion: 43 Resp: 151487

Ion Ratio Lower Upper

43 100

58 33.8 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

60000

50000

40000

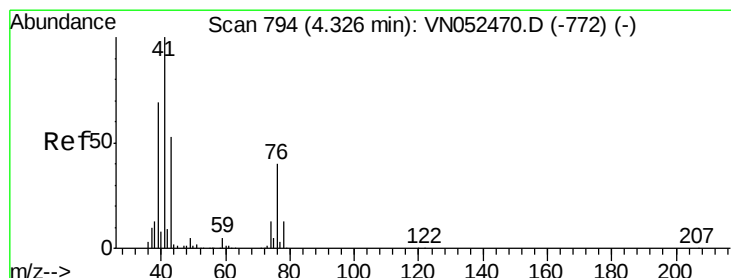
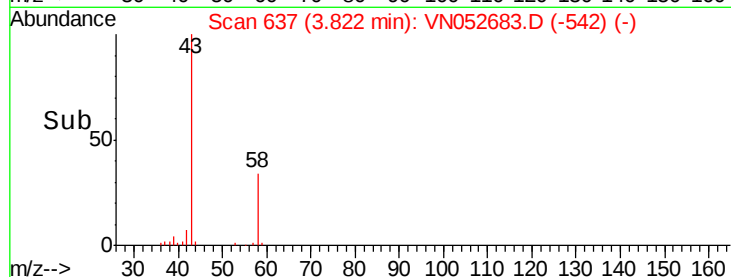
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 0.332 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN052683.D

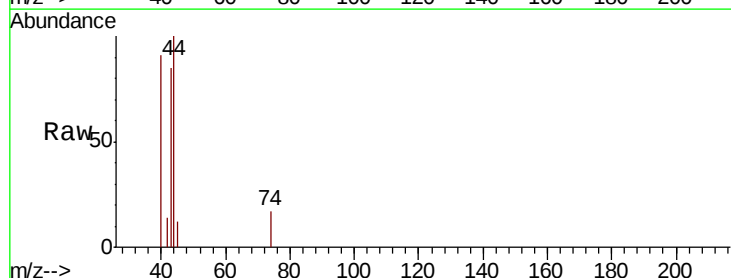
Acq: 5 Dec 2018 18:14

Tgt Ion: 43 Resp: 3092

Ion Ratio Lower Upper

43 100

74 7.6 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

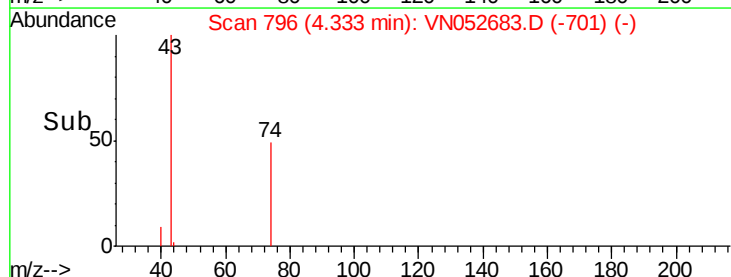
4.33

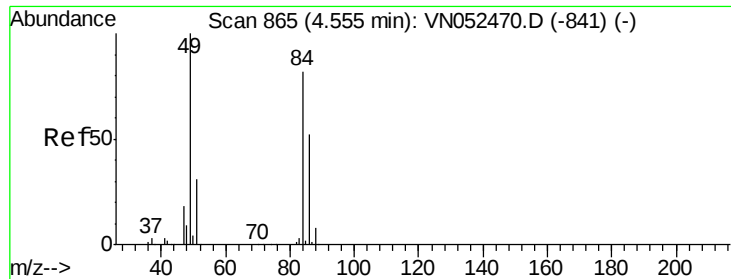
1000

500

0

Time-->



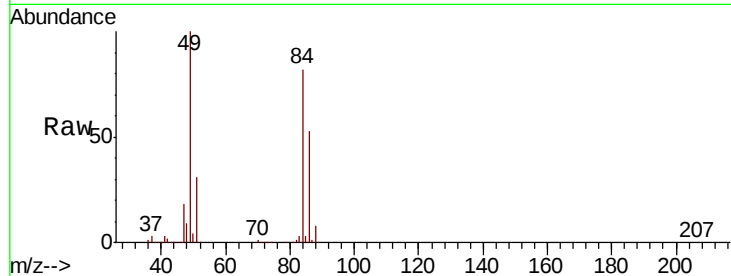


#20
Methylene Chloride
Concen: 1029.628 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

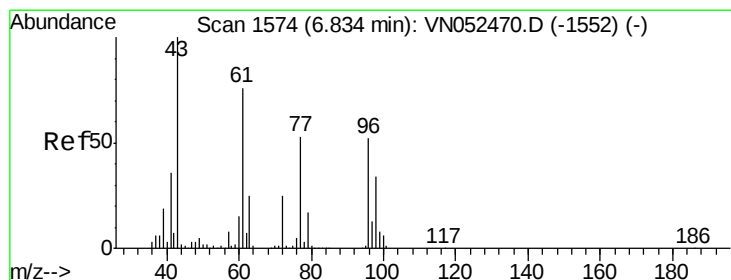
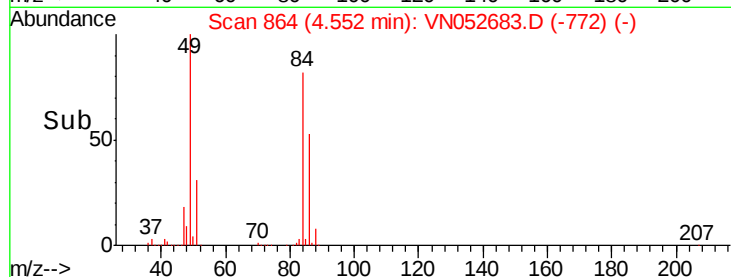
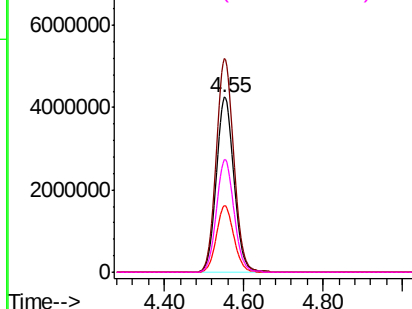
Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tot Ion: 84 Resp:13098126

Ion	Ratio	Lower	Upper
84	100		
49	122.2	98.0	147.0
51	38.0	30.1	45.1
86	64.4	50.7	76.1



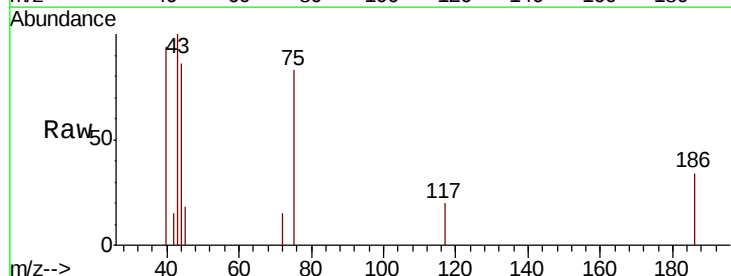
Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0



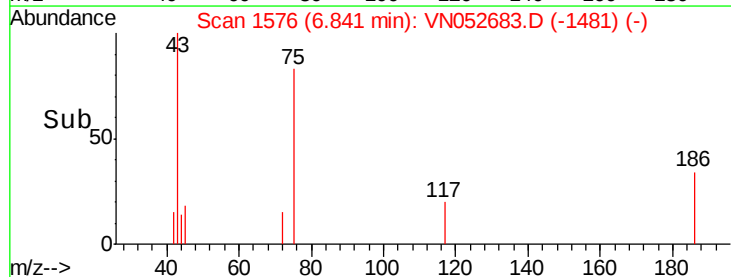
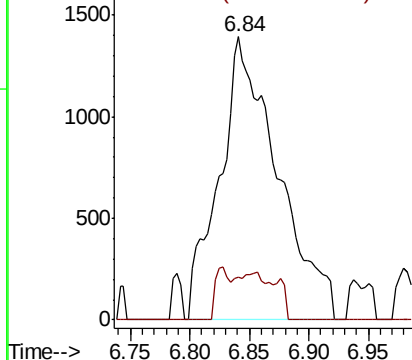
#25
2-Butanone
Concen: 1.027 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

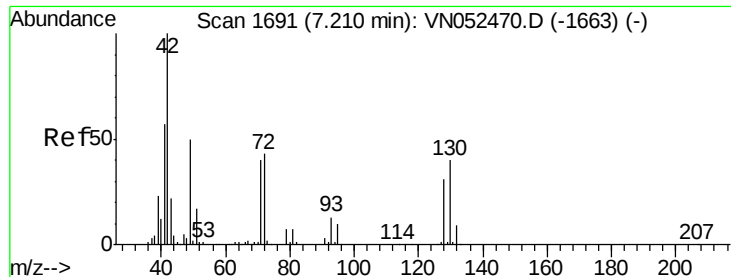
Tgt Ion: 43 Resp: 4733

Ion	Ratio	Lower	Upper
43	100		
72	15.0	20.1	30.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

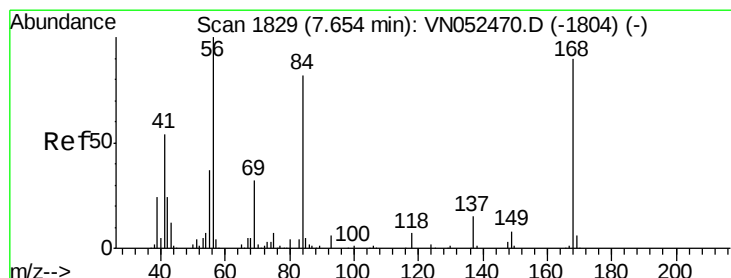
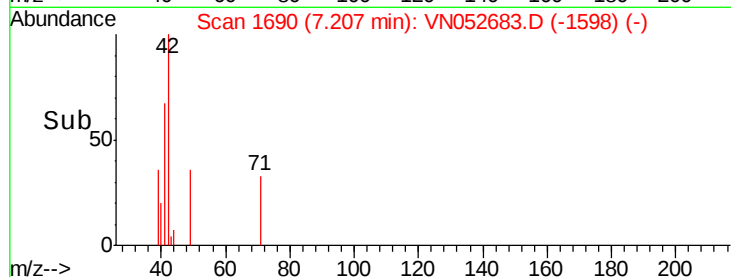
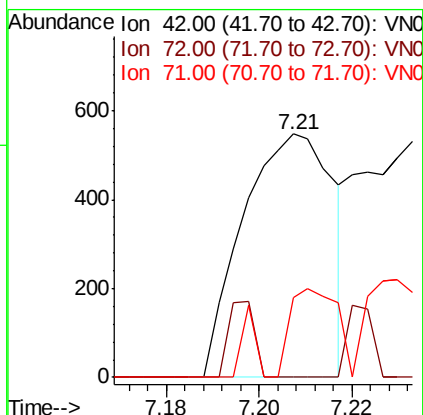
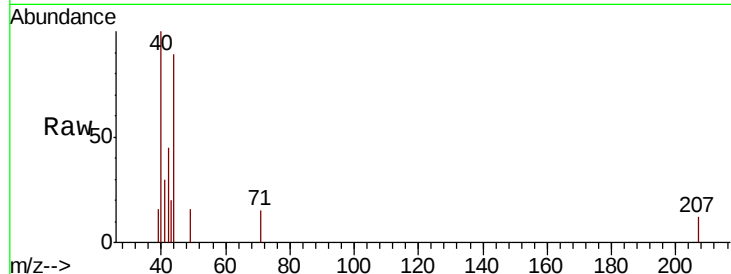




#29
Tetrahydrofuran
Concen: 0.249 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

