

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058887.D
 Acq On : 21 Oct 2019 14:45
 Operator : JC/SP
 Sample : K5447-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT5124

Quant Time: Oct 22 03:19:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	394496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	631095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	580177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221812	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	287342	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
35) Dibromofluoromethane	7.57	113	204056	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
50) Toluene-d8	10.08	98	803243	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	260513	44.04	ug/l	0.00
Spiked Amount			Recovery	=	88.08%	

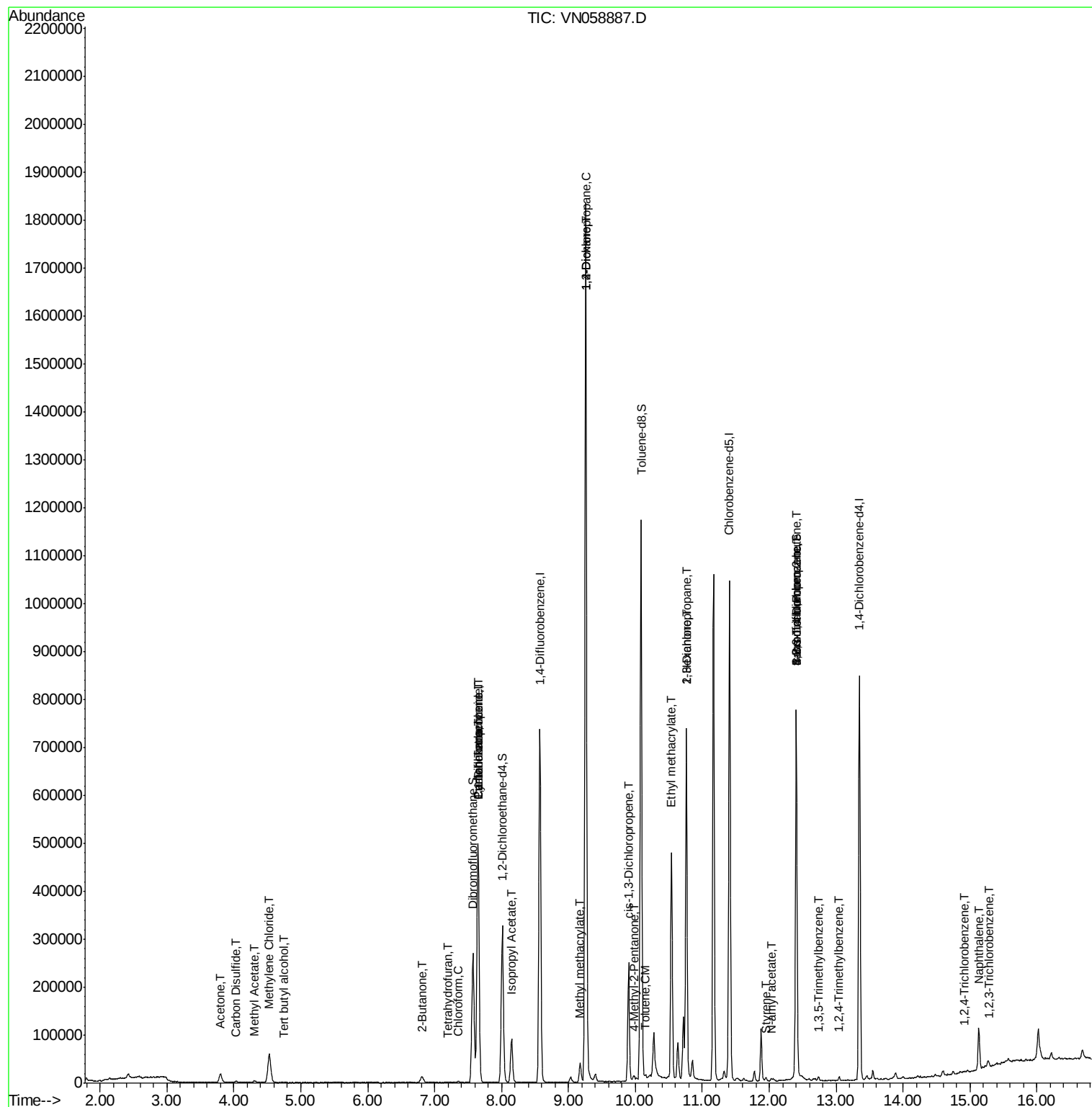
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	420	0.437	ug/l #	72
16) Acetone	3.80	43	33685	11.782	ug/l	98
17) Carbon Disulfide	4.04	76	3172	0.253	ug/l #	88
18) Methyl Acetate	4.31	43	6948	1.069	ug/l #	61
20) Methylene Chloride	4.53	84	43242	8.858	ug/l	98
25) 2-Butanone	6.82	43	10806	2.912	ug/l	97
29) Tetrahydrofuran	7.19	42	809	0.356	ug/l #	39
30) Chloroform	7.36	83	3754	0.419	ug/l	85
31) Cyclohexane	7.65	56	9738	1.171	ug/l #	4
36) 1,1-Dichloropropene	7.65	75	32648	5.053	ug/l #	50
38) Carbon Tetrachloride	7.65	117	39104	5.875	ug/l #	17
43) Isopropyl Acetate	8.15	43	105638	9.356	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	2011	0.387	ug/l #	44
48) Methyl methacrylate	9.17	41	5880	1.148	ug/l #	14
49) 1,4-Dioxane	9.26	88	29	0.345	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7118	1.079	ug/l	97
52) Toluene	10.15	92	2866	0.255	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	40781	5.087	ug/l #	70
56) Ethyl methacrylate	10.54	69	1798	2.319	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6928	0.852	ug/l #	43
59) 2-Hexanone	10.76	43	114486	22.465	ug/l #	53
70) Styrene	11.97	104	328	1.737	ug/l #	25
71) Bromoform	12.40	173	1292	0.374	ug/l #	1
74) N-amyl acetate	12.03	43	4992	0.679	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	138970	27.033	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	3850	0.283	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	138970	70.423	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.04	105	5325	0.396	ug/l	99
93) 1,2,4-Trichlorobenzene	14.92	180	895	2.713	ug/l #	86
95) Naphthalene	15.13	128	68846	7.403	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	910	2.596	ug/l #	71

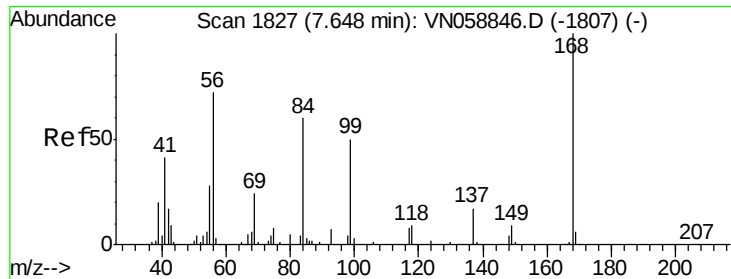
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampled :

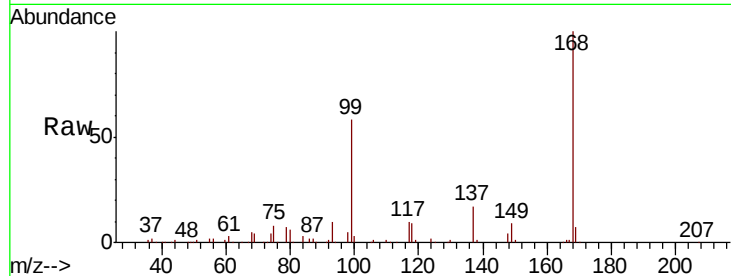
RT5124

Tot Ion:168 Resp: 394496

Ion Ratio Lower Upper

168 100

99 57.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

100000

50000

0

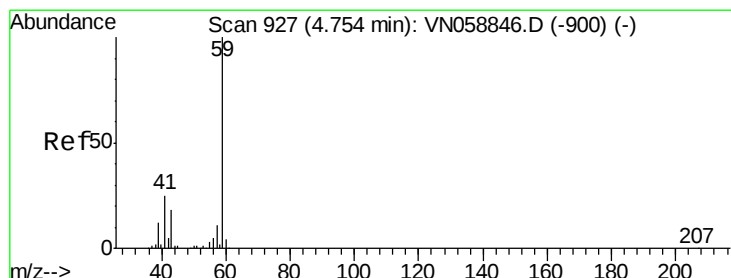
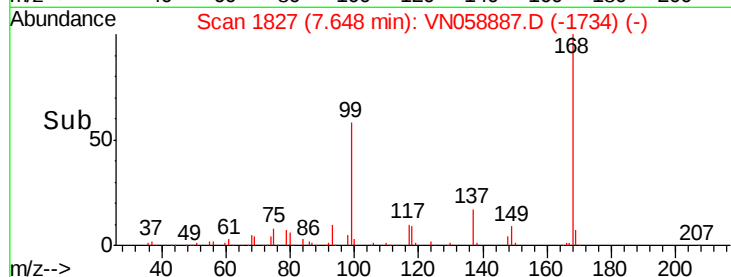
Time-->

7.50

7.60

7.70

7.80



#11

Tert butyl alcohol

Concen: 0.437 ug/l

RT: 4.75 min Scan# 926

Delta R.T. -0.00 min

Lab File: VN058887.D

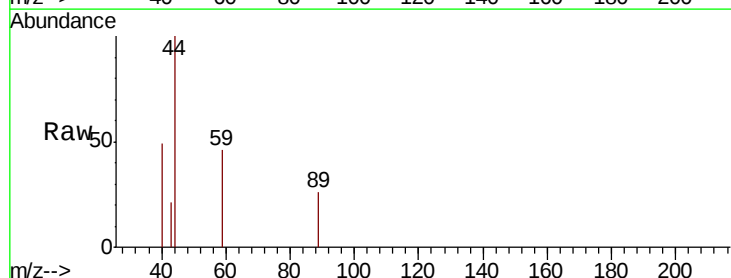
Acq: 21 Oct 2019 14:45

Tgt Ion: 59 Resp: 420

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.75

400

300

200

100

0

Time-->

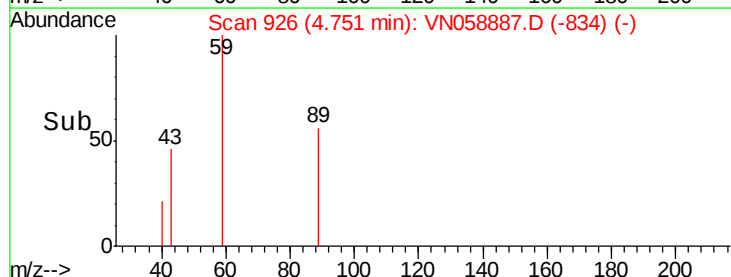
4.73

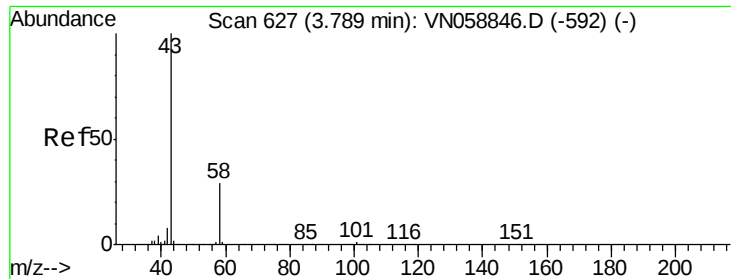
4.74

4.75

4.76

4.77





#16

Acetone

Concen: 11.782 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampled :

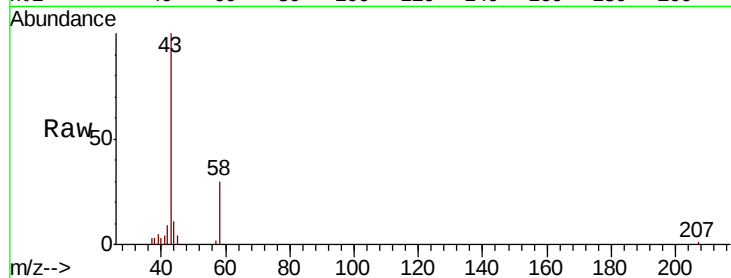
RT5124

Tot Ion: 43 Resp: 33685

Ion Ratio Lower Upper

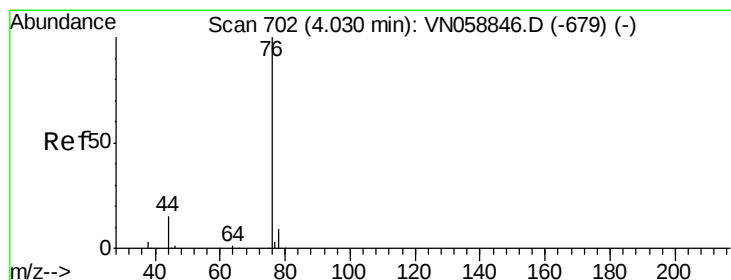
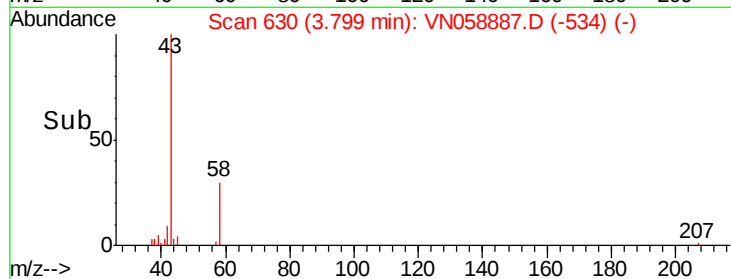
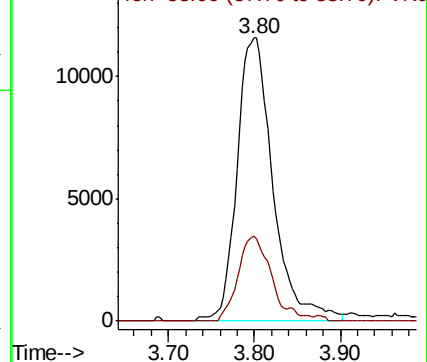
43 100

