

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058735.D
 Acq On : 12 Oct 2019 4:28
 Operator : JC/SP
 Sample : K5323-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Oct 12 05:50:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	411118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	652257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	595040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	295635	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	7.57	113	211841	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
50) Toluene-d8	10.08	98	831404	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.40	95	273528	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	

Target Compounds

						Qvalue
14) Allyl chloride	4.53	41	145323	18.239	ug/l #	23
16) Acetone	3.80	43	14488	6.080	ug/l	96
18) Methyl Acetate	4.32	43	10673	1.766	ug/l #	87
20) Methylene Chloride	4.53	84	4020539	807.354	ug/l	95
25) 2-Butanone	6.81	43	747	0.217	ug/l #	50
30) Chloroform	7.36	83	1813	0.205	ug/l	98
31) Cyclohexane	7.65	56	9789	1.160	ug/l #	3
36) 1,1-Dichloropropene	7.65	75	34292	5.200	ug/l #	50
38) Carbon Tetrachloride	7.65	117	41221	6.413	ug/l #	16
43) Isopropyl Acetate	8.15	43	101473	8.931	ug/l #	90
45) 1,2-Dichloropropane	9.26	63	1876	0.370	ug/l #	45
48) Methyl methacrylate	9.18	41	5963	1.158	ug/l #	14
49) 1,4-Dioxane	9.25	88	108	1.355	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6892	1.080	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	38854	4.874	ug/l #	66
56) Ethyl methacrylate	10.54	69	1754	0.253	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6933	0.858	ug/l #	42
59) 2-Hexanone	10.76	43	112934	22.902	ug/l #	52
67) Ethyl Benzene	11.51	91	26649	1.237	ug/l	99
68) m/p-Xylenes	11.62	106	20614	2.550	ug/l	99
69) o-Xylene	11.95	106	10099	1.291	ug/l	93
71) Bromoform	12.40	173	1681	0.513	ug/l #	1
73) Isopropylbenzene	12.25	105	5402	0.310	ug/l	98
74) N-amyl acetate	12.03	43	3658	0.467	ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	148965	28.218	ug/l #	100
78) n-propylbenzene	12.59	91	7385	0.364	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	19674	1.322	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	148965	75.586	ug/l #	11
83) tert-Butylbenzene	13.05	119	9650	0.757	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.04	105	76782	5.198	ug/l	99
85) sec-Butylbenzene	13.04	105	76782	4.572	ug/l #	57
90) Hexachloroethane	13.90	117	2097	0.768	ug/l #	10
95) Naphthalene	15.13	128	352061	26.356	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration