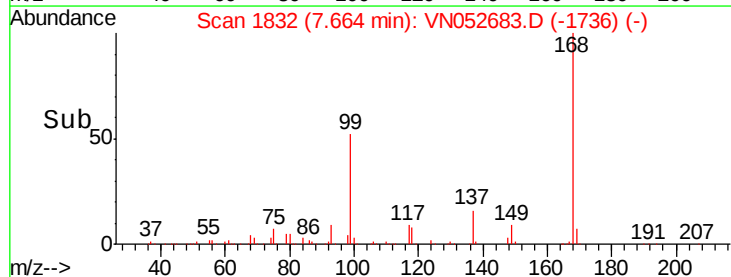
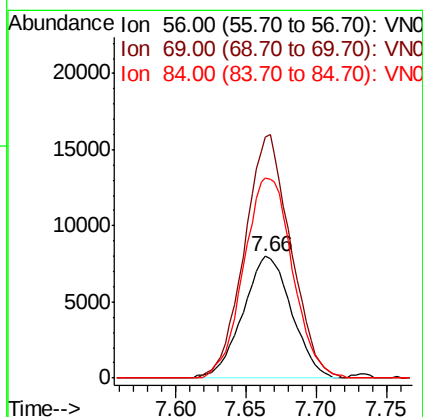
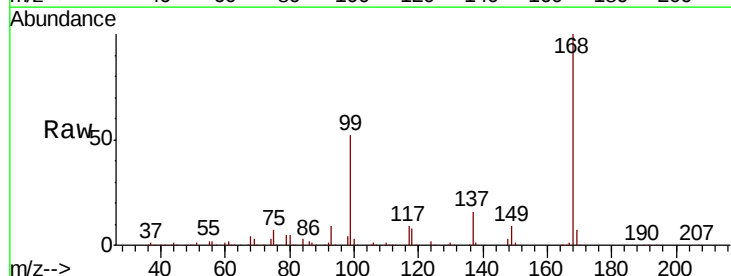
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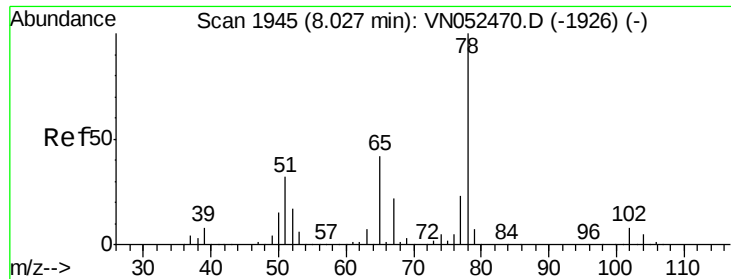
Tot Ion: 42 Resp: 740
Ion Ratio Lower Upper
42 100
72 0.0 33.3 49.9#
71 19.1 32.0 48.0#



#31
Cyclohexane
Concen: 0.548 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

Tgt Ion: 56 Resp: 19292
Ion Ratio Lower Upper
56 100
69 198.6 25.8 38.6#
84 164.5 65.3 97.9#

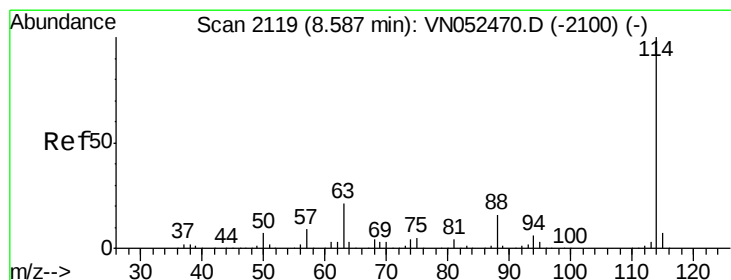
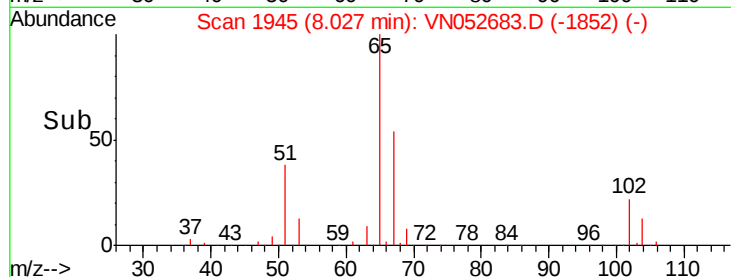
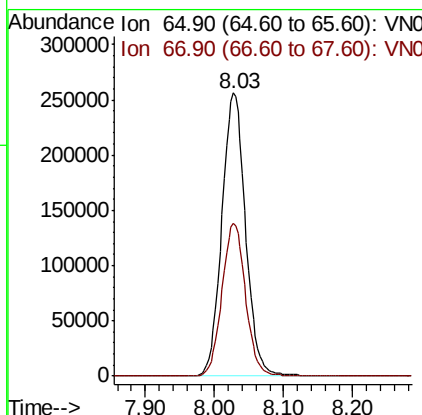
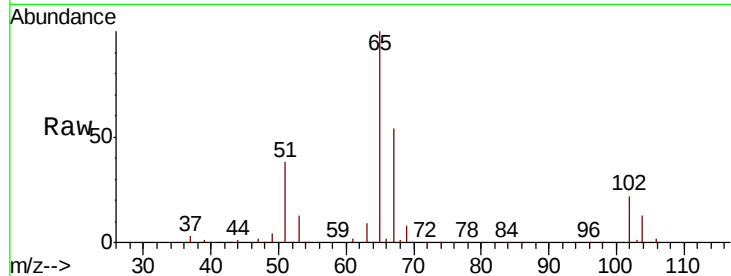




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052683.D
 Acq: 5 Dec 2018 18:14

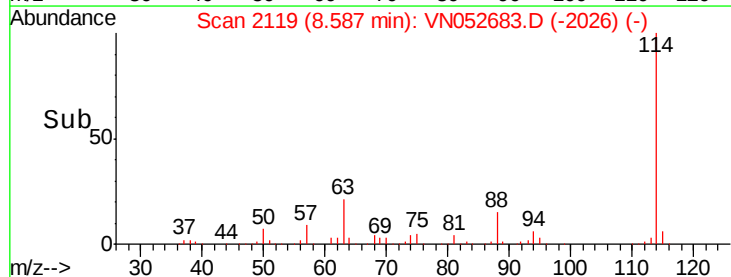
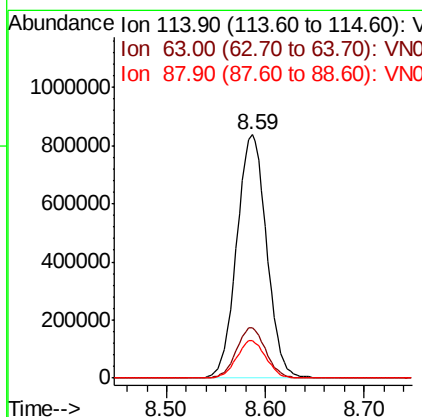
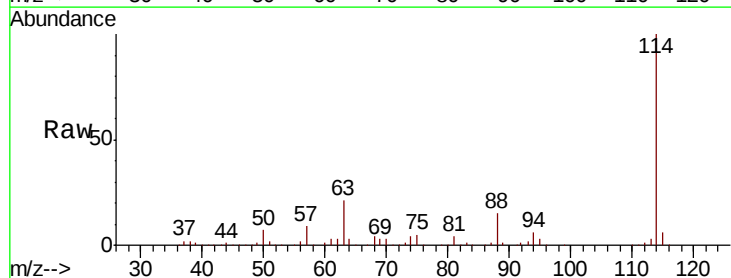
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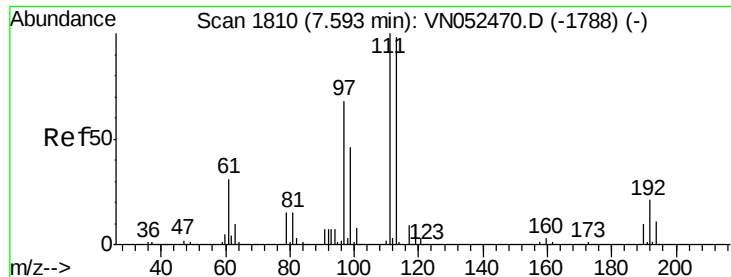
Tot Ion: 65 Resp: 609952
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052683.D
 Acq: 5 Dec 2018 18:14

Tgt Ion: 114 Resp: 1756998
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.8
 88 15.3 0.0 31.6

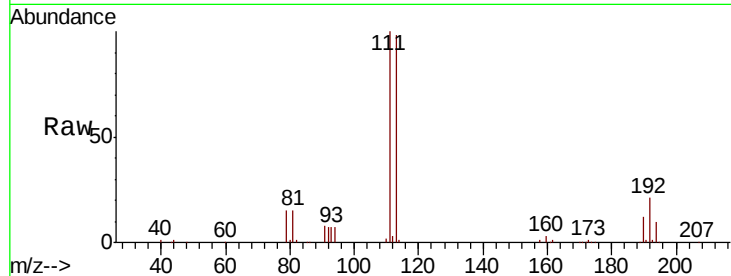




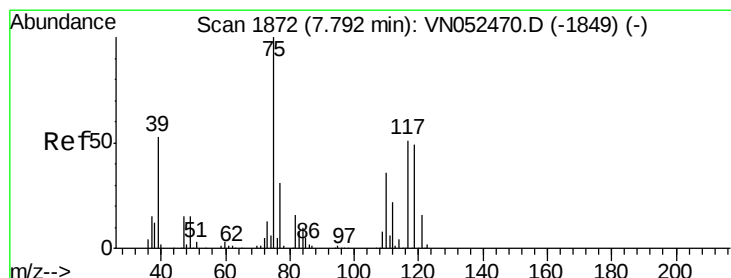
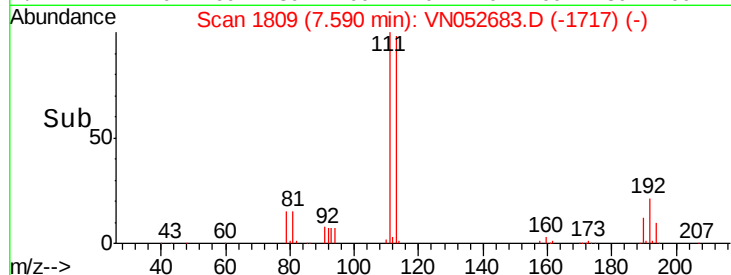
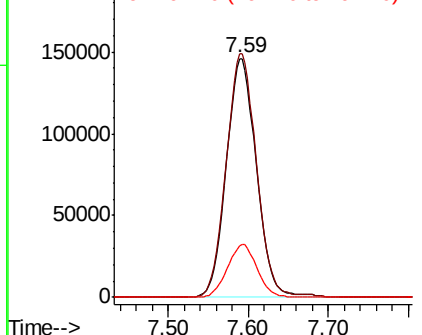
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	21.8	17.0	25.6

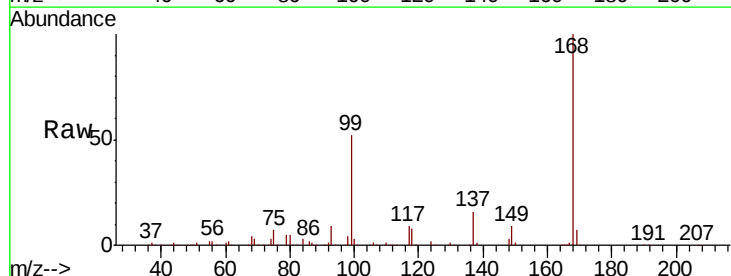


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

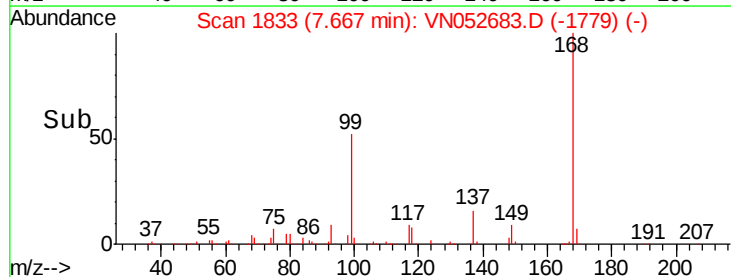
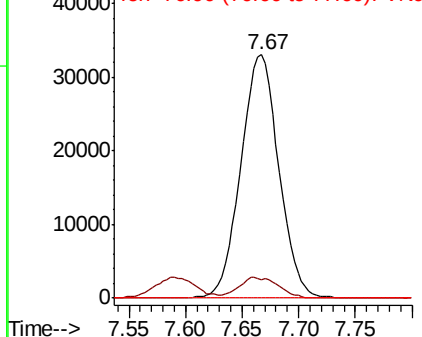