58 30.2 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.253 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.01 min

Lab File: VN058887.D

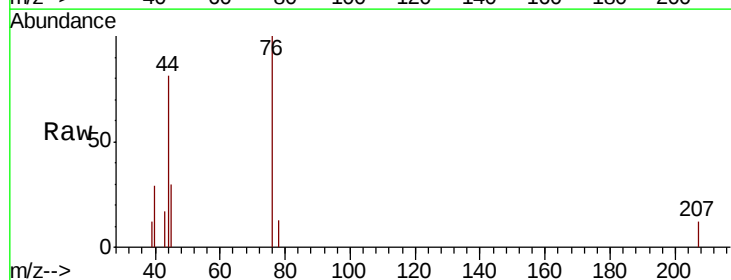
Acq: 21 Oct 2019 14:45

Tgt Ion: 76 Resp: 3172

Ion Ratio Lower Upper

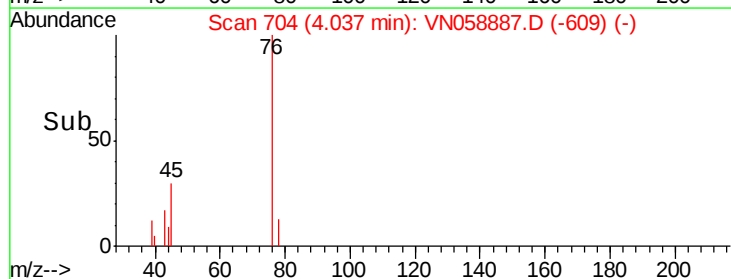
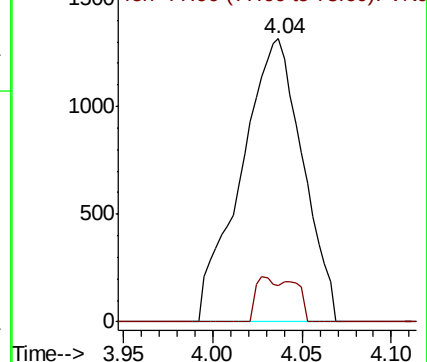
76 100

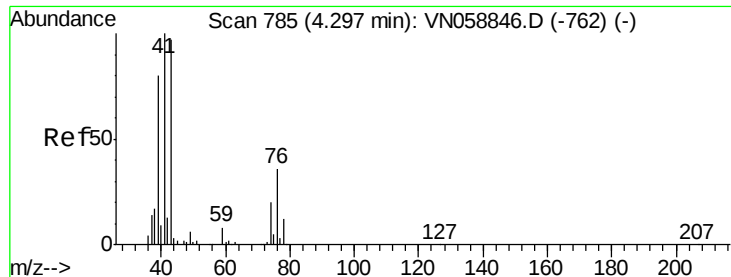
78 13.1 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

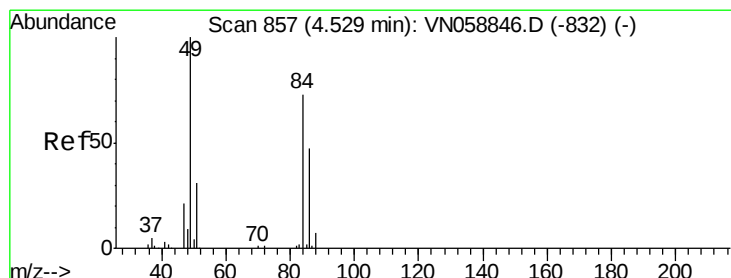
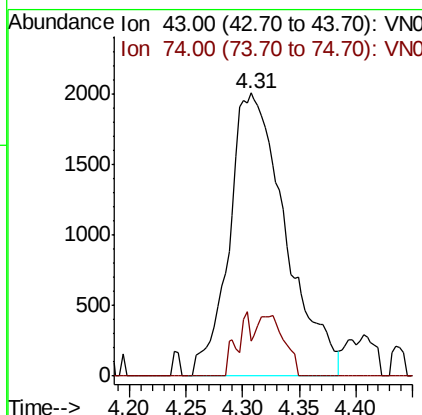
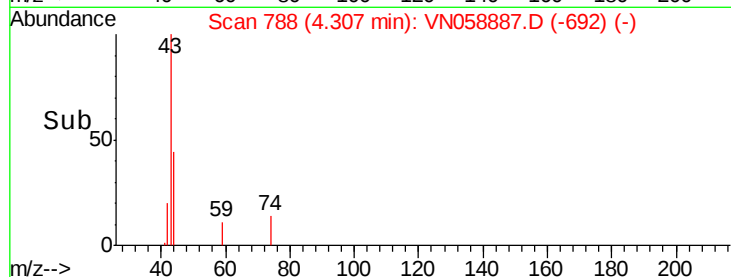
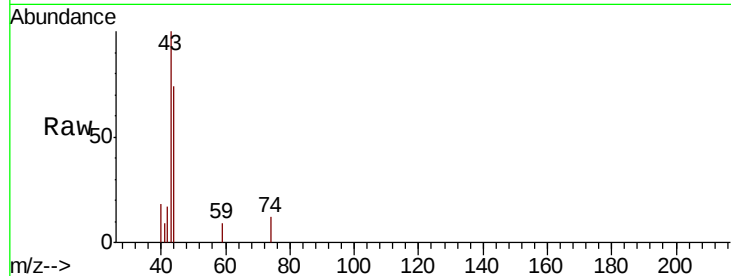




#18
Methyl Acetate
Concen: 1.069 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058887.D
Acq: 21 Oct 2019 14:45

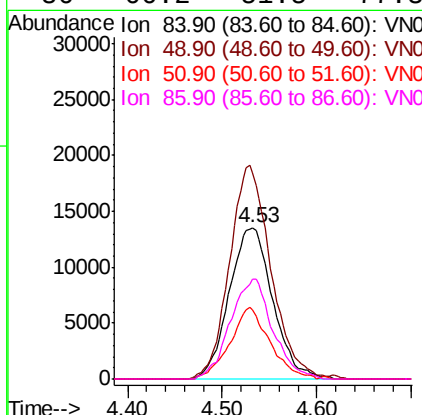
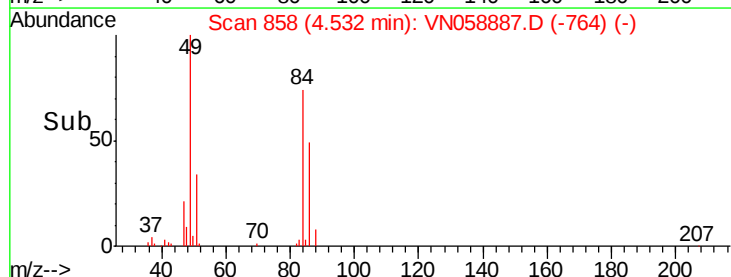
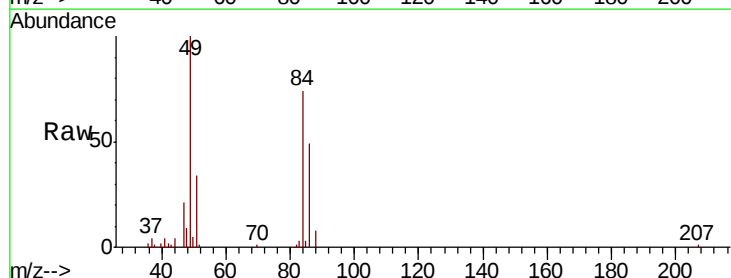
Instrument :
MSVOA_N
ClientSampleId :
RT5124

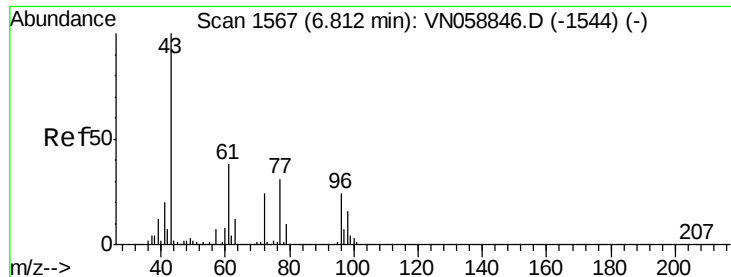
Tot Ion: 43 Resp: 6948
Ion Ratio Lower Upper
43 100
74 3.1 17.1 25.7#



#20
Methylene Chloride
Concen: 8.858 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN058887.D
Acq: 21 Oct 2019 14:45

Tgt Ion: 84 Resp: 43242
Ion Ratio Lower Upper
84 100
49 135.9 109.6 164.4
51 45.9 33.8 50.6
86 66.2 51.5 77.3

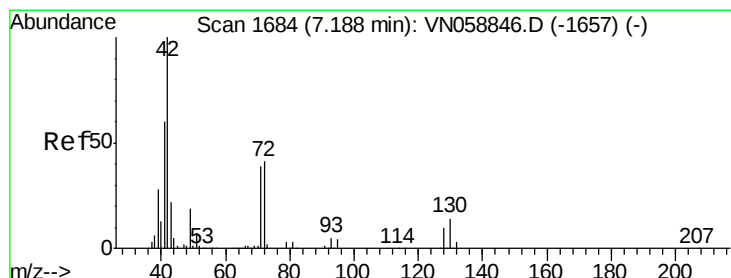
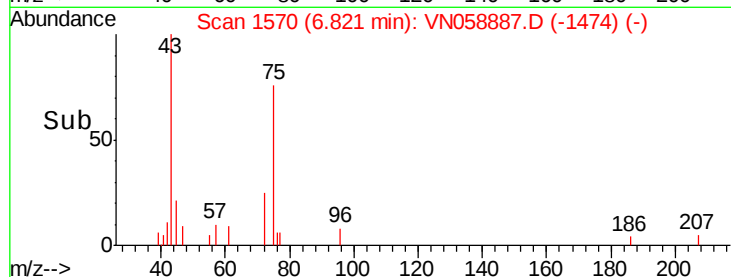
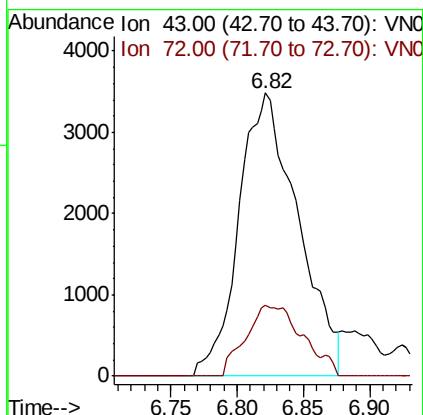
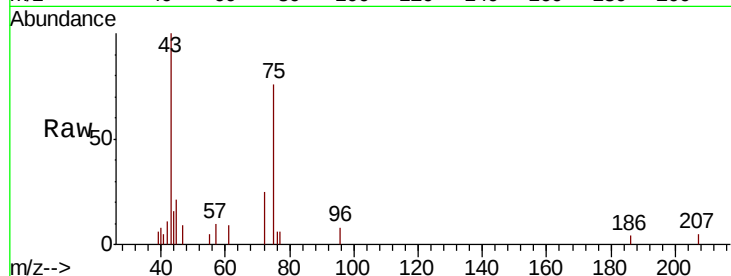




#25
2-Butanone
Concen: 2.912 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN058887.D
Acq: 21 Oct 2019 14:45

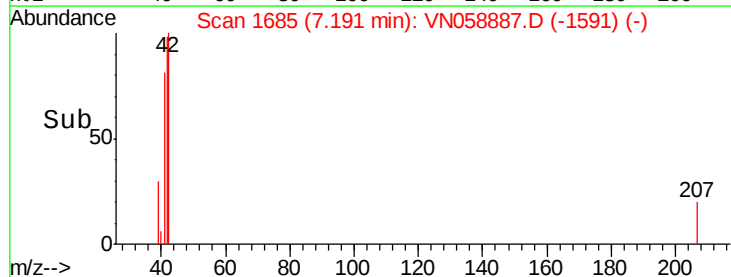
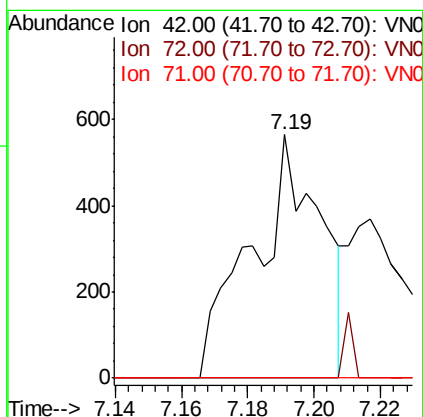
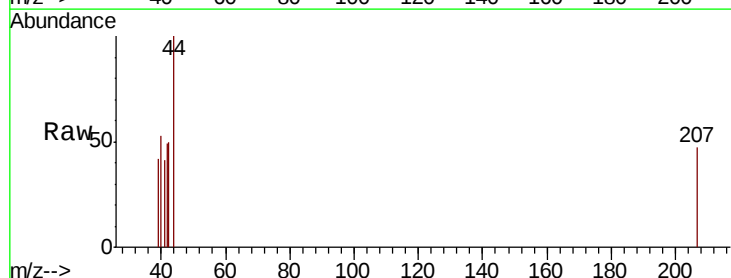
Instrument :
MSVOA_N
ClientSampleId :
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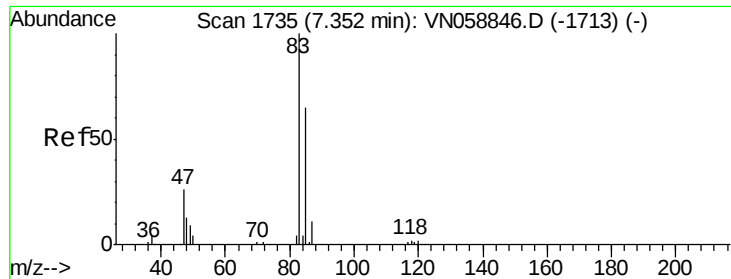
Tot Ion: 43 Resp: 10806
Ion Ratio Lower Upper
43 100
72 25.2 19.1 28.7