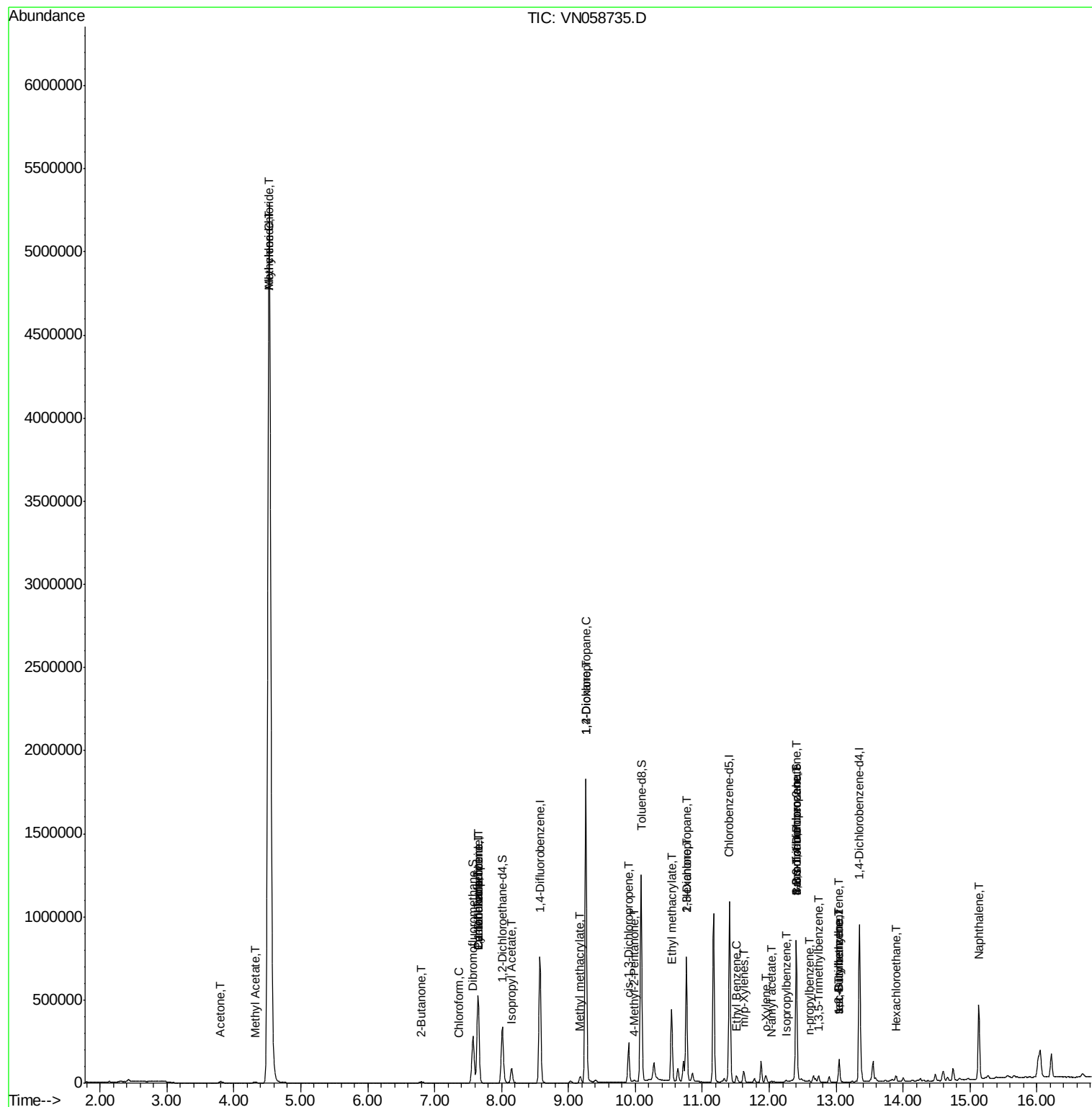
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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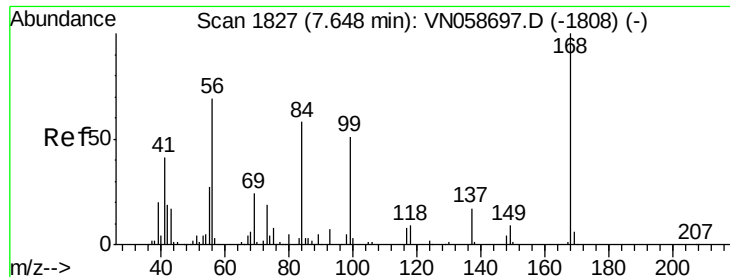
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

Instrument :

MSVOA_N

ClientSampleId :