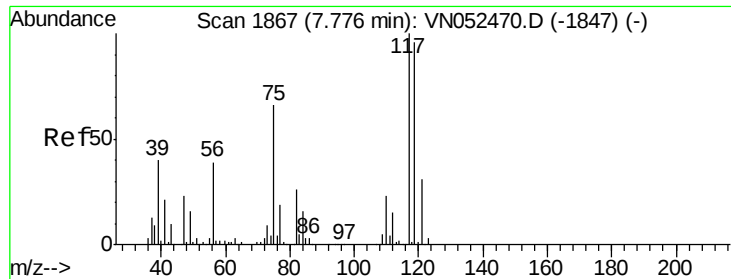
#36
1,1-Dichloropropene
Concen: 4.663 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.5	52.6#
77	0.0	24.5	36.7#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 6.597 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampled :

SB-1

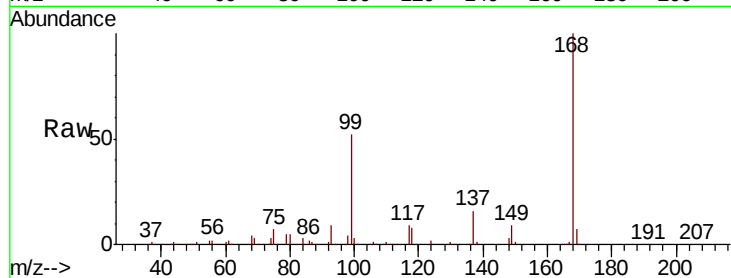
Tot Ion:117 Resp: 99082

Ion Ratio Lower Upper

117 100

119 5.2 76.8 115.2#

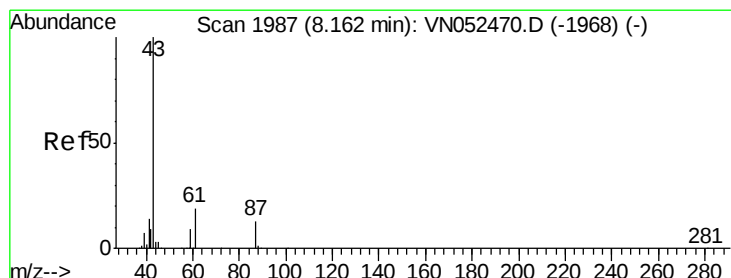
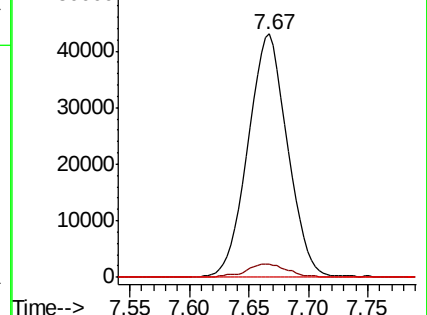
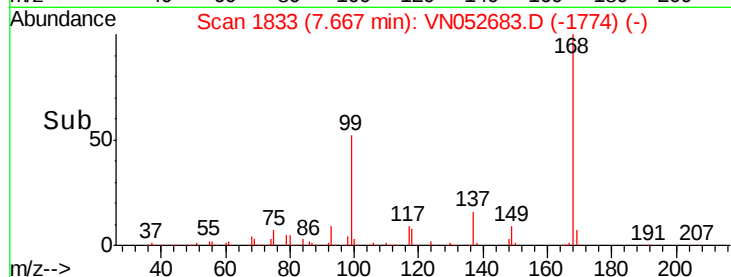
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 5.063 ug/l

RT: 8.28 min Scan# 2025

Delta R.T. 0.12 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

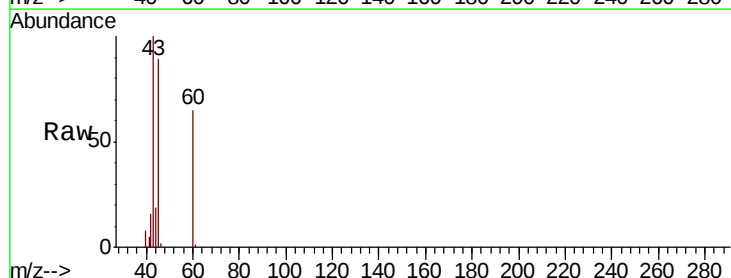
Tgt Ion: 43 Resp: 86755

Ion Ratio Lower Upper

43 100

61 0.0 24.1 36.1#

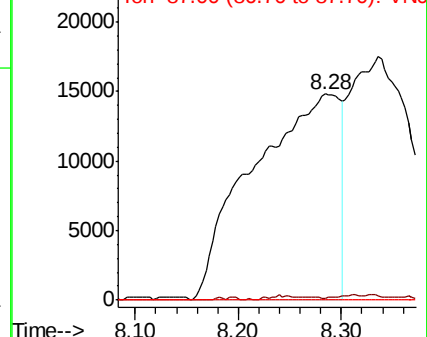
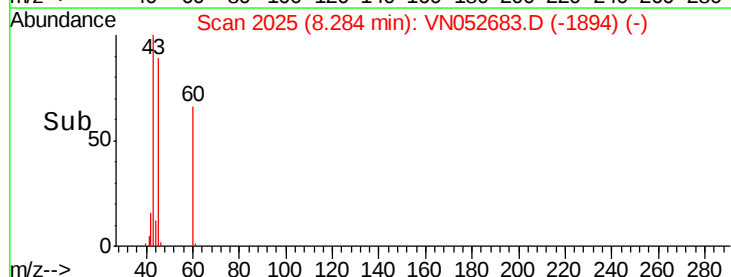
87 0.0 10.6 15.8#

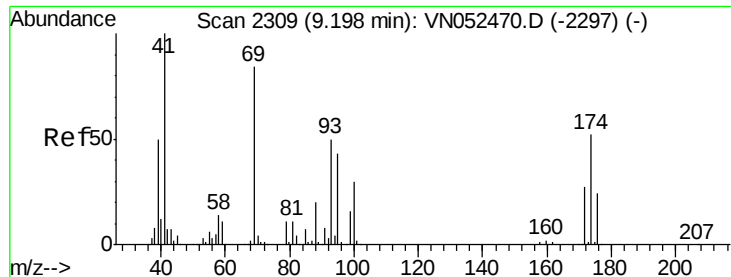


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

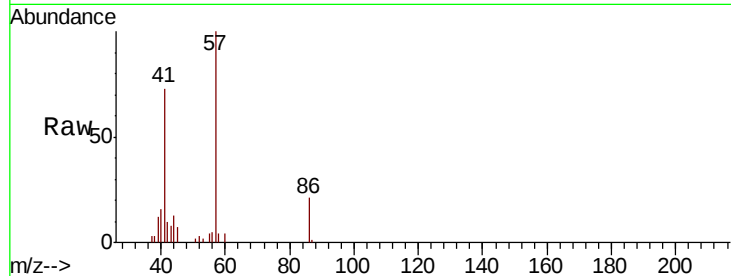




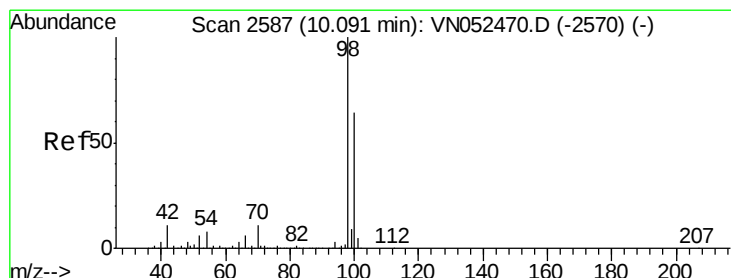
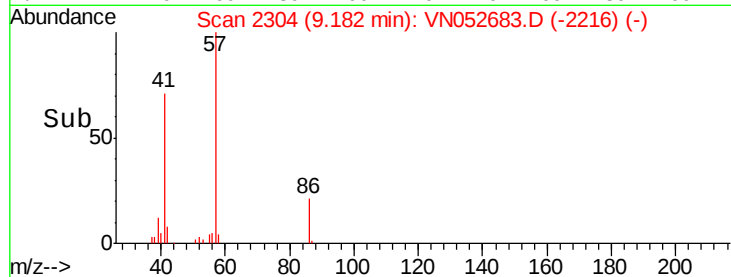
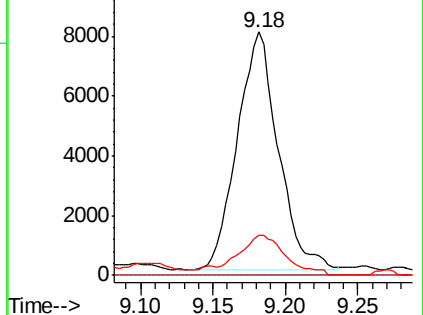
#48
Methvl methacrylate
Concen: 1.747 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

Instrument :
MSVOA_N
ClientSampleId :
SB-1

Tot Ion: 41 Resp: 15609
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 19.0 42.6 64.0#

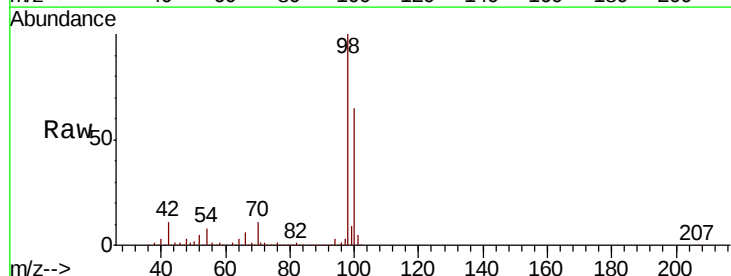


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

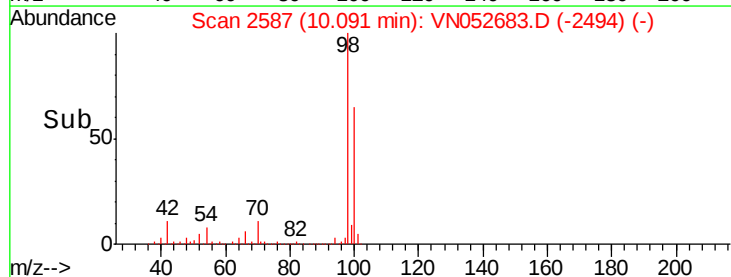
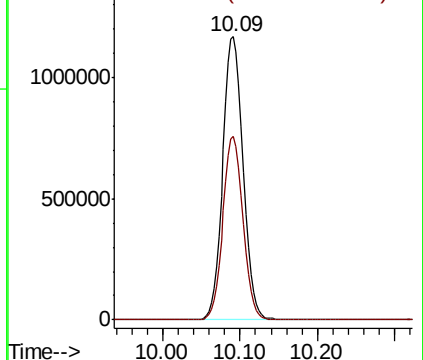


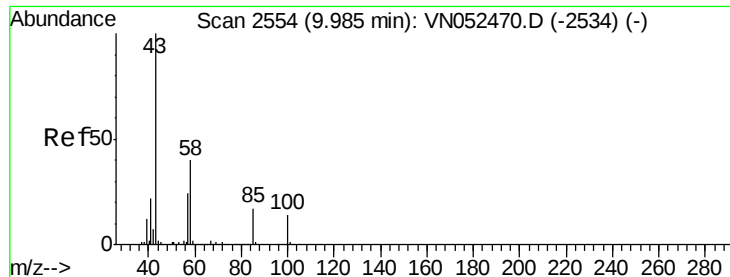
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