#29
Tetrahydrofuran
Concen: 0.356 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN058887.D
Acq: 21 Oct 2019 14:45

Tgt Ion: 42 Resp: 809
Ion Ratio Lower Upper
42 100
72 3.6 32.2 48.2#
71 0.0 30.6 45.8#

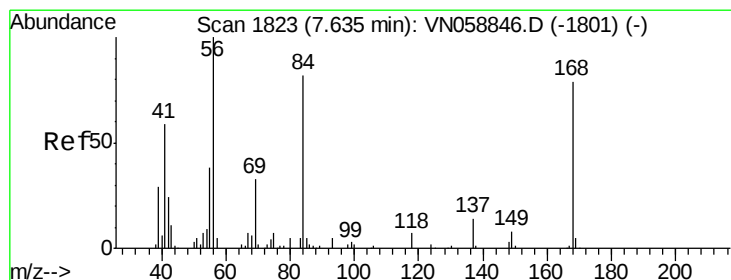
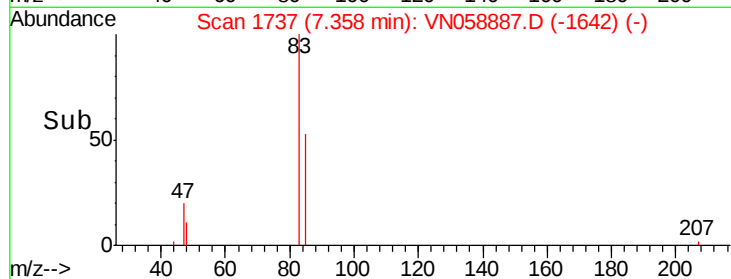
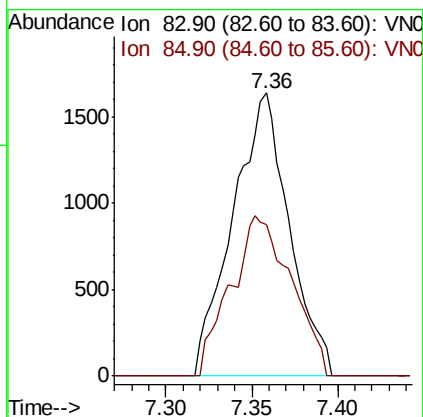
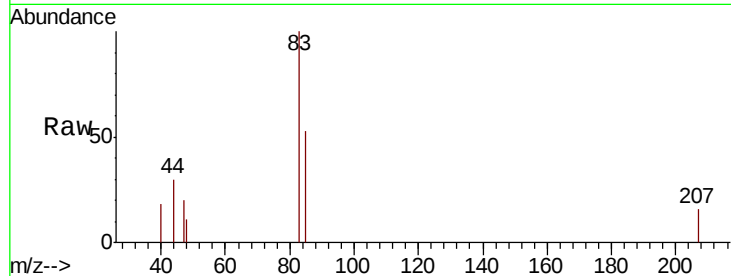




#30
Chloroform
Concen: 0.419 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VN058887.D
Acq: 21 Oct 2019 14:45

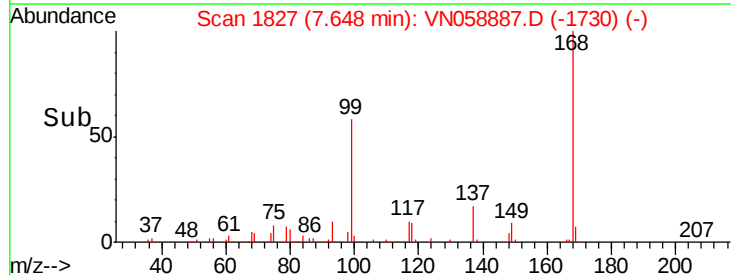
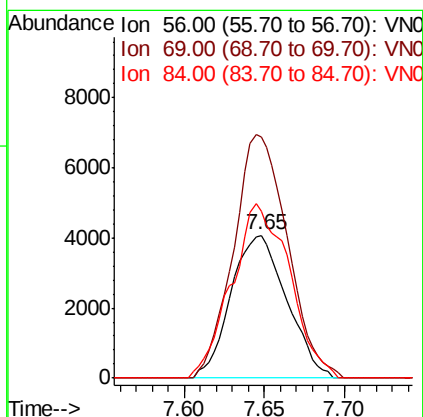
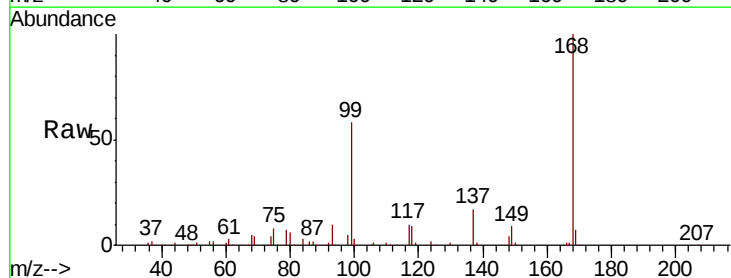
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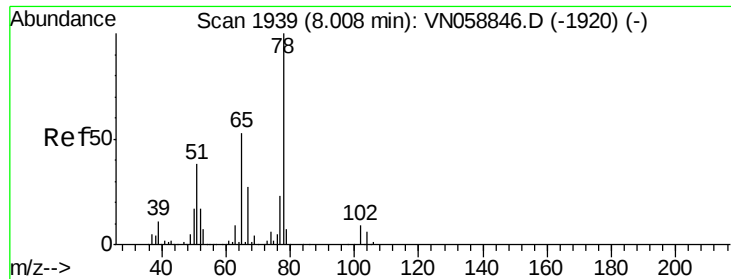
Tot Ion: 83 Resp: 3754
Ion Ratio Lower Upper
83 100
85 53.4 51.9 77.9



#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN058887.D
Acq: 21 Oct 2019 14:45

Tgt Ion: 56 Resp: 9738
Ion Ratio Lower Upper
56 100
69 168.5 26.2 39.4#
84 116.4 65.6 98.4#

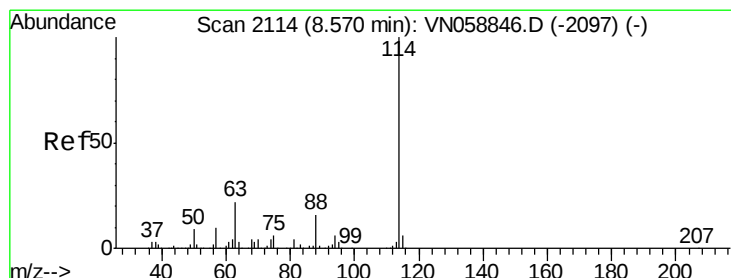
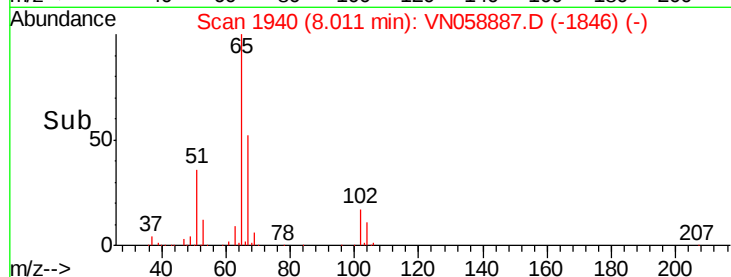
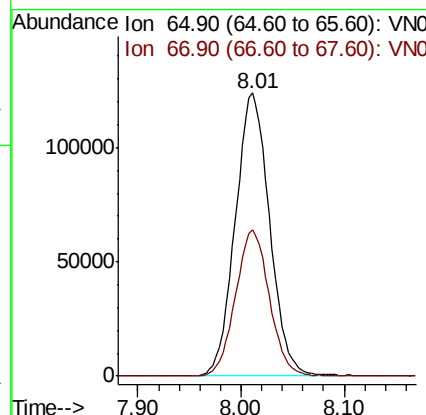
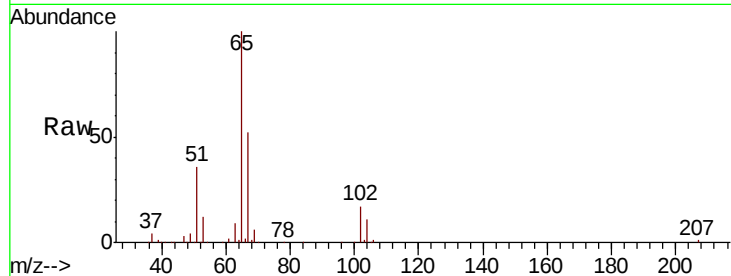




#33
 1,2-Dichloroethane-d4
 Concen: 49.662 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058887.D
 Acq: 21 Oct 2019 14:45

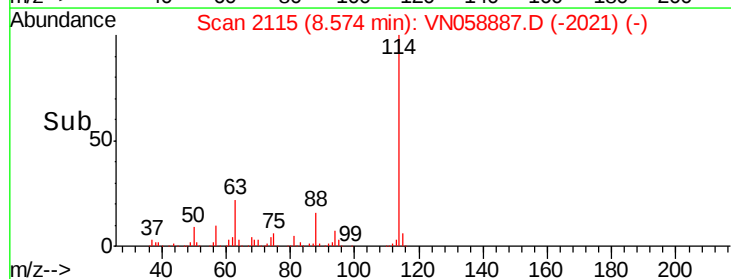
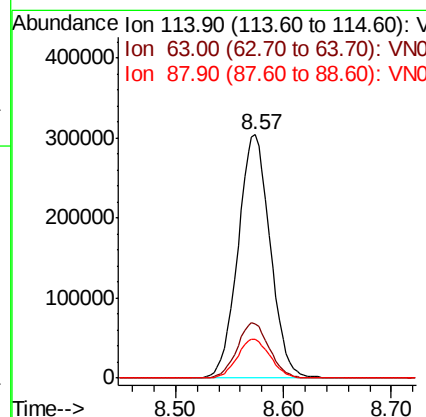
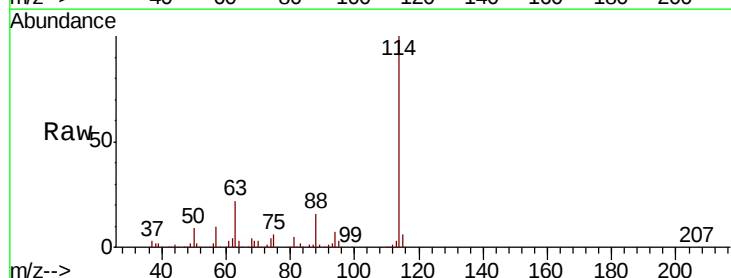
Instrument :
 MSVOA_N
 ClientSampled :
 RT5124

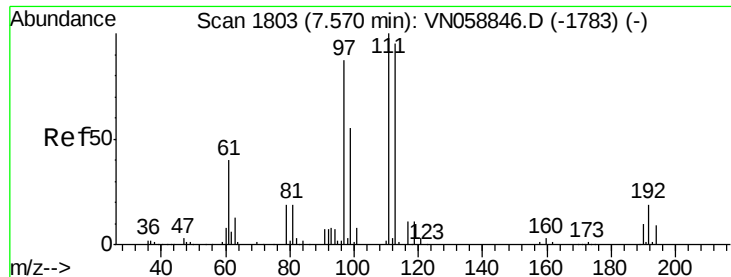
Tot Ion: 65 Resp: 287342
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058887.D
 Acq: 21 Oct 2019 14:45

Tgt Ion: 114 Resp: 631095
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.4
 88 16.1 0.0 31.4