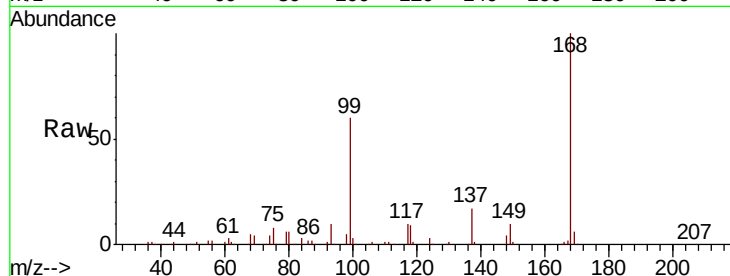
TP-2

Tot Ion:168 Resp: 411118

Ion Ratio Lower Upper

168 100

99 59.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

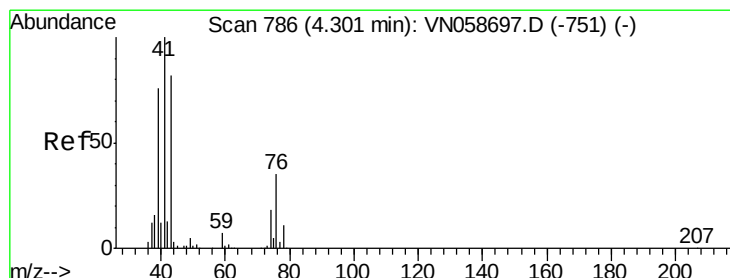
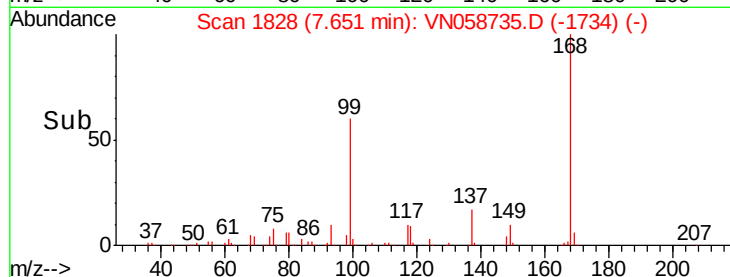
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 18.239 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.23 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

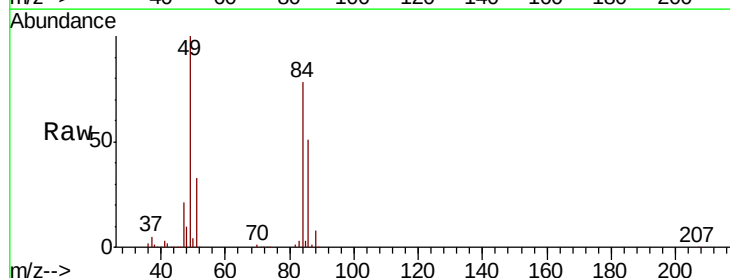
Tgt Ion: 41 Resp: 145323

Ion Ratio Lower Upper

41 100

39 0.6 57.2 85.8#

76 0.0 25.0 37.6#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

4.53

60000

50000

40000

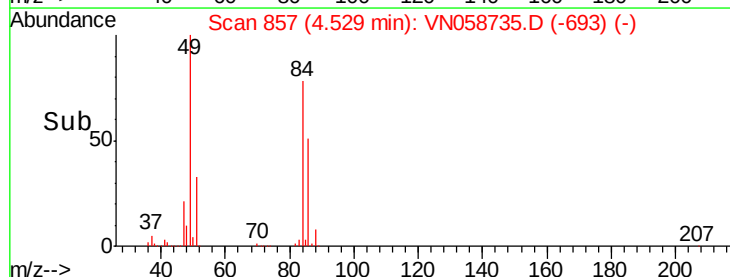
30000

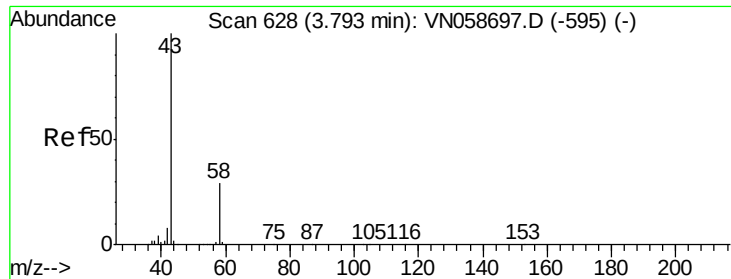
20000

10000

0

Time-->





#16

Acetone

Concen: 6.080 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

Instrument :

MSVOA_N

ClientSampleId :