Tgt Ion: 98 Resp: 2130939
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VNC
Ion 100.00 (99.70 to 100.70): VNC





#51

4-Methyl-2-Pentanone

Concen: 0.647 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampled :

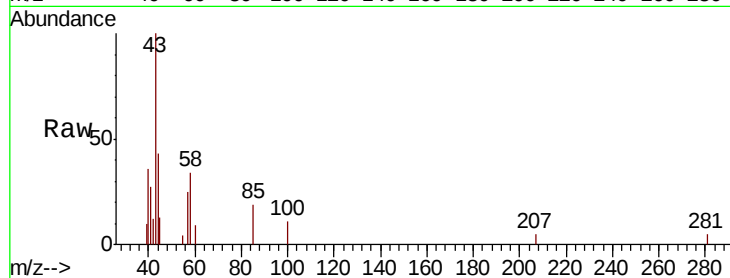
SB-1

Tot Ion: 43 Resp: 6224

Ion Ratio Lower Upper

43 100

58 39.1 31.5 47.3

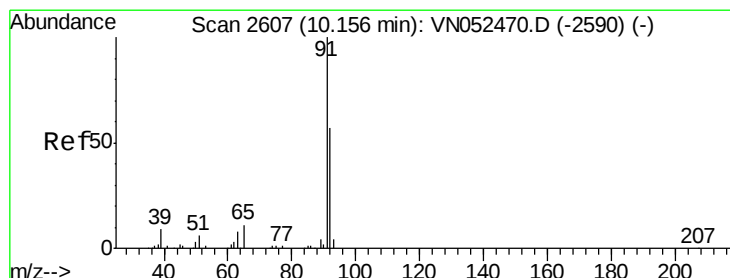
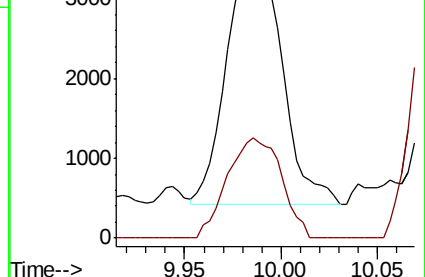
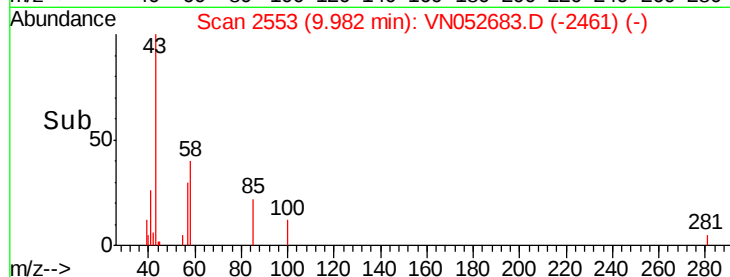


Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-2534) (-)

9.98

Time-->



#52

Toluene

Concen: 1.618 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052683.D

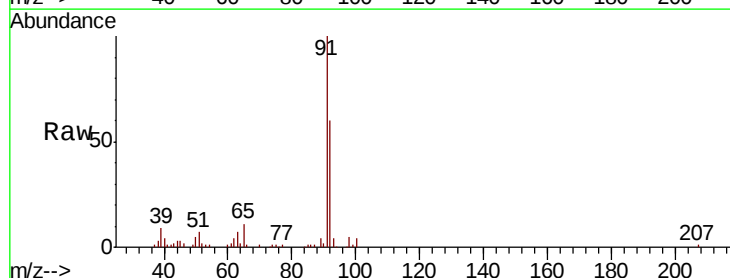
Acq: 5 Dec 2018 18:14

Tgt Ion: 92 Resp: 47540

Ion Ratio Lower Upper

92 100

91 173.7 141.0 211.4

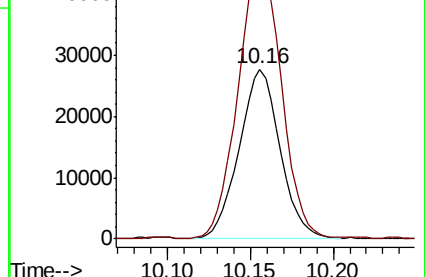
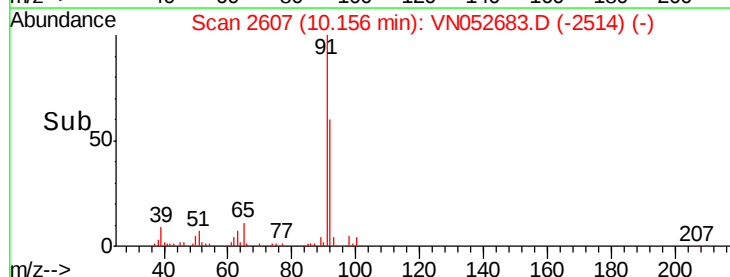


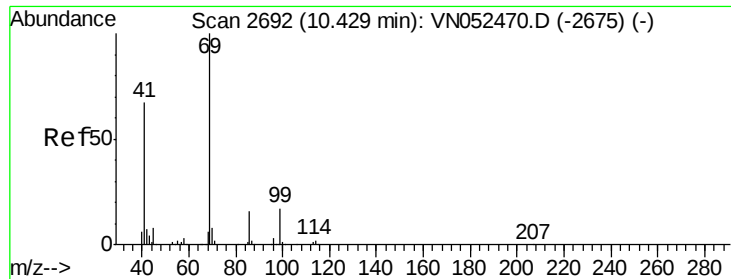
Abundance Ion 92.00 (91.70 to 92.70): VN052470.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN052470.D (-2590) (-)

10.16

Time-->

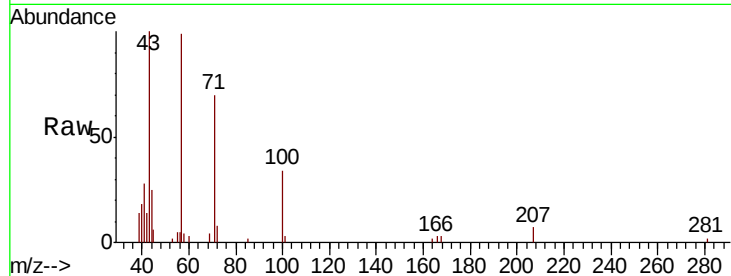




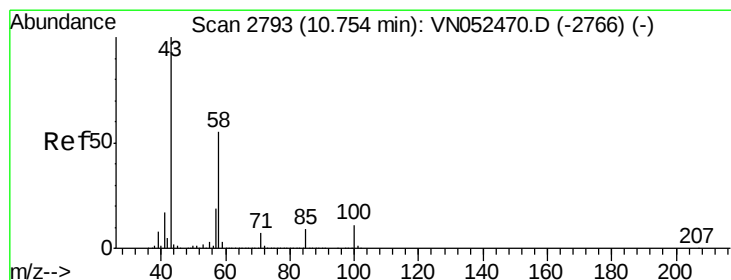
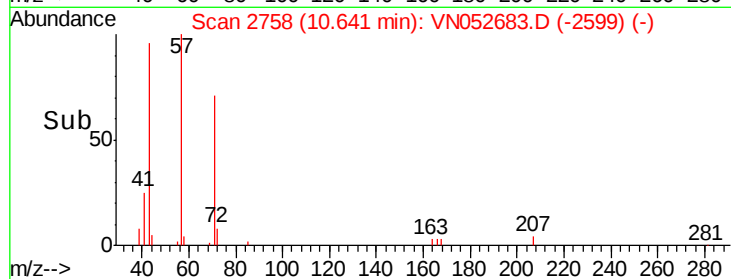
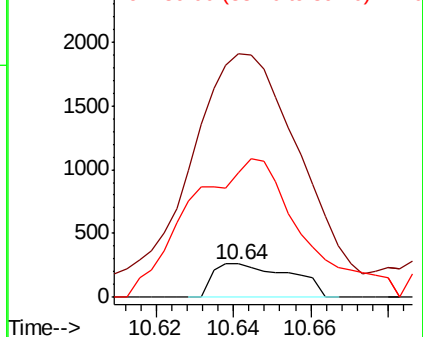
#56
Ethyl methacrylate
Concen: 2.717 ug/l
RT: 10.64 min Scan# 2758
Delta R.T. 0.21 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

Instrument :
MSVOA_N
ClientSampled :
SB-1

Tot Ion: 69 Resp: 366
Ion Ratio Lower Upper
69 100
41 895.6 52.6 79.0#
39 605.7 25.9 38.9#

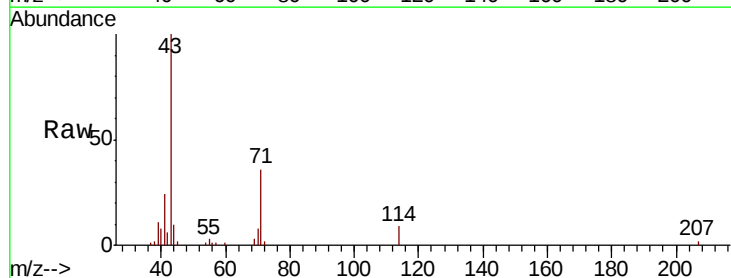


Abundance Ion 69.00 (68.70 to 69.70): VN0
Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

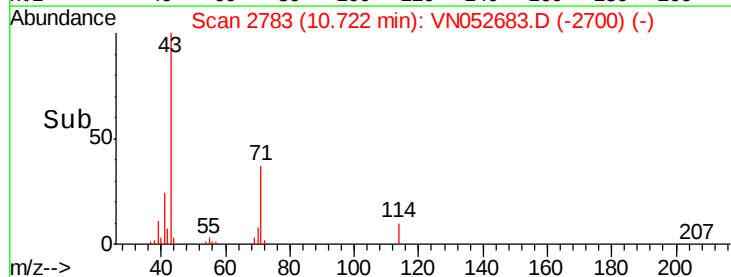
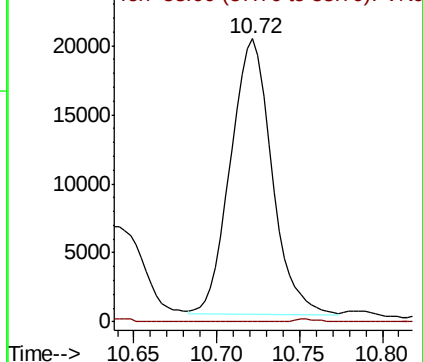


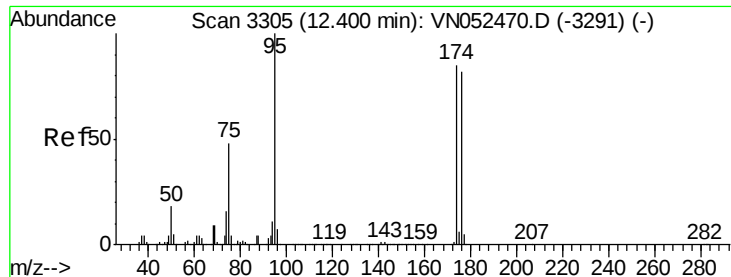
#59
2-Hexanone
Concen: 5.353 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.03 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

Tgt Ion: 43 Resp: 34540
Ion Ratio Lower Upper
43 100
58 0.0 27.4 82.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