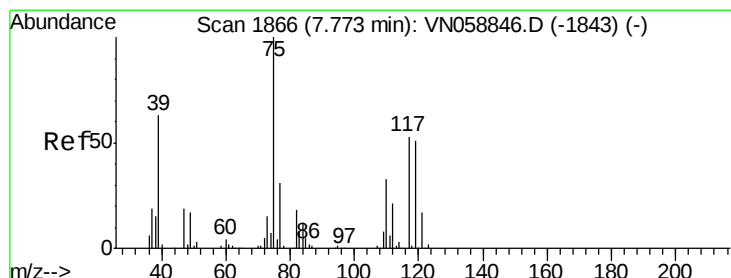
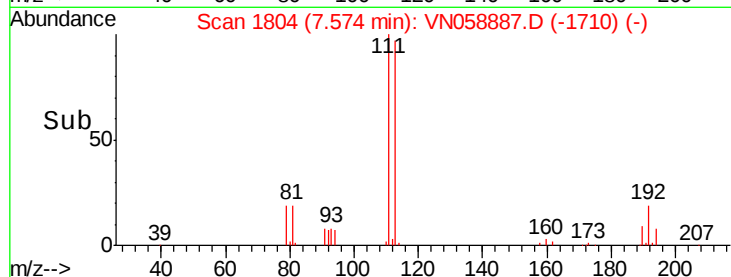
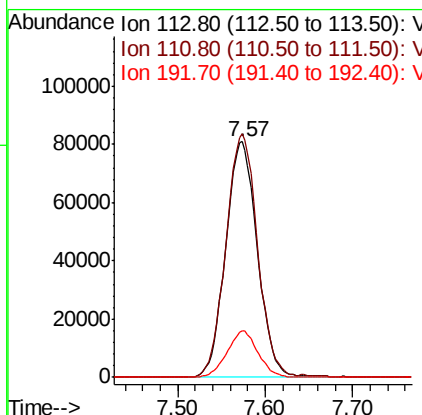
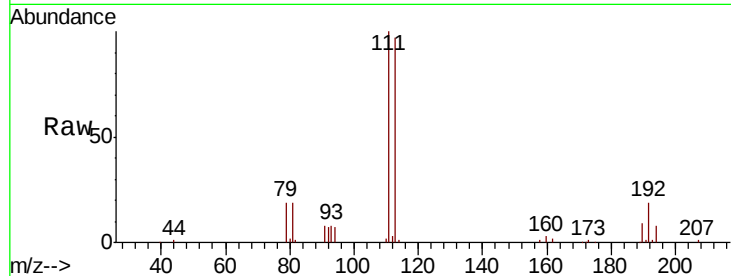




#35
 Dibromofluoromethane
 Concen: 49.179 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058887.D
 Acq: 21 Oct 2019 14:45

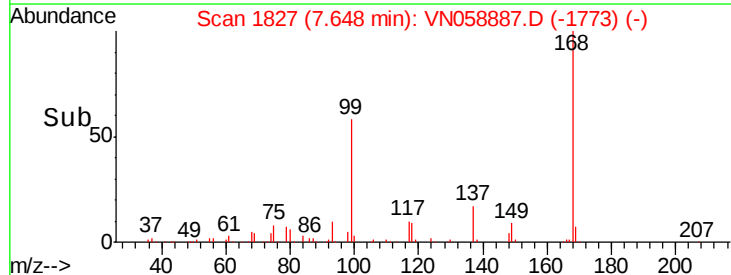
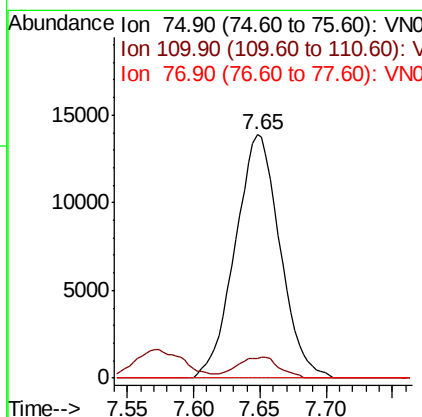
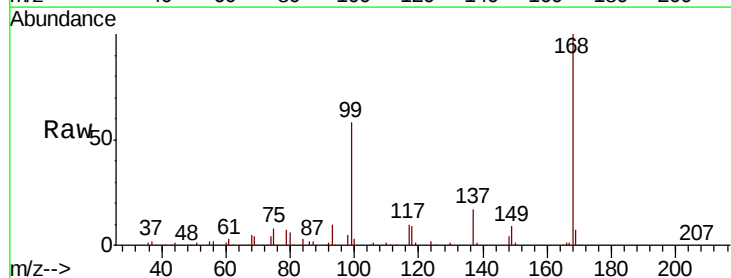
Instrument :
 MSVOA_N
 ClientSampled :
 RT5124

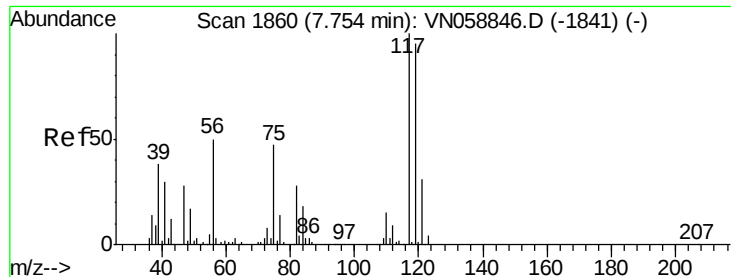
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	19.1	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 5.053 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058887.D
 Acq: 21 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.3	48.9#
77	0.0	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 5.875 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.10 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

RT5124

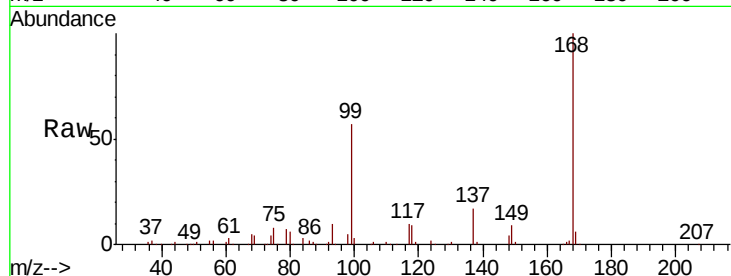
Tot Ion:117 Resp: 39104

Ion Ratio Lower Upper

117 100

119 5.9 75.7 113.5#

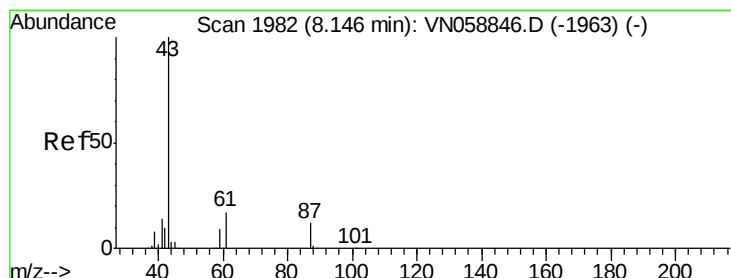
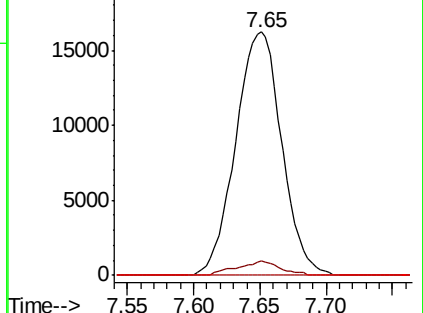
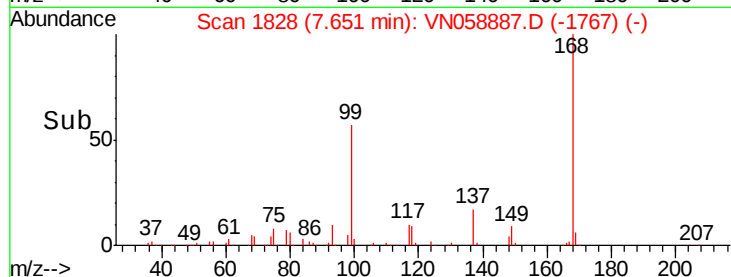
121 0.0 25.0 37.6#



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: 9.356 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

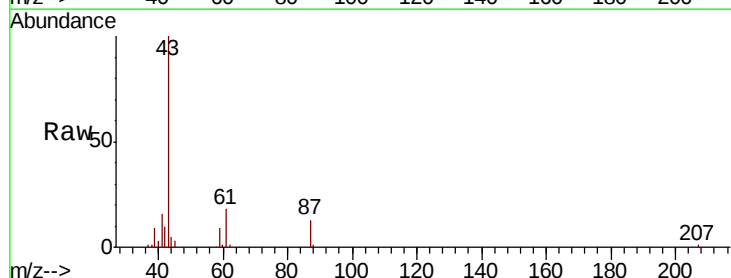
Tgt Ion: 43 Resp: 105638

Ion Ratio Lower Upper

43 100

61 18.2 20.2 30.2#

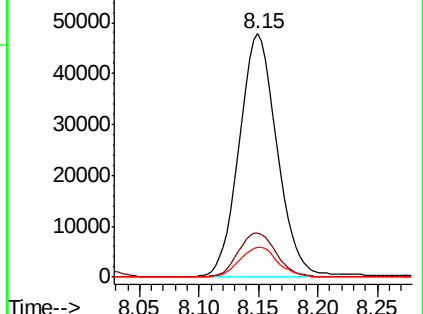
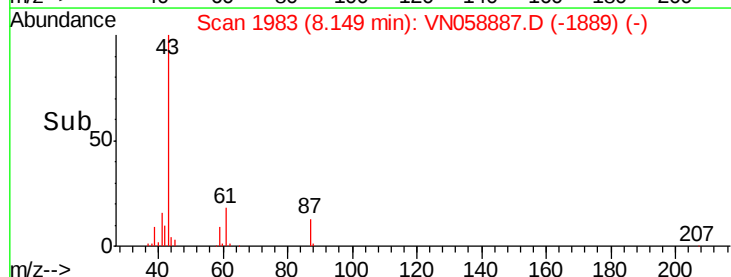
87 12.4 9.5 14.3

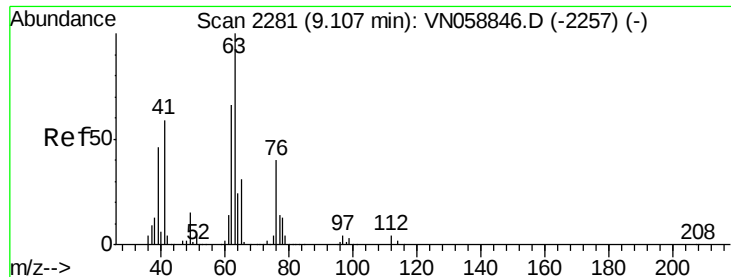


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.387 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

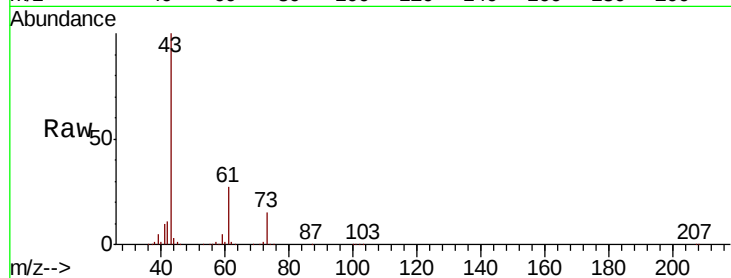
RT5124

Tot Ion: 63 Resp: 2011

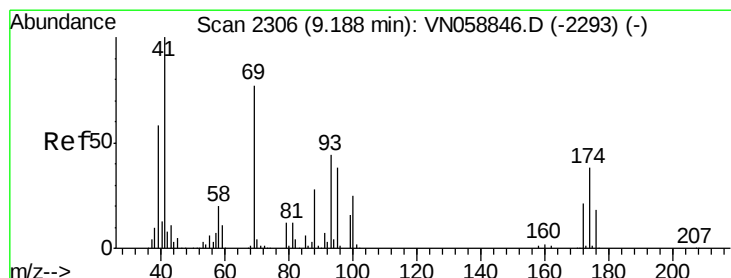
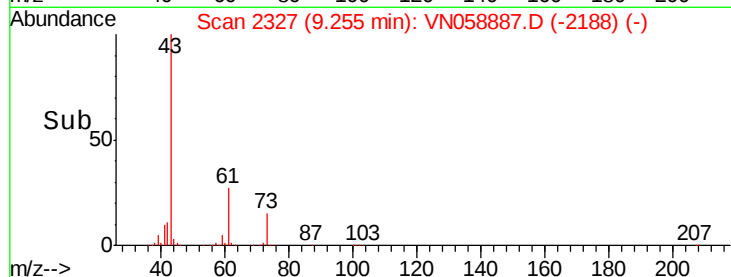
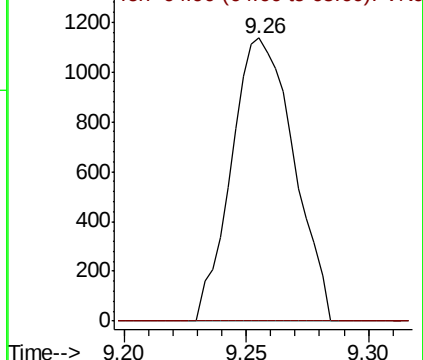
Ion Ratio Lower Upper

63 100

65 0.0 24.5 36.7#



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.148 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

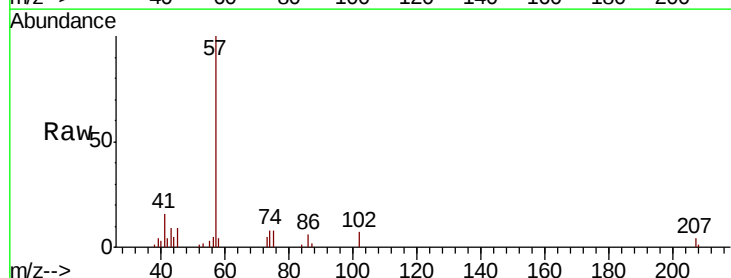
Tgt Ion: 41 Resp: 5880

Ion Ratio Lower Upper

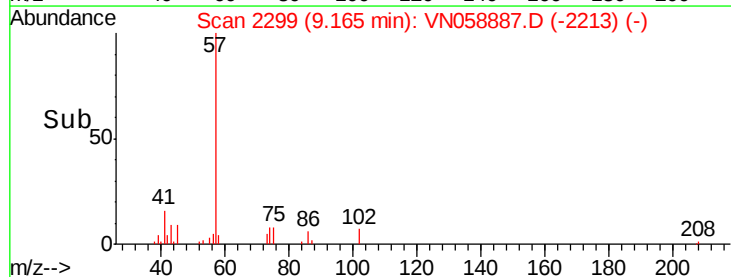
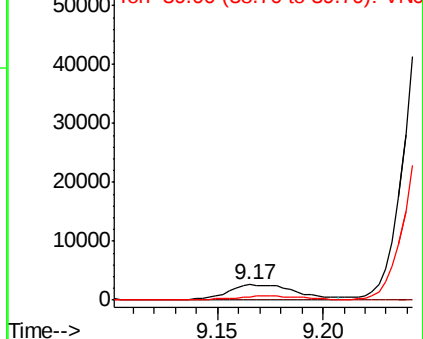
41 100