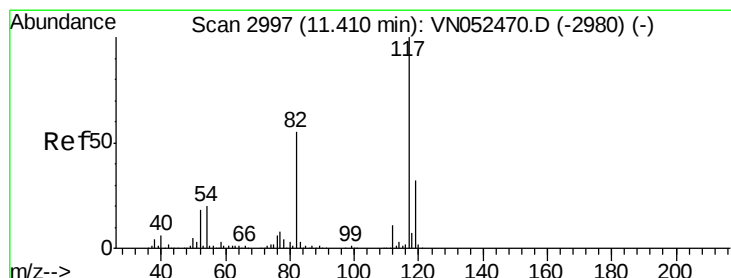
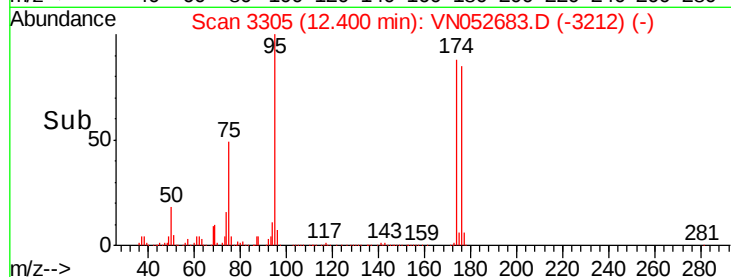
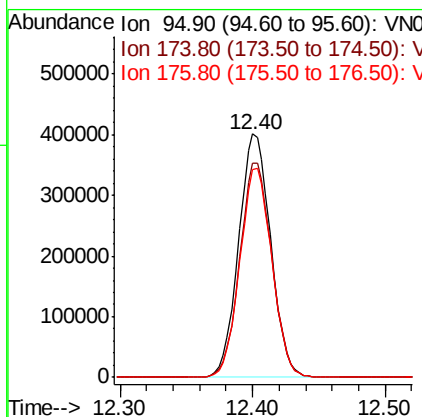
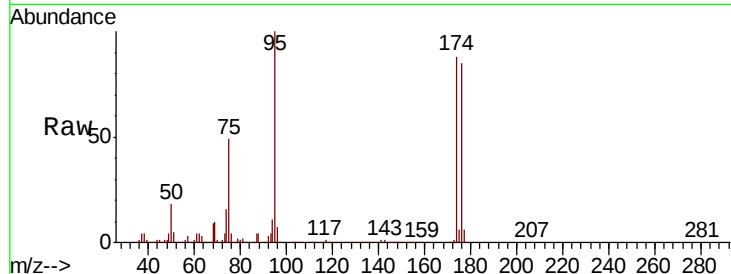




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

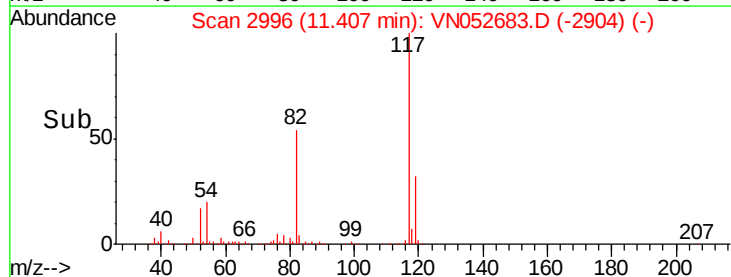
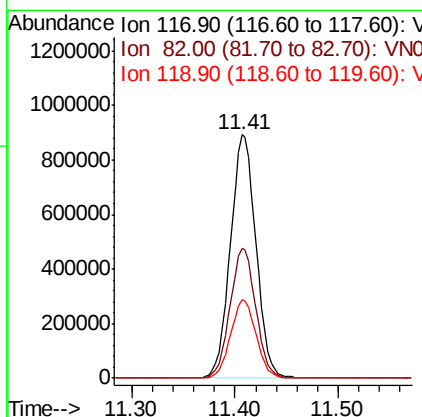
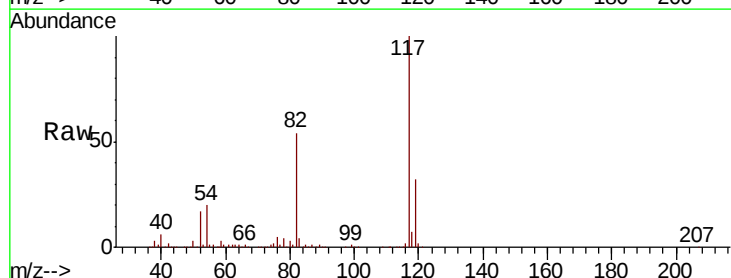
Instrument :
MSVOA_N
ClientSampled :
SB-1

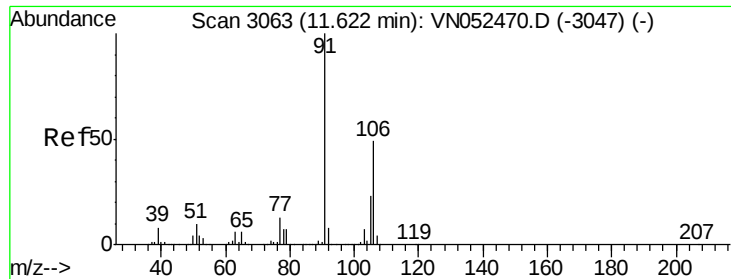
Tot Ion: 95 Resp: 671813
Ion Ratio Lower Upper
95 100
174 88.2 0.0 173.0
176 86.0 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

Tgt Ion: 117 Resp: 1539926
Ion Ratio Lower Upper
117 100
82 53.5 43.6 65.4
119 32.1 25.4 38.2

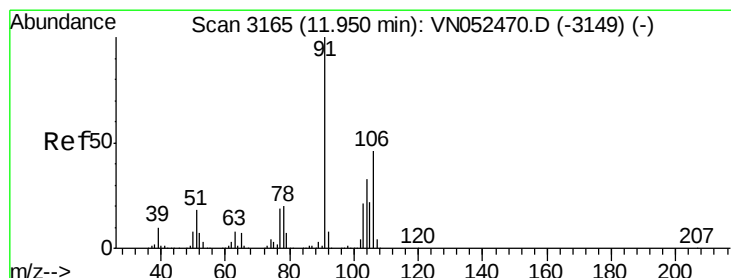
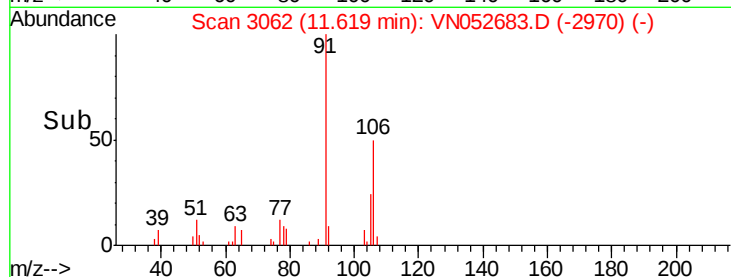
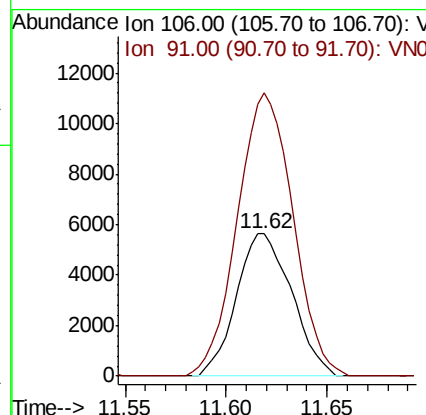
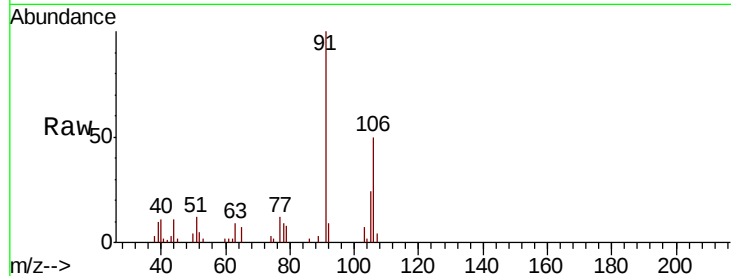




#68
m/p-Xylenes
Concen: 0.521 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

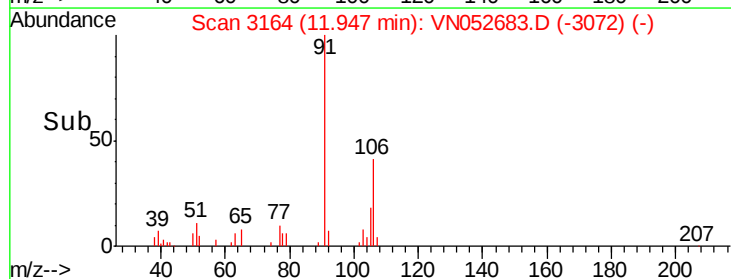
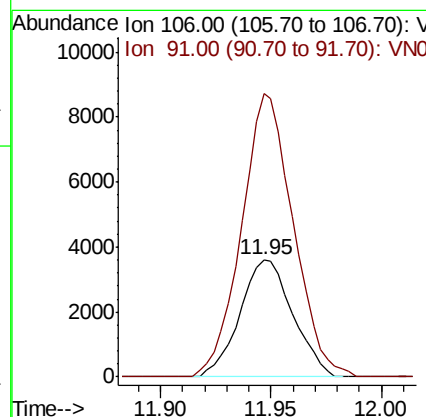
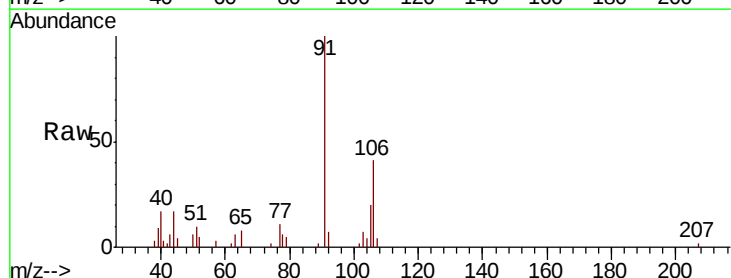
Instrument :
MSVOA_N
ClientSampled :
SB-1

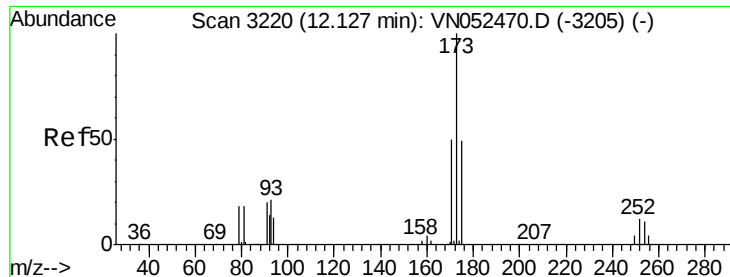
Tot Ion:106 Resp: 10780
Ion Ratio Lower Upper
106 100
91 200.6 163.2 244.8



#69
o-Xylene
Concen: 0.299 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052683.D
Acq: 5 Dec 2018 18:14

Tgt Ion:106 Resp: 6002
Ion Ratio Lower Upper
106 100
91 236.5 107.7 323.1





#71

Bromoform

Concen: 0.569 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

SB-1

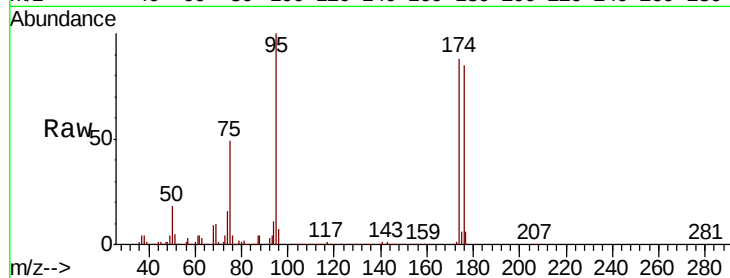
Tot Ion:173 Resp: 4161

Ion Ratio Lower Upper

173 100

175 882.3 24.4 73.2#

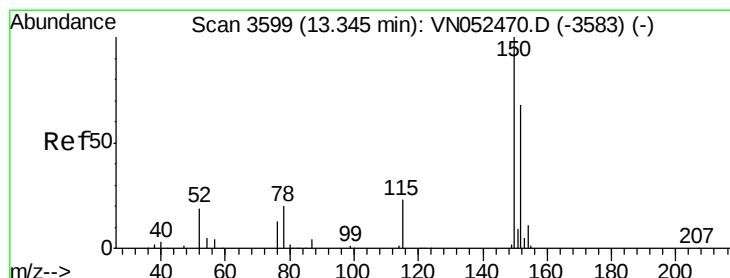
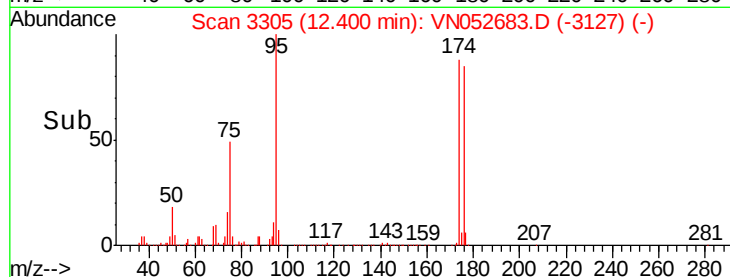
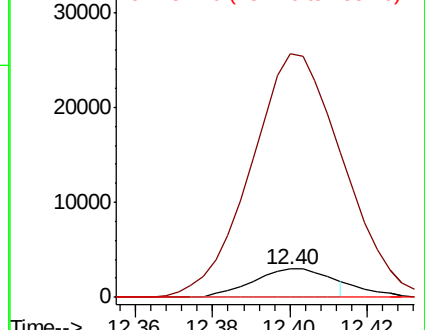
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

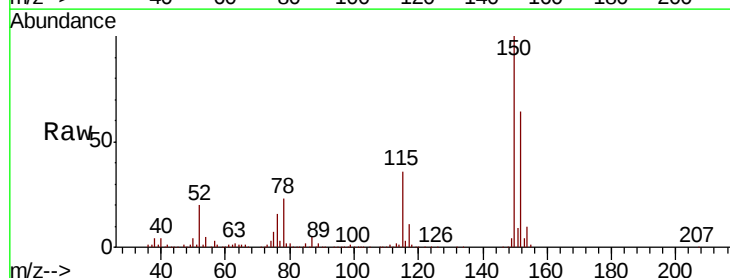
Tgt Ion:152 Resp: 609462

Ion Ratio Lower Upper

152 100

115 56.2 28.4 85.2

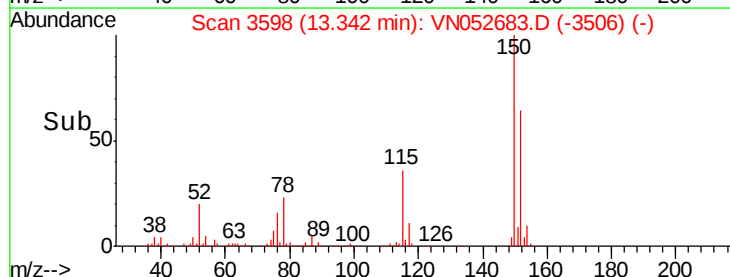
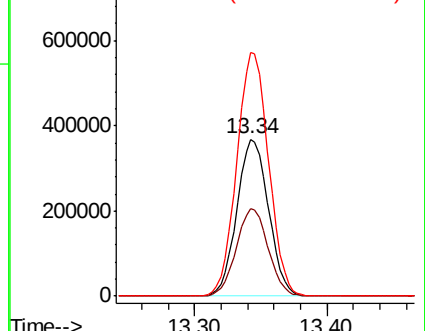
150 156.3 0.0 346.0

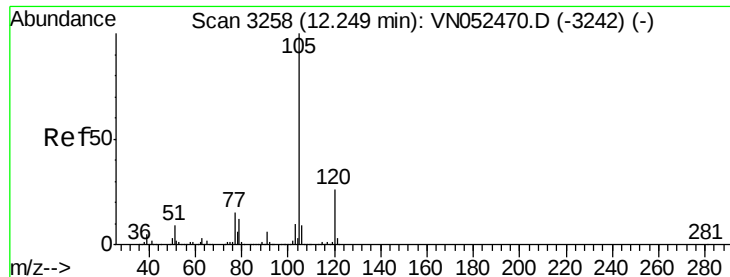


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.282 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

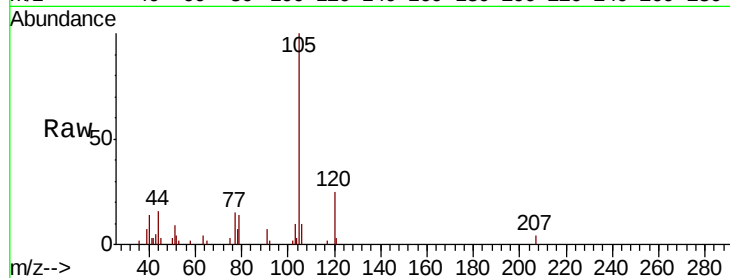
SB-1

Tot Ion:105 Resp: 13494

Ion Ratio Lower Upper

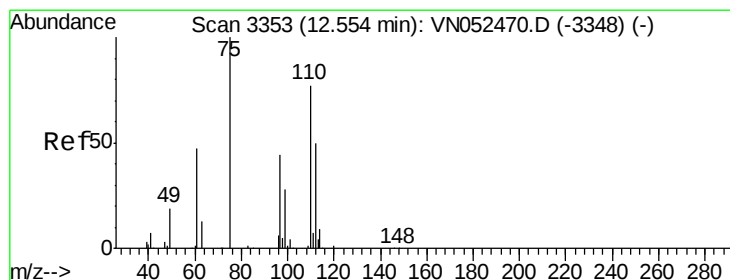
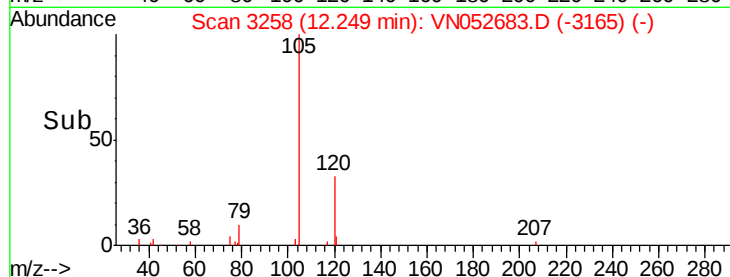
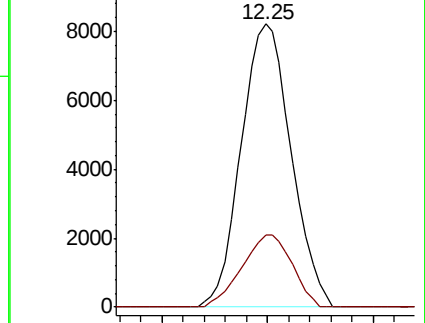
105 100

120 25.5 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 34.496 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052683.D

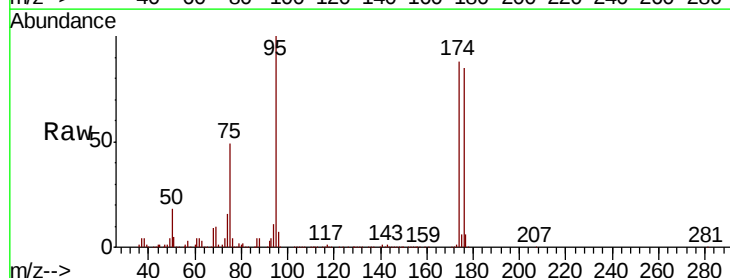
Acq: 5 Dec 2018 18:14

Tgt Ion: 75 Resp: 324201

Ion Ratio Lower Upper

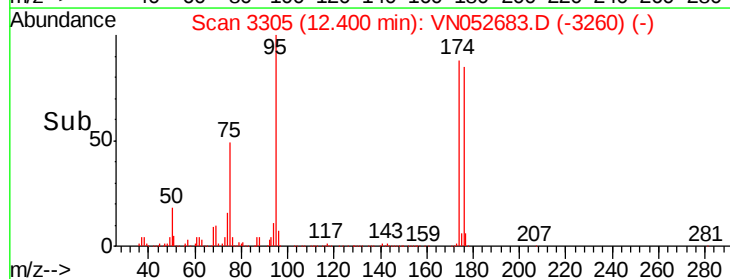
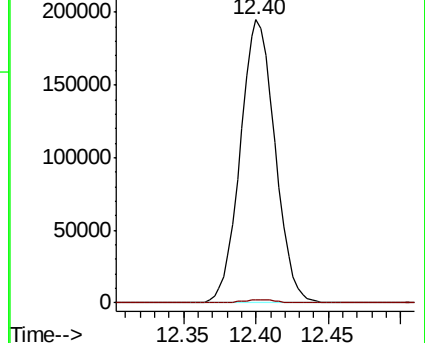
75 100

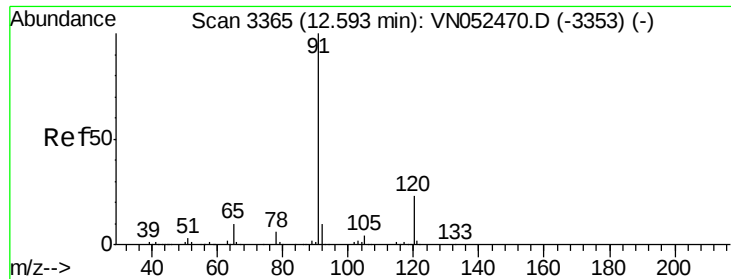
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.437 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

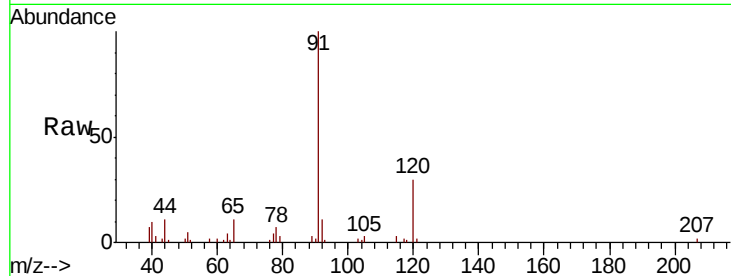
SB-1

Tot Ion: 91 Resp: 23757

Ion Ratio Lower Upper

91 100

120 25.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3353) (-)

Ion 120.00 (119.70 to 120.70): VN052470.D (-3353) (-)