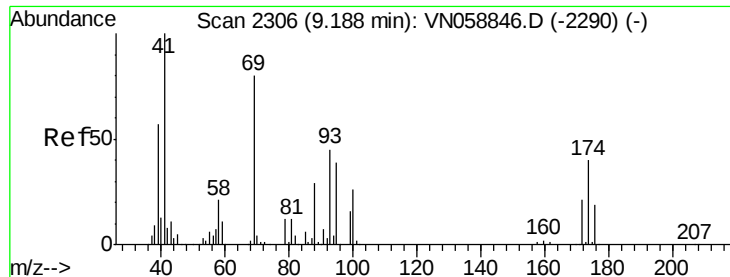
69 0.0 63.8 95.6#

39 0.0 47.8 71.8#



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





#49

1,4-Dioxane

Concen: 0.345 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.07 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampled :

RT5124

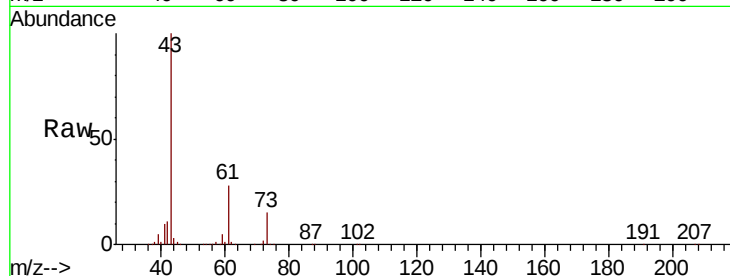
Tot Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 6212531.0 29.1 43.7#

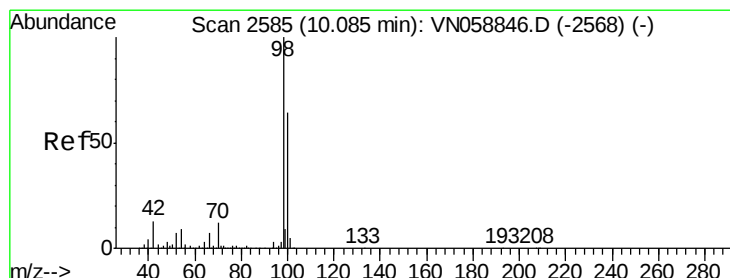
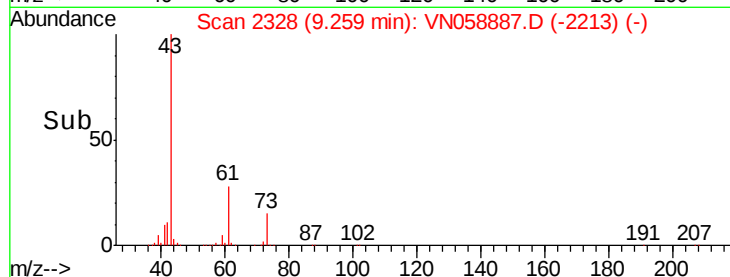
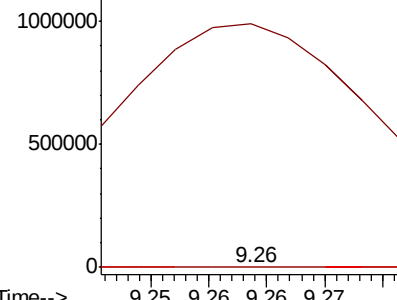
58 26548.3 59.4 89.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.869 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058887.D

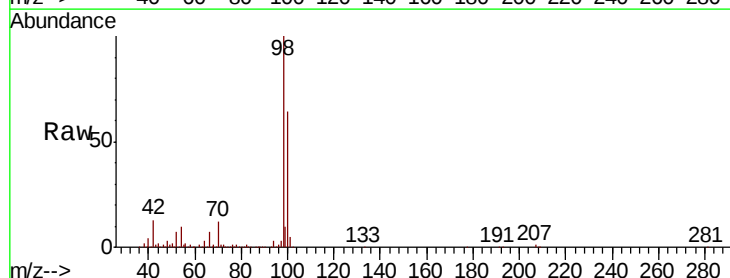
Acq: 21 Oct 2019 14:45

Tgt Ion: 98 Resp: 803243

Ion Ratio Lower Upper

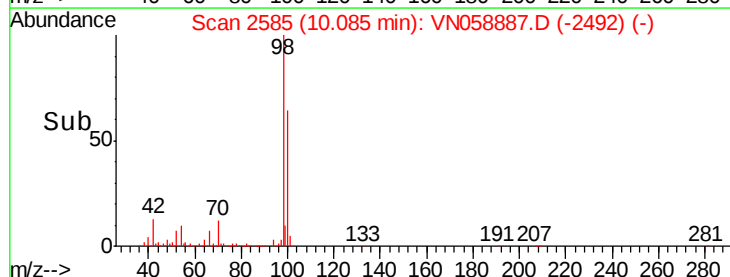
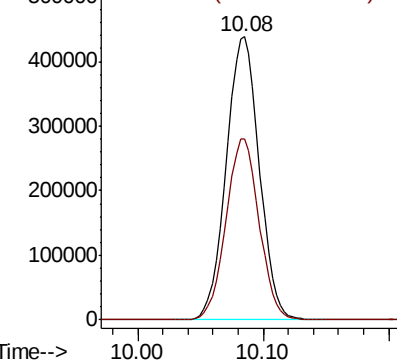
98 100

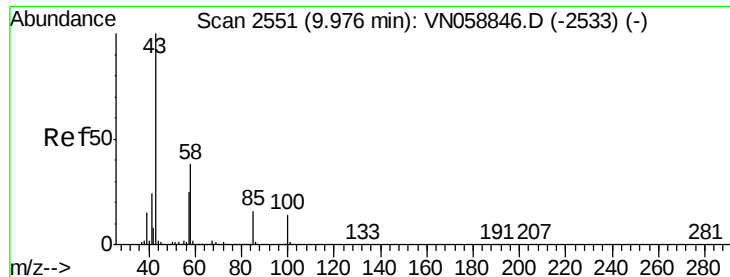
100 64.2 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.079 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

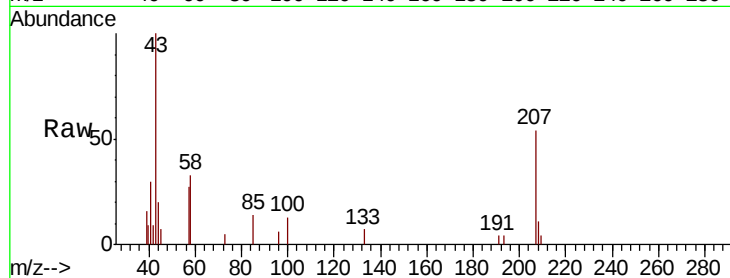
RT5124

Tot Ion: 43 Resp: 7118

Ion Ratio Lower Upper

43 100

58 35.6 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-2533) (-)

8000

6000

4000

2000

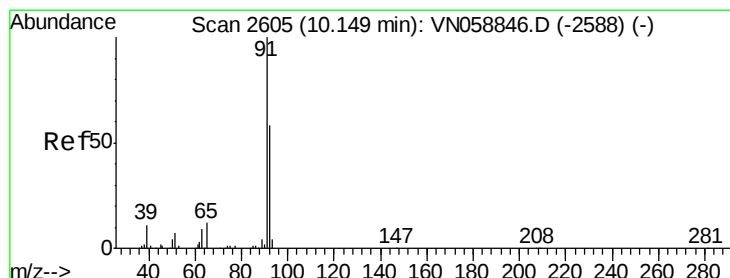
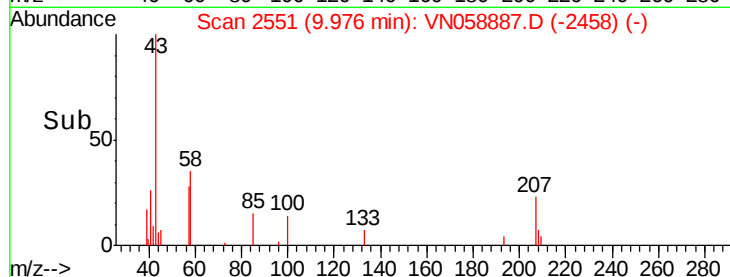
0

9.95

9.98

10.00

Time-->



#52

Toluene

Concen: 0.255 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058887.D

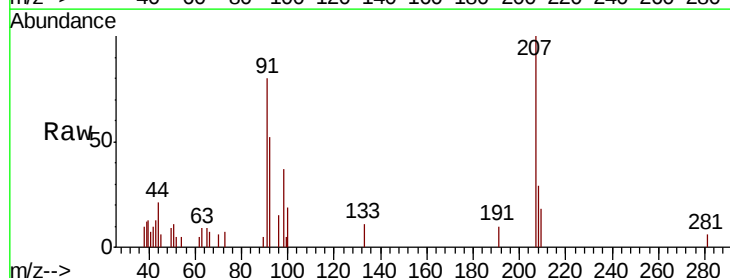
Acq: 21 Oct 2019 14:45

Tgt Ion: 92 Resp: 2866

Ion Ratio Lower Upper

92 100

91 176.7 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN058846.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN058846.D (-2588) (-)

3000

2500

2000

1500

1000

500

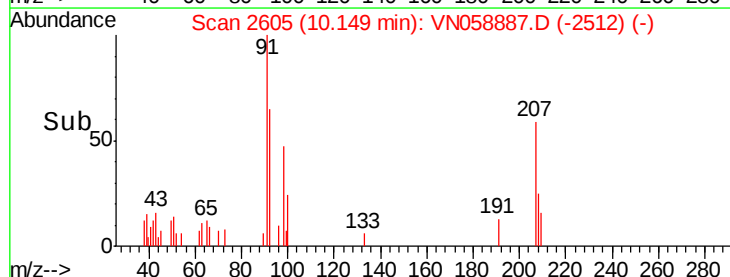
0

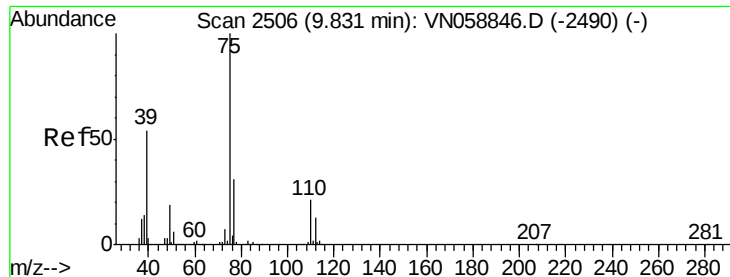
10.10

10.15

10.20

Time-->



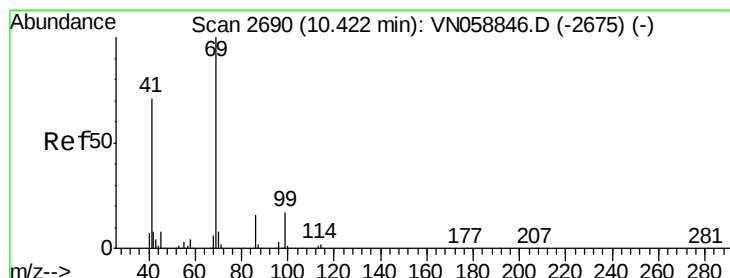
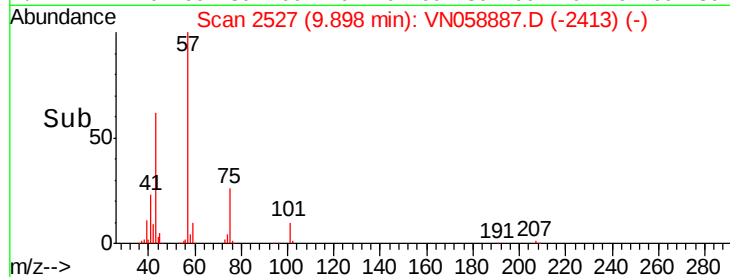
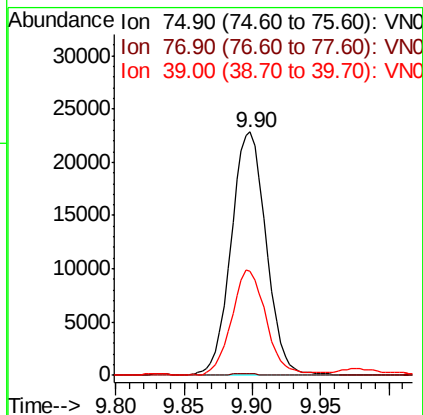
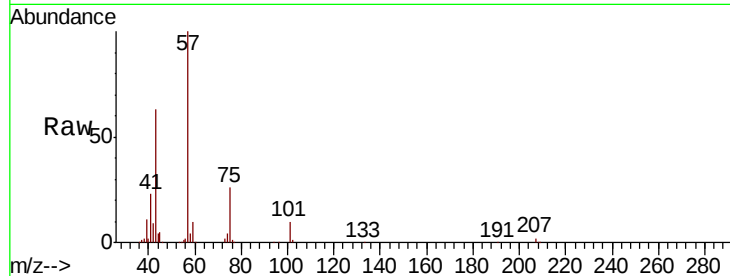