12.59

15000

10000

5000

0

Time-->

12.55

12.60

12.65

12.70

12.75

12.80

12.85

12.90

12.95

13.00

13.05

13.10

13.15

13.20

13.25

13.30

13.35

13.40

13.45

13.50

13.55

13.60

13.65

13.70

13.75

13.80

13.85

13.90

13.95

14.00

14.05

14.10

14.15

14.20

14.25

14.30

14.35

14.40

14.45

14.50

14.55

14.60

14.65

14.70

14.75

14.80

14.85

14.90

14.95

15.00

15.05

15.10

15.15

15.20

15.25

15.30

15.35

15.40

15.45

15.50

15.55

15.60

15.65

15.70

15.75

15.80

15.85

15.90

15.95

16.00

16.05

16.10

16.15

16.20

16.25

16.30

16.35

16.40

16.45

16.50

16.55

16.60

16.65

16.70

16.75

16.80

16.85

16.90

16.95

17.00

17.05

17.10

17.15

17.20

17.25

17.30

17.35

17.40

17.45

17.50

17.55

17.60

17.65

17.70

17.75

17.80

17.85

17.90

17.95

18.00

18.05

18.10

18.15

18.20

18.25

18.30

18.35

18.40

18.45

18.50

18.55

18.60

18.65

18.70

18.75

18.80

18.85

18.90

18.95

19.00

19.05

19.10

19.15

19.20

19.25

19.30

19.35

19.40

19.45

19.50

19.55

19.60

19.65

19.70

19.75

19.80

19.85

19.90

19.95

20.00

20.05

20.10

20.15

20.20

20.25

20.30

20.35

20.40

20.45

20.50

20.55

20.60

20.65

20.70

20.75

20.80

20.85

20.90

20.95

21.00

21.05

21.10

21.15

21.20

21.25

21.30

21.35

21.40

21.45

21.50

21.55

21.60

21.65

21.70

21.75

21.80

21.85

21.90

21.95

22.00

22.05

22.10

22.15

22.20

22.25

22.30

22.35

22.40

22.45

22.50

22.55

22.60

22.65

22.70

22.75

22.80

22.85

22.90

22.95

23.00

23.05

23.10

23.15

23.20

23.25

23.30

23.35

23.40

23.45

23.50

23.55

23.60

23.65

23.70

23.75

23.80

23.85

23.90

23.95

24.00

24.05

24.10

24.15

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24.30

24.35

24.40

24.45

24.50

24.55

24.60

24.65

24.70

24.75

24.80

24.85

24.90

24.95

25.00

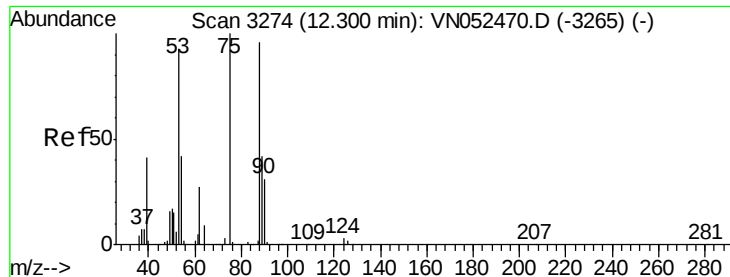
25.05

25.10

25.15

25.20

25.25



#81

trans-1,4-Dichloro-2-butene

Concen: 115.200 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampleId :

SB-1

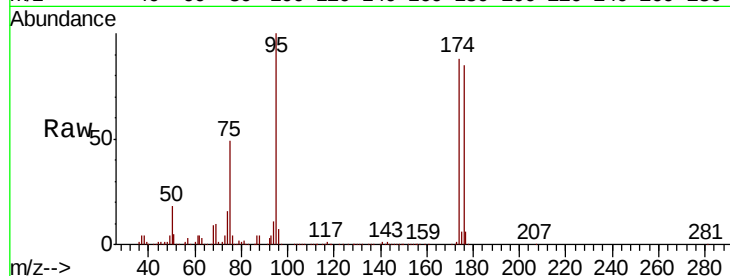
Tot Ion: 75 Resp: 324201

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

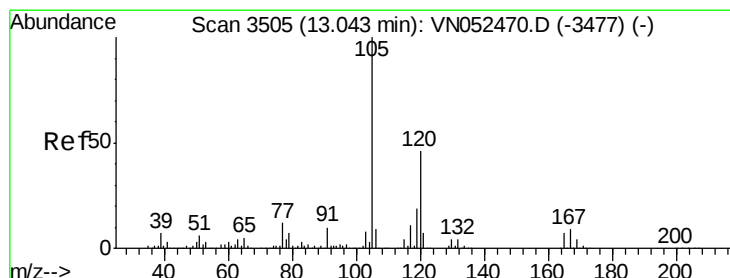
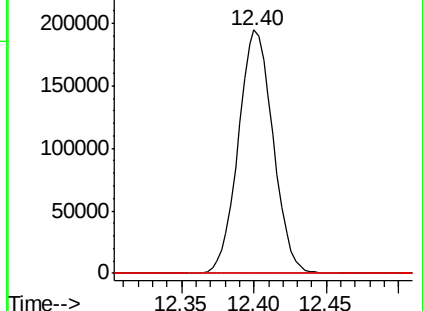
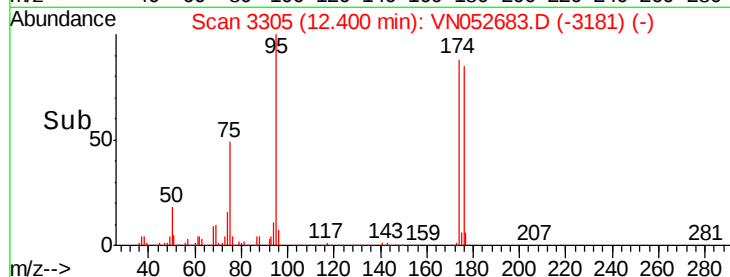
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052470.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN052470.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN052470.D (-3265) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.226 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052683.D

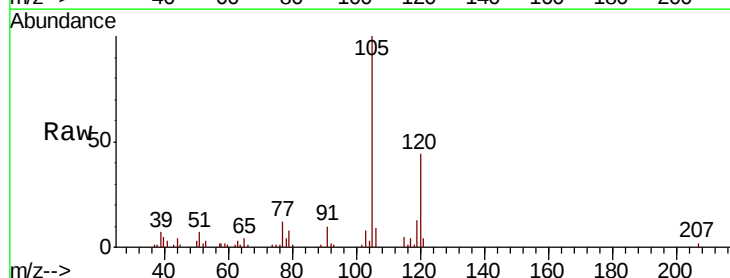
Acq: 5 Dec 2018 18:14

Tgt Ion: 105 Resp: 46858

Ion Ratio Lower Upper

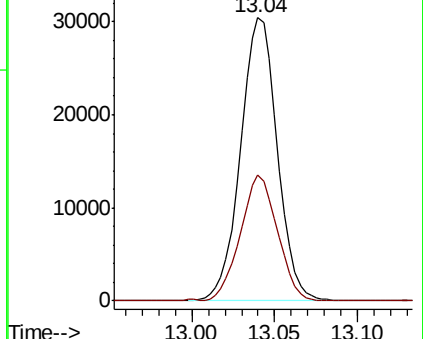
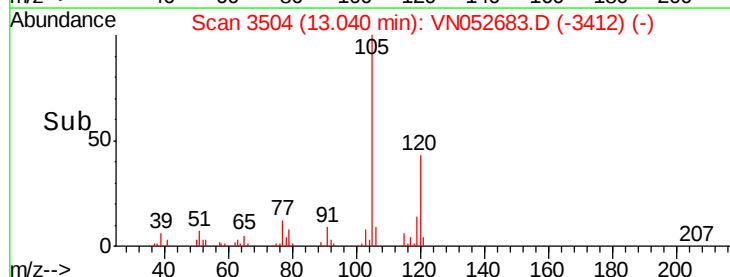
105 100

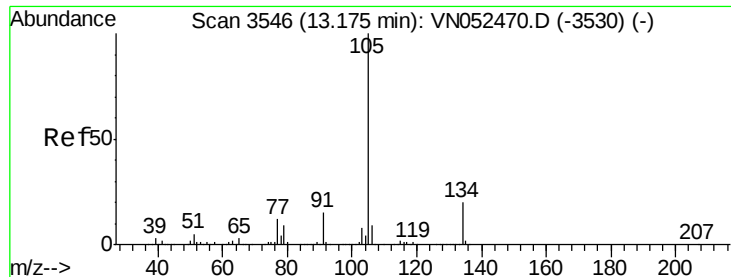
120 44.8 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): VN052470.D (-3477) (-)

Ion 120.00 (119.70 to 120.70): VN052470.D (-3477) (-)





#85

sec-Butylbenzene

Concen: 0.401 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampled :

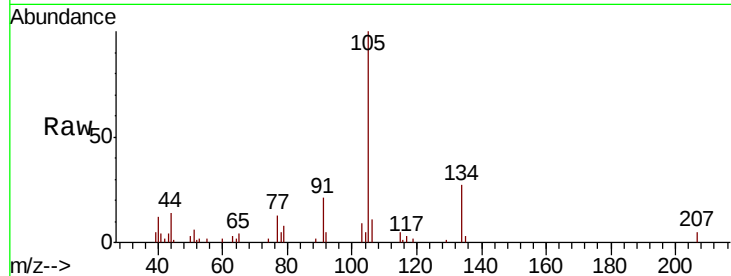
SB-1

Tot Ion:105 Resp: 18560

Ion Ratio Lower Upper

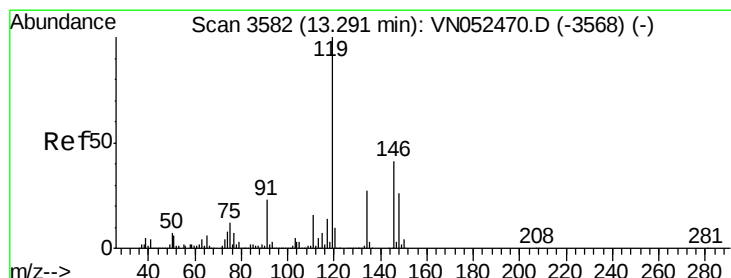
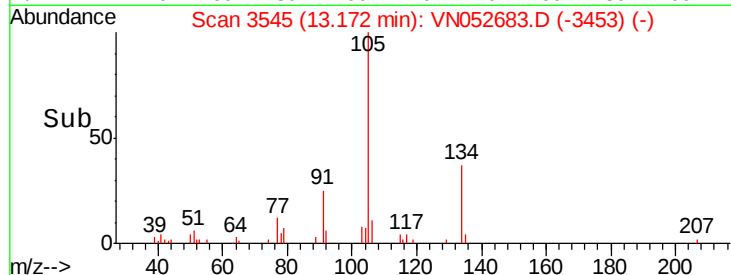
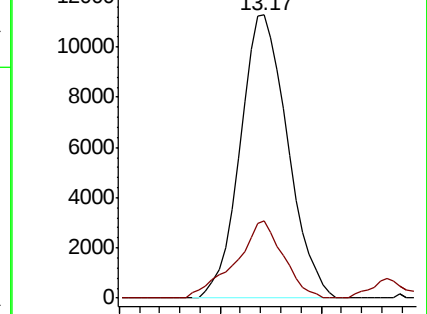
105 100

134 27.2 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.265 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

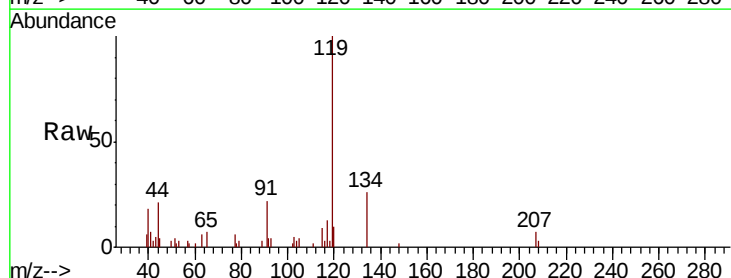
Tgt Ion:119 Resp: 10455

Ion Ratio Lower Upper

119 100

134 24.5 13.4 40.2

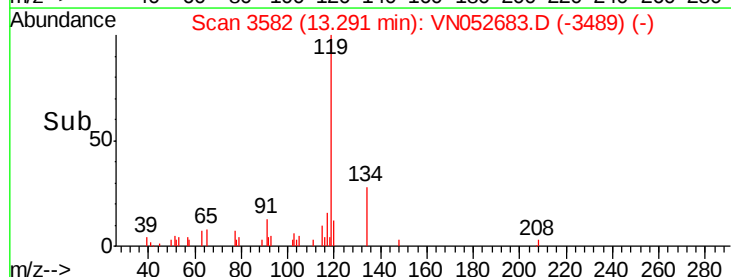
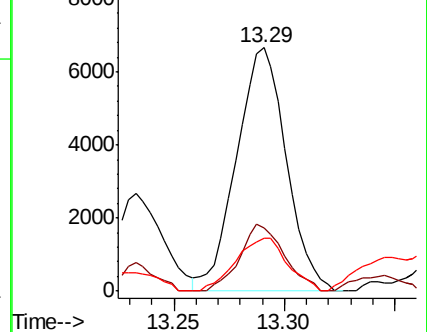
91 22.7 11.4 34.2

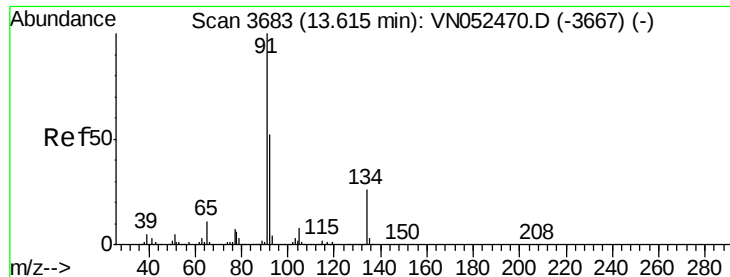


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.318 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052683.D

Acq: 5 Dec 2018 18:14

Instrument :

MSVOA_N

ClientSampled :

SB-1

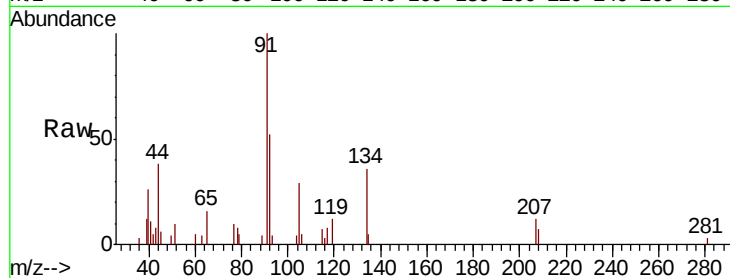
Tot Ion: 91 Resp: 10432

Ion Ratio Lower Upper

91 100

92 37.7 26.1 78.3

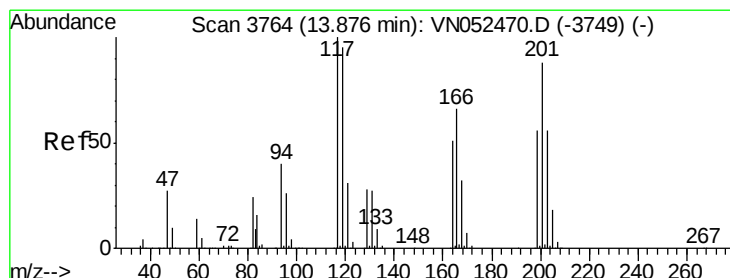
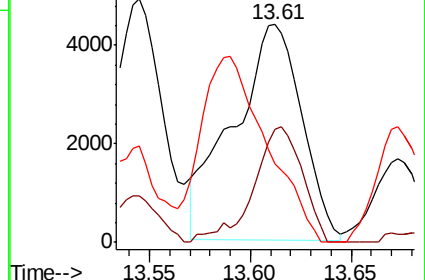
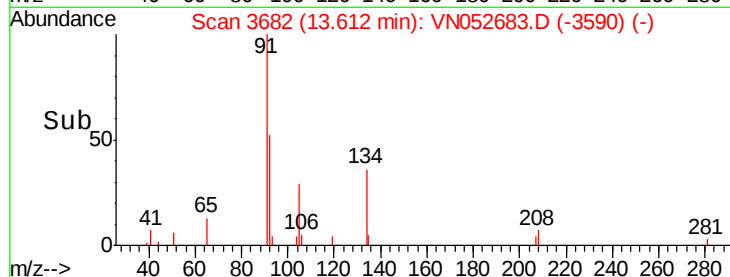
134 0.0 13.0 38.9#



Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052470.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052470.D (-3667) (-)



#90

Hexachloroethane

Concen: 1.141 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN052683.D

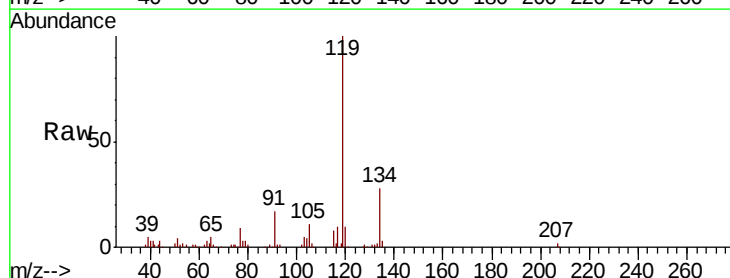
Acq: 5 Dec 2018 18:14

Tgt Ion: 117 Resp: 7623

Ion Ratio Lower Upper

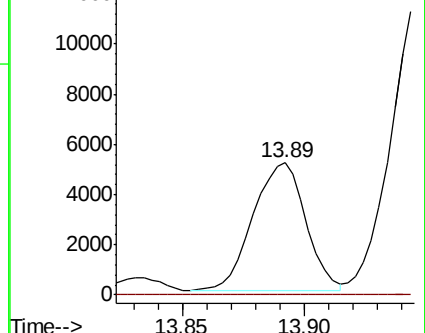
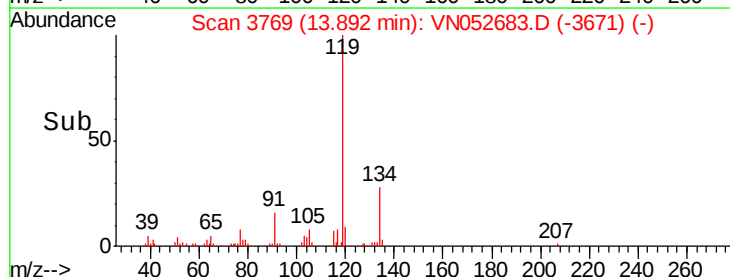
117 100

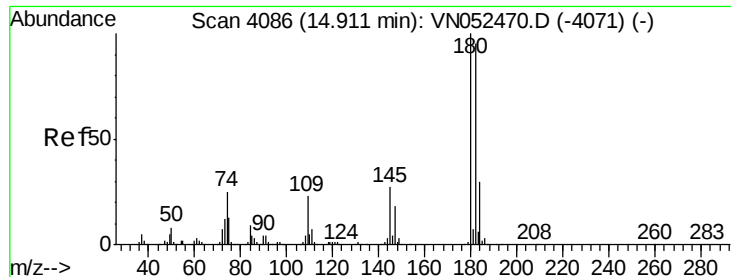
201 0.0 43.6 130.9#



Abundance Ion 116.80 (116.50 to 117.50): VN052470.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052470.D (-3749) (-)

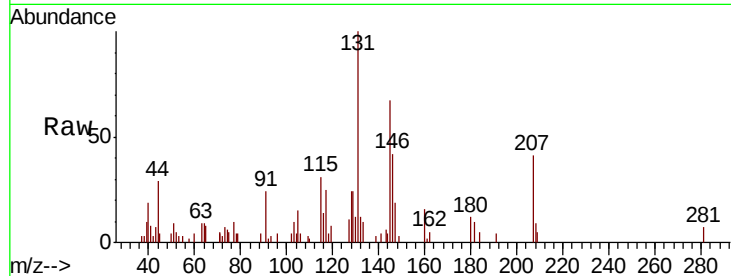




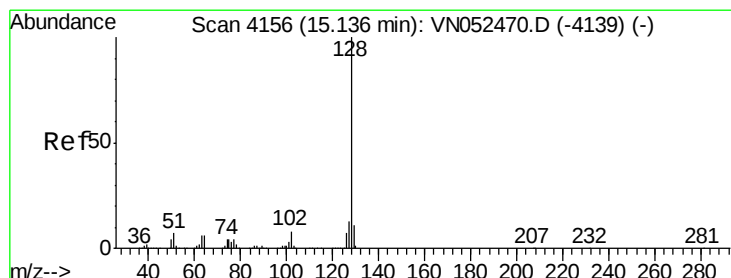
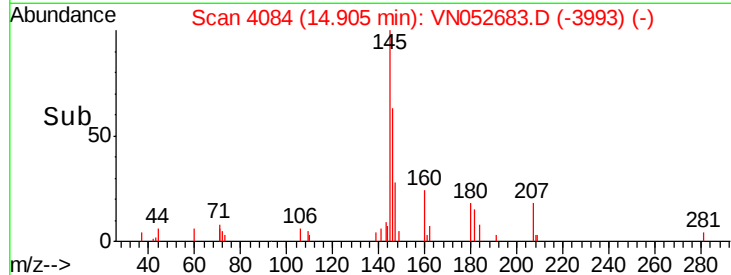
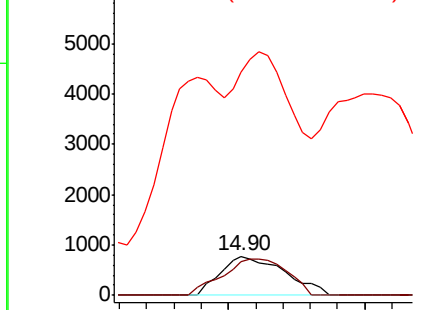
#93
 1,2,4-Trichlorobenzene
 Concen: 2.940 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.01 min
 Lab File: VN052683.D
 Acq: 5 Dec 2018 18:14

Instrument :
 MSVOA_N
 ClientSampled :
 SB-1

Tot Ion:180 Resp: 1271
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.8 143.4
 145 0.0 14.1 42.3#

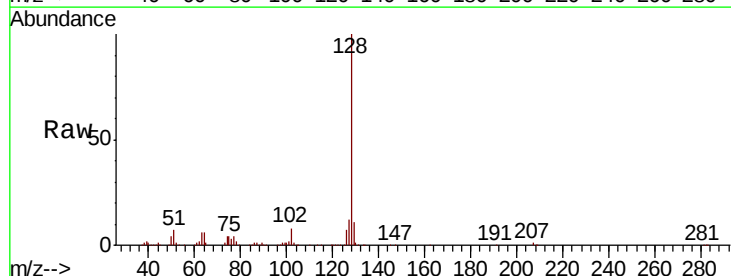


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

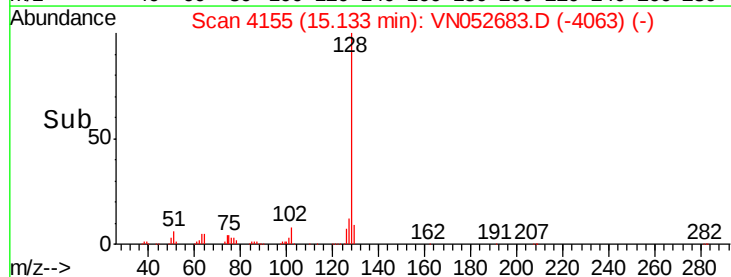
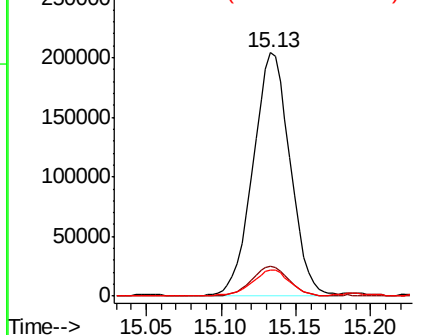


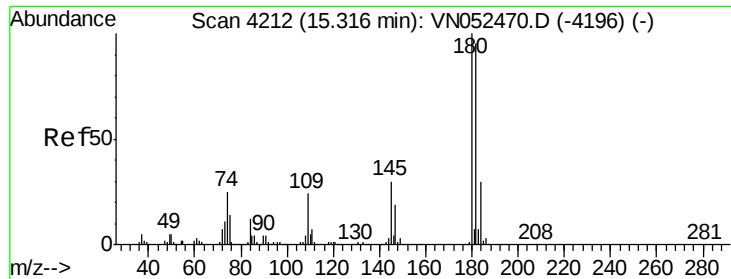
#95
 Naphthalene
 Concen: 17.662 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN052683.D
 Acq: 5 Dec 2018 18:14

Tgt Ion:128 Resp: 350652
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.2 15.2
 129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 2.752 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN052683.D
 Acq: 5 Dec 2018 18:14

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1

Tot Ion	Ratio	Lower	Upper
180	100		
182	125.6	47.8	143.3
145	0.0	15.2	45.5#