#54

cis-1,3-Dichloropropene
Concen: 5.087 ug/l
RT: 9.90 min Scan# 2527
Delta R.T. 0.07 min
Lab File: VN058887.D
Acq: 21 Oct 2019 14:45

Instrument :
MSVOA_N
ClientSampled :
RT5124

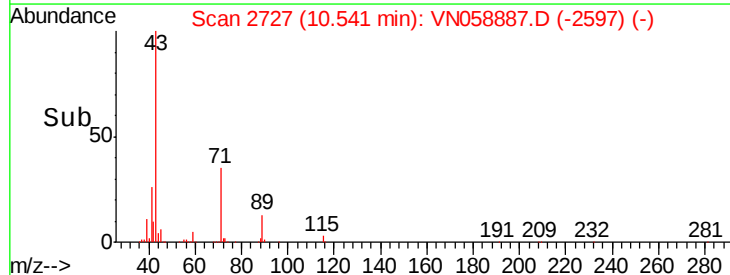
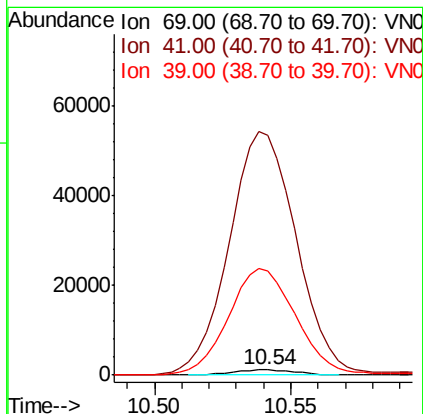
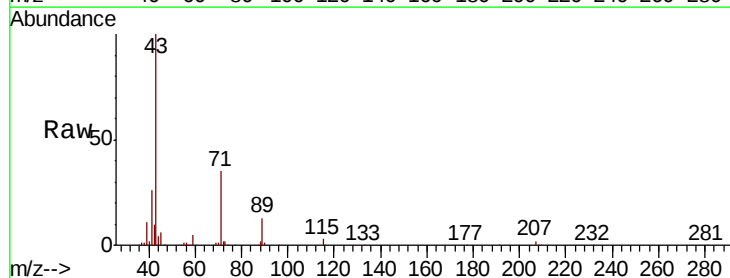
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.8	24.7	37.1#
39	42.7	43.5	65.3#

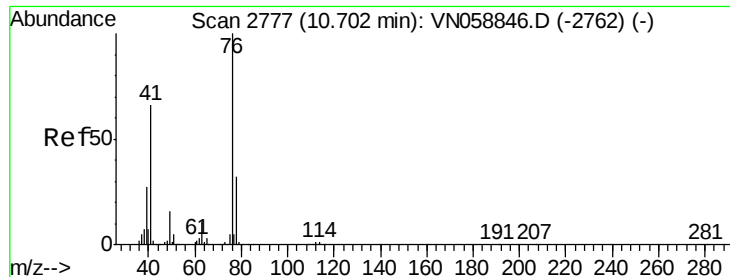


#56

Ethyl methacrylate
Concen: 2.319 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.12 min
Lab File: VN058887.D
Acq: 21 Oct 2019 14:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	5210.7	57.2	85.8#
39	2295.2	31.0	46.4#





#57

1,3-Dichloropropane

Concen: 0.852 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampled :

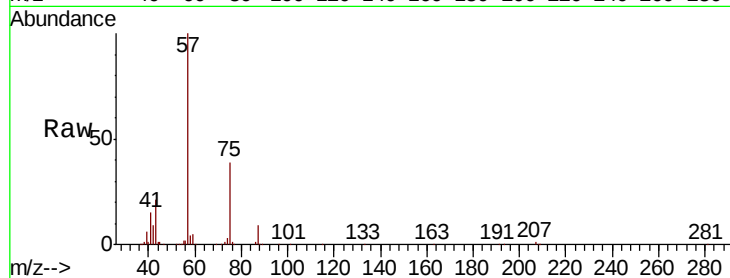
RT5124

Tot Ion: 76 Resp: 6928

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.76

5000

4000

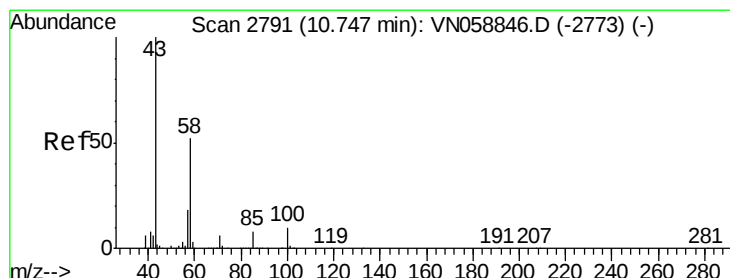
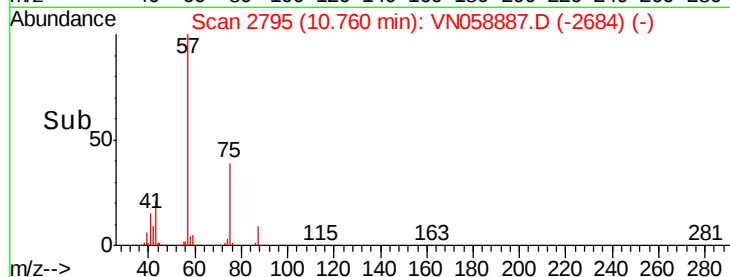
3000

2000

1000

0

Time--> 10.70 10.75 10.80



#59

2-Hexanone

Concen: 22.465 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.02 min

Lab File: VN058887.D

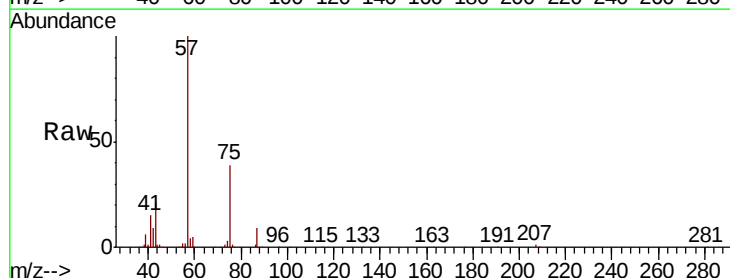
Acq: 21 Oct 2019 14:45

Tgt Ion: 43 Resp: 114486

Ion Ratio Lower Upper

43 100

58 18.8 25.9 77.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

80000

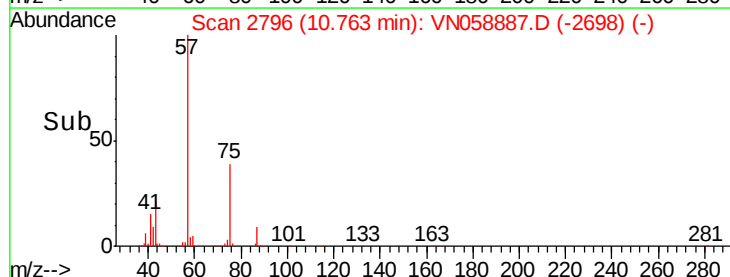
60000

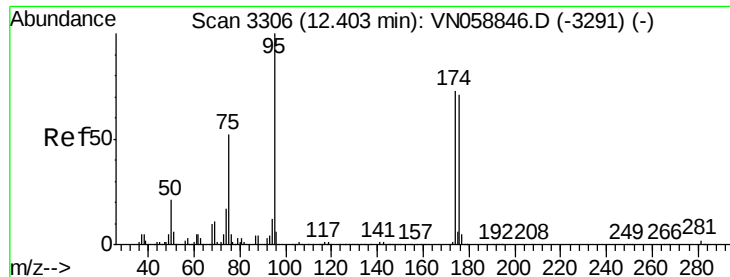
40000

20000

0

Time--> 10.70 10.75 10.80





#62

4-Bromofluorobenzene

Concen: 44.044 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

RT5124

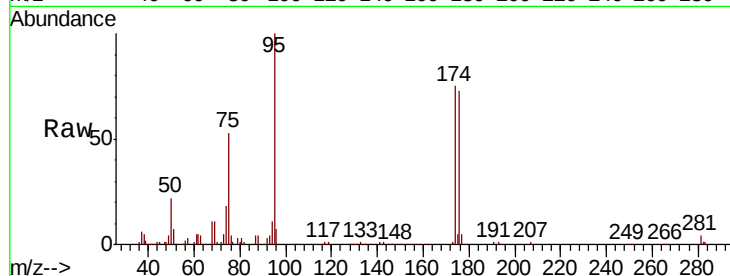
Tot Ion: 95 Resp: 260513

Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.6

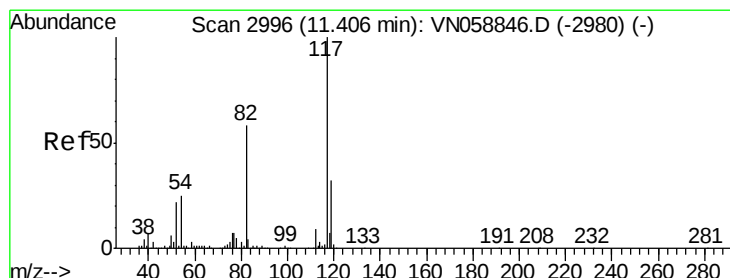
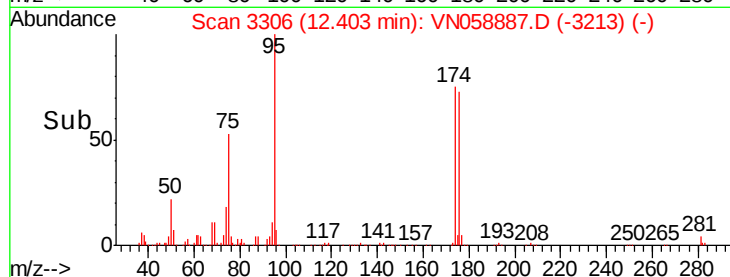
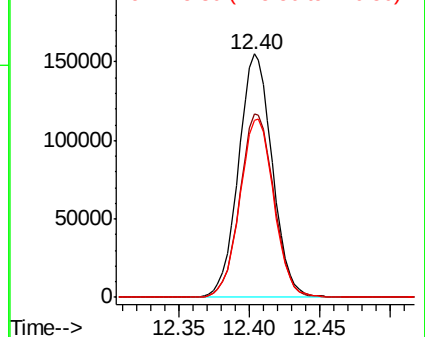
176 73.9 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058887.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058887.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058887.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

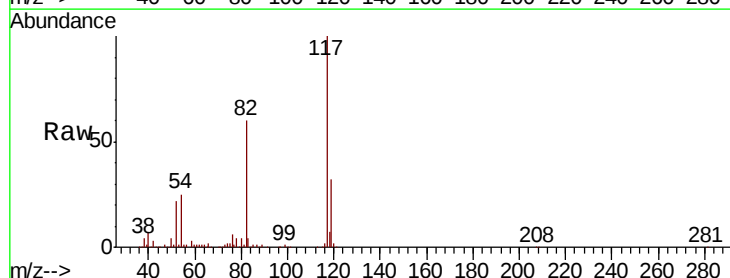
Tgt Ion: 117 Resp: 580177

Ion Ratio Lower Upper

117 100

82 59.7 46.6 69.8

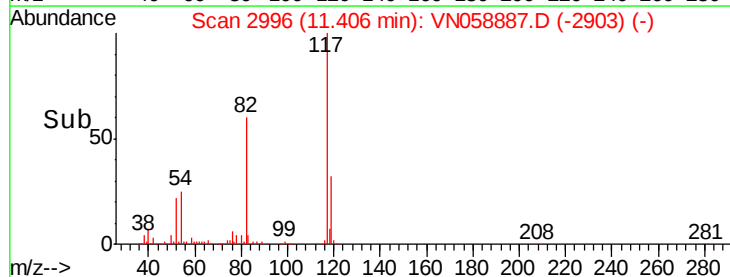
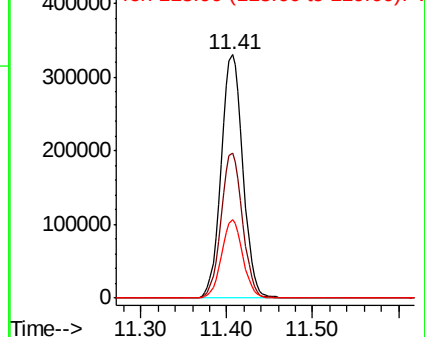
119 32.2 25.6 38.4

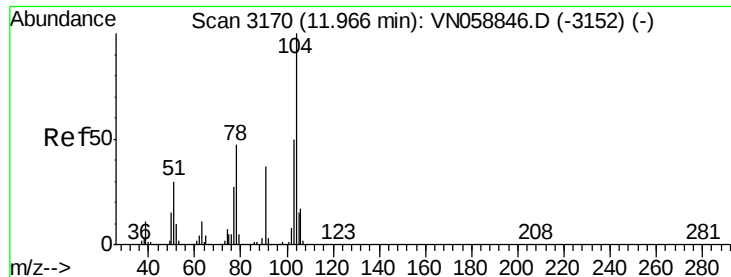


Abundance Ion 116.90 (116.60 to 117.60): VN058887.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058887.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058887.D (-2903) (-)





#70

Stvrene

Concen: 1.737 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. 0.00 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

RT5124

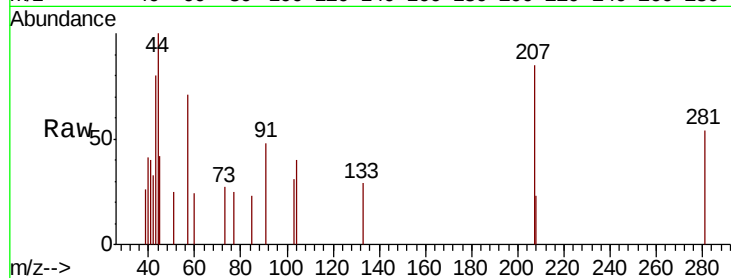
Tot Ion:104 Resp: 328

Ion Ratio Lower Upper

104 100

78 22.0 42.8 64.2#

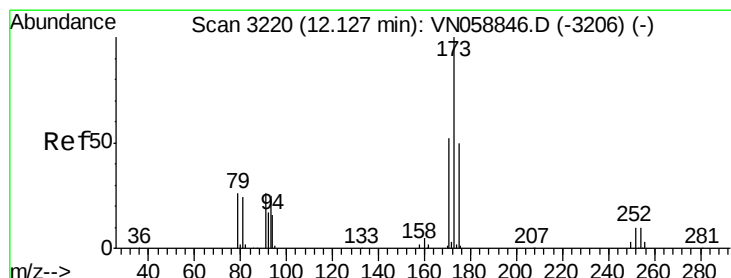
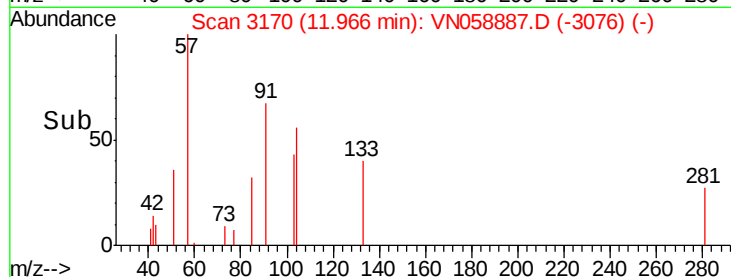
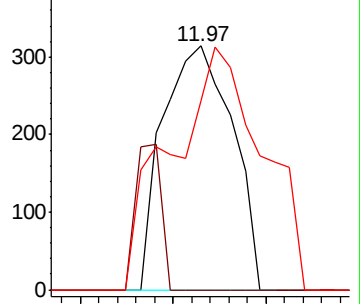
103 131.1 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.374 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

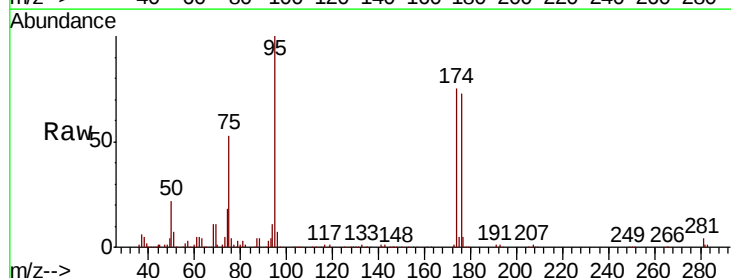
Tgt Ion:173 Resp: 1292

Ion Ratio Lower Upper

173 100

175 864.6 24.7 74.1#

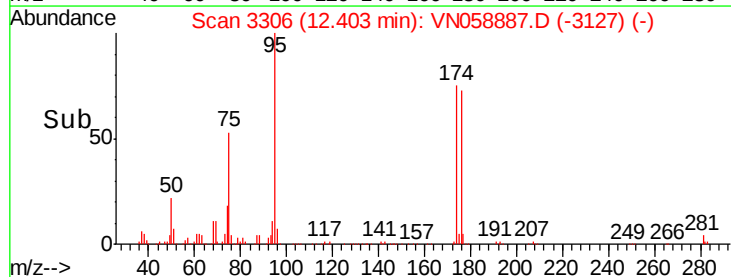
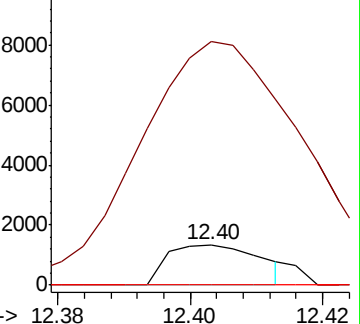
254 0.0 0.0 0.0

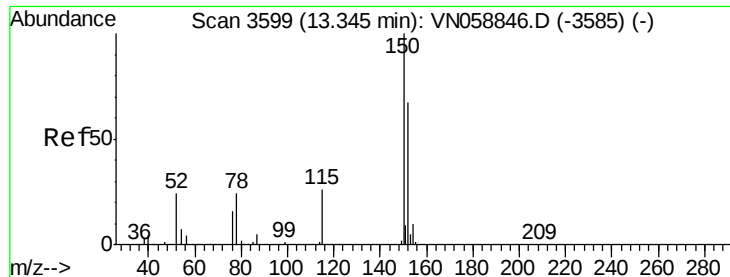


Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

RT5124

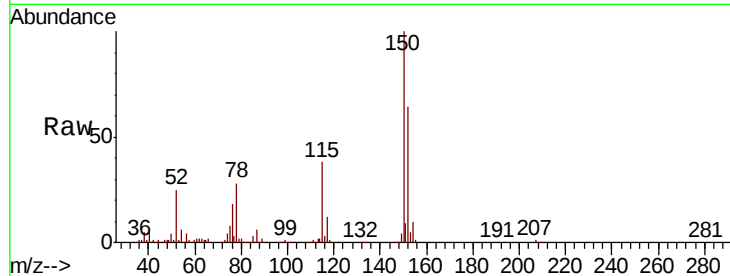
Tot Ion:152 Resp: 221812

Ion Ratio Lower Upper

152 100

115 60.1 30.5 91.5

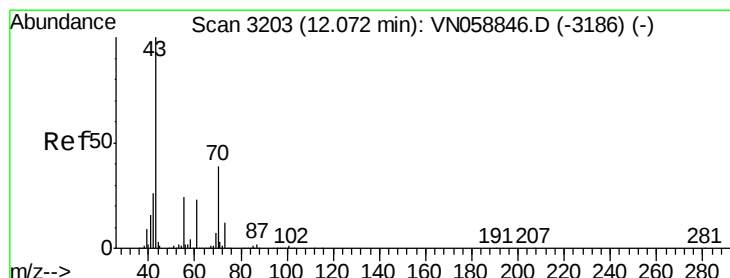
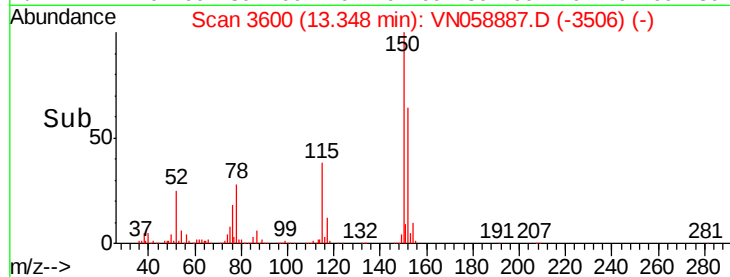
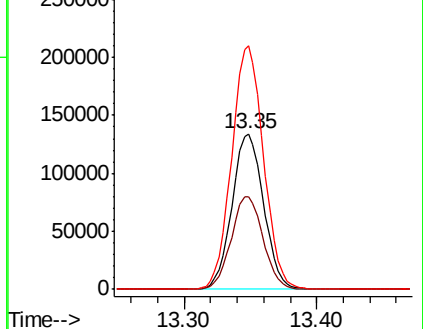
150 157.6 0.0 344.4



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



#74

N-ethyl acetate

Concen: 0.679 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Tgt Ion: 43 Resp: 4992

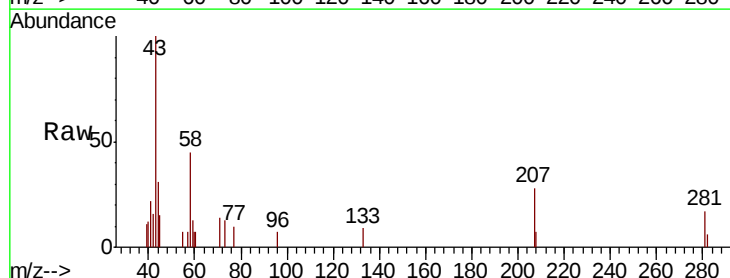
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 3.2 19.7 29.5#

61 0.0 18.2 27.4#

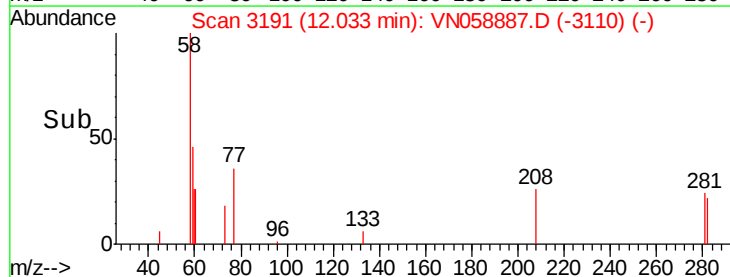
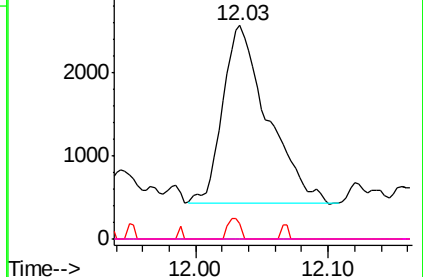


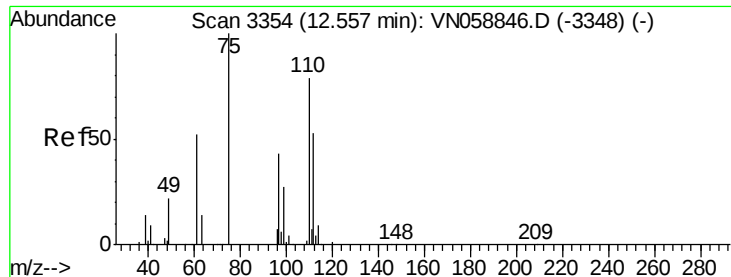
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 27.033 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

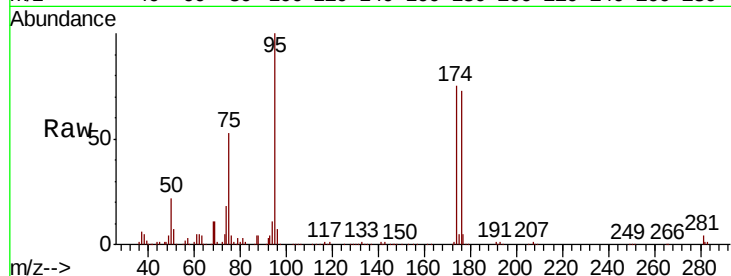
RT5124

Tot Ion: 75 Resp: 138970

Ion Ratio Lower Upper

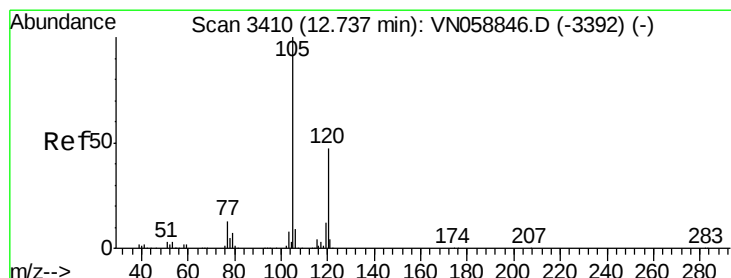
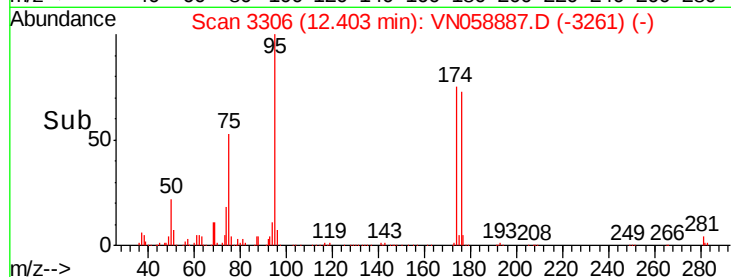
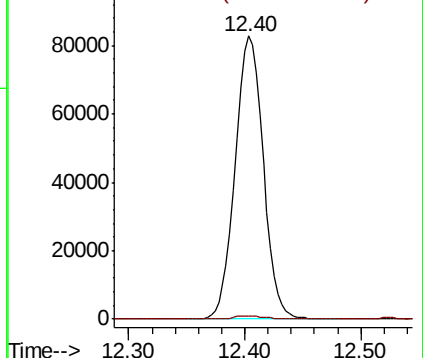
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.283 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058887.D

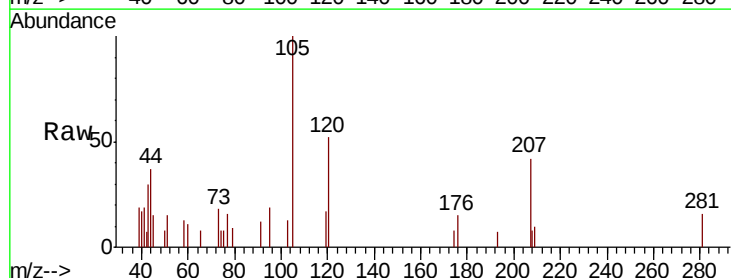
Acq: 21 Oct 2019 14:45

Tgt Ion:105 Resp: 3850

Ion Ratio Lower Upper

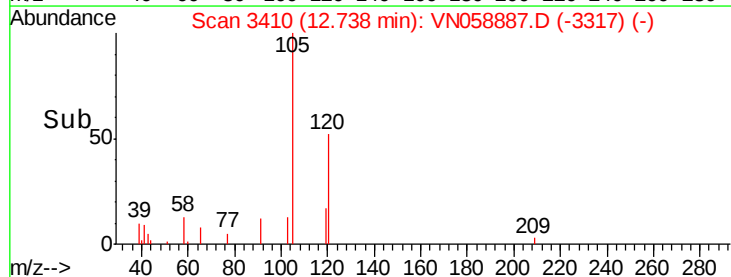
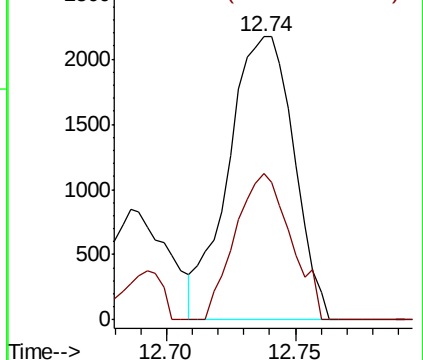
105 100

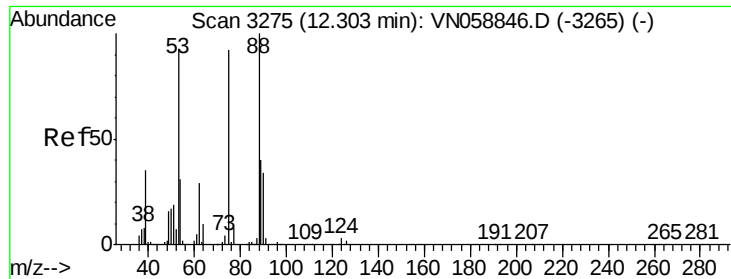
120 44.0 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 70.423 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058887.D

Acq: 21 Oct 2019 14:45

Instrument :

MSVOA_N

ClientSampled :

RT5124

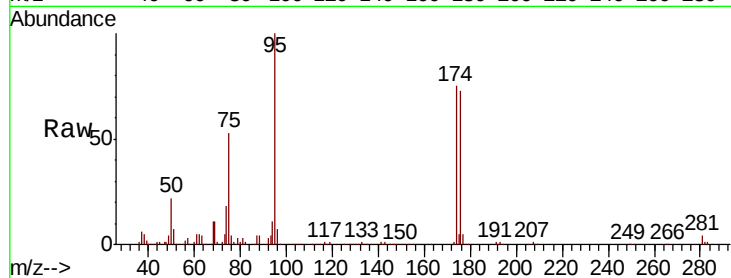
Tot Ion: 75 Resp: 138970

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

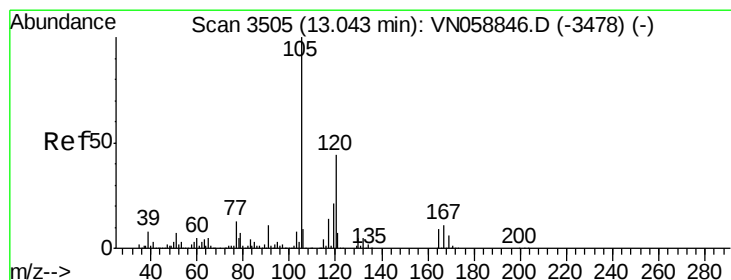
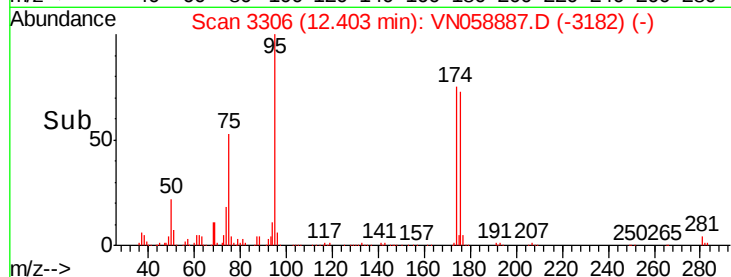
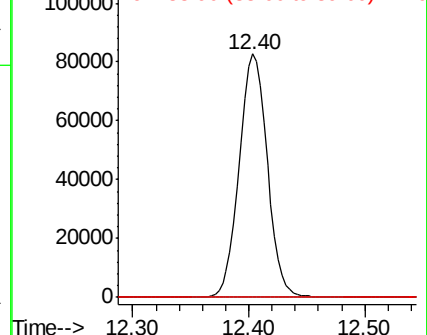
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.396 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN058887.D

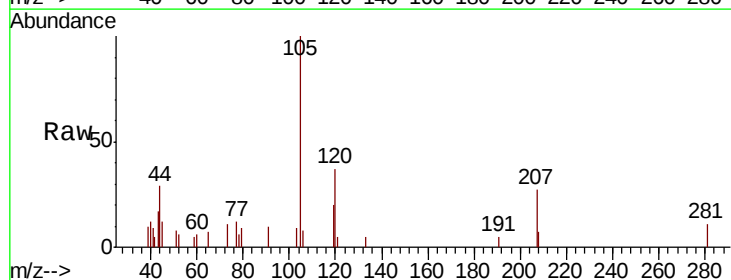
Acq: 21 Oct 2019 14:45

Tgt Ion: 105 Resp: 5325

Ion Ratio Lower Upper

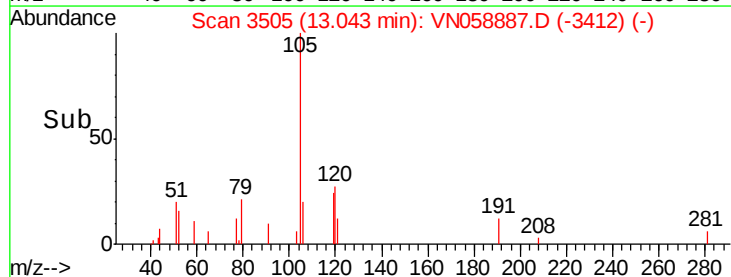
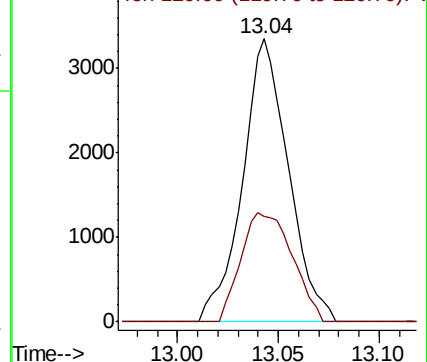
105 100

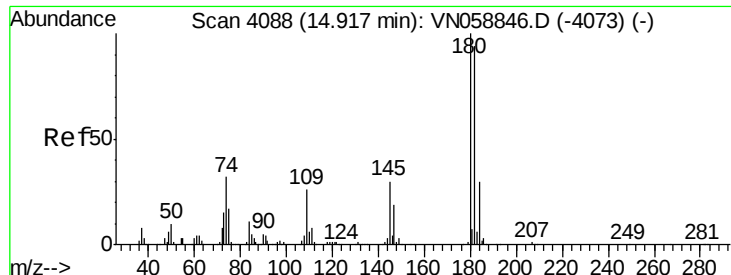
120 43.2 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

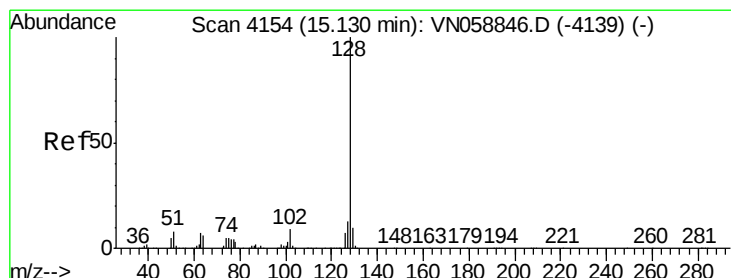
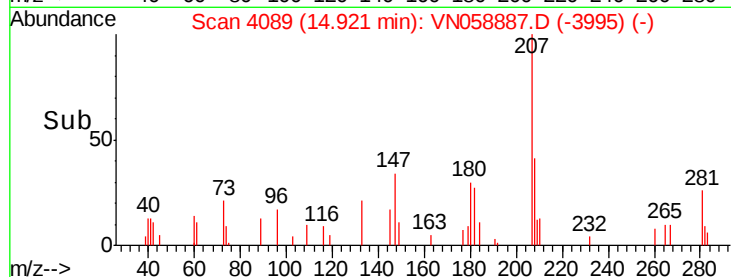
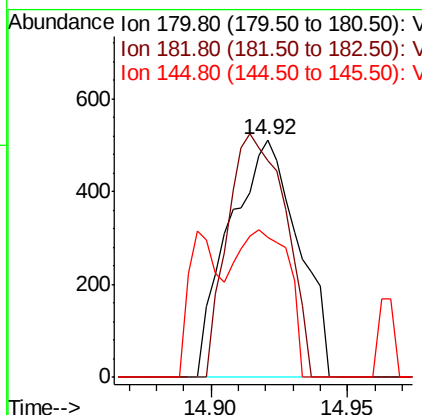
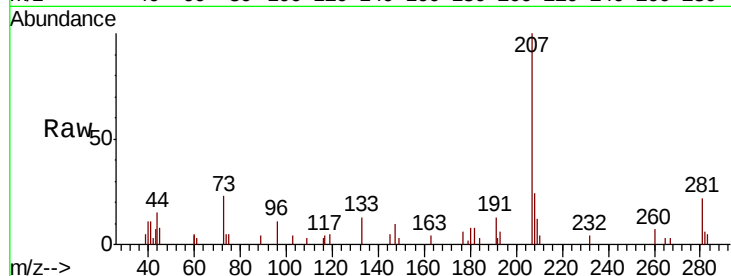




#93
 1,2,4-Trichlorobenzene
 Concen: 2.713 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN058887.D
 Acq: 21 Oct 2019 14:45

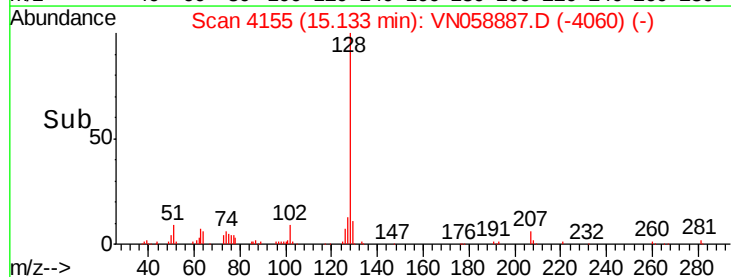
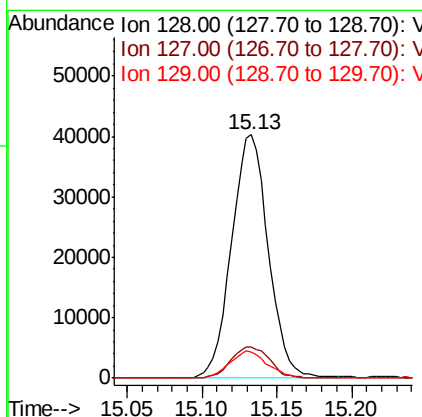
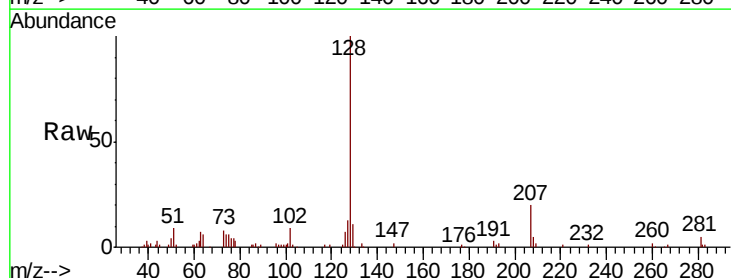
Instrument :
 MSVOA_N
 ClientSampleId :
 RT5124

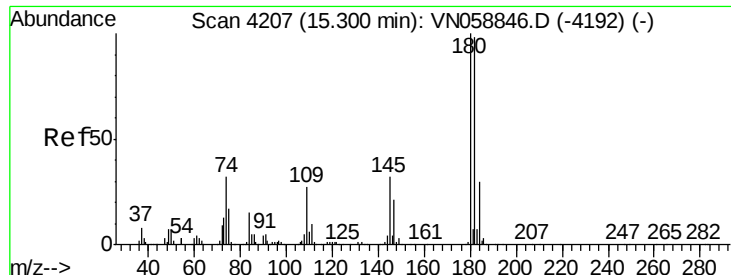
Tot Ion:180 Resp: 895
 Ion Ratio Lower Upper
 180 100
 182 87.2 47.3 142.0
 145 47.8 15.3 45.8#



#95
 Naphthalene
 Concen: 7.403 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN058887.D
 Acq: 21 Oct 2019 14:45

Tgt Ion:128 Resp: 68846
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.2 15.2
 129 11.3 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 2.596 ug/l
 RT: 15.30 min Scan# 4206
 Delta R.T. -0.00 min
 Lab File: VN058887.D
 Acq: 21 Oct 2019 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 RT5124

Tot Ion	Ratio	Lower	Upper
180	100		
182	70.1	47.9	143.7
145	10.2	15.9	47.7#