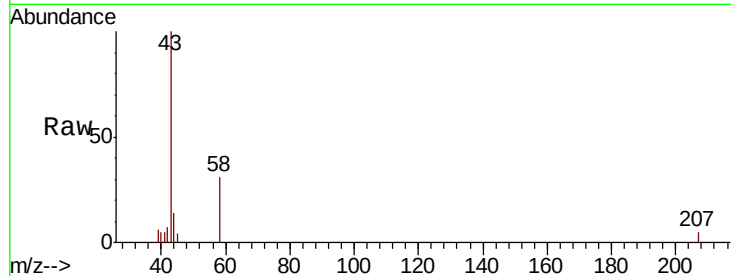
TP-2

Tot Ion: 43 Resp: 14488

Ion Ratio Lower Upper

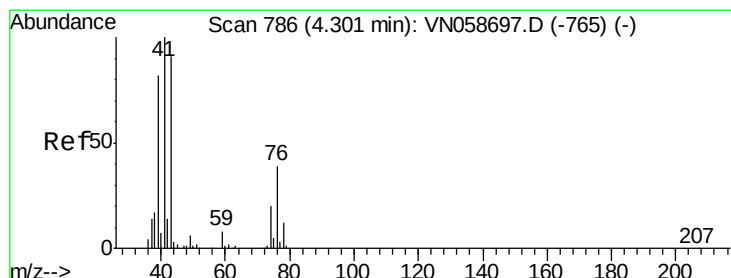
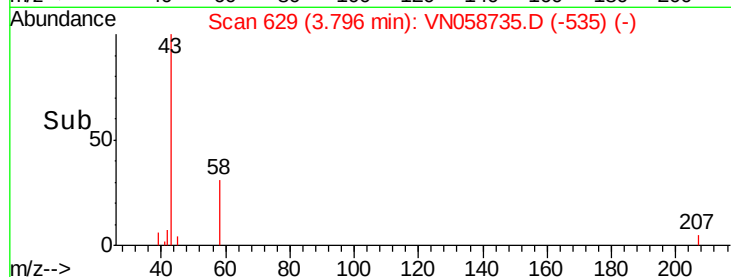
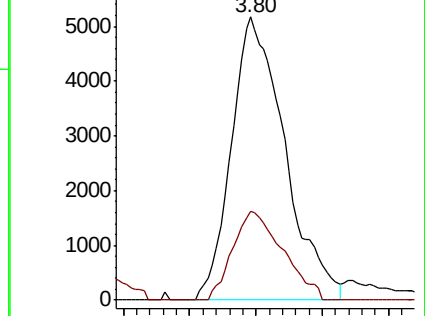
43 100

58 31.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN058735.D (-628) (-)

Ion 58.00 (57.70 to 58.70): VN058735.D (-628) (-)



#18

Methyl Acetate

Concen: 1.766 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.02 min

Lab File: VN058735.D

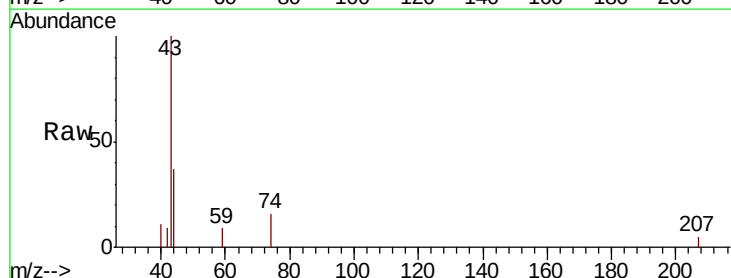
Acq: 12 Oct 2019 4:28

Tgt Ion: 43 Resp: 10673

Ion Ratio Lower Upper

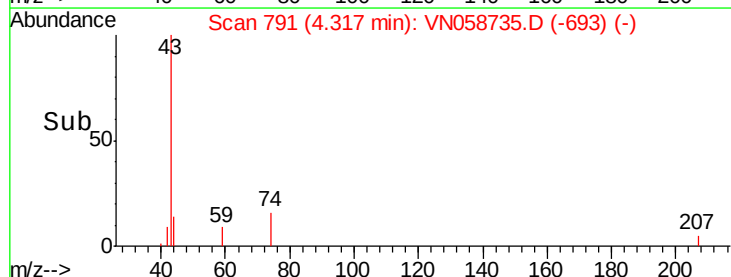
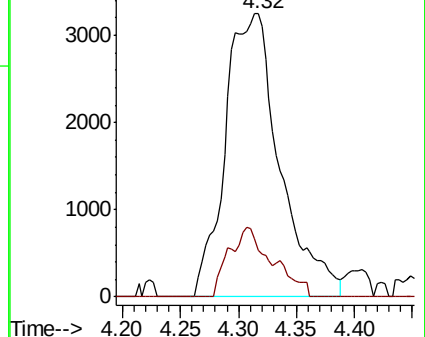
43 100

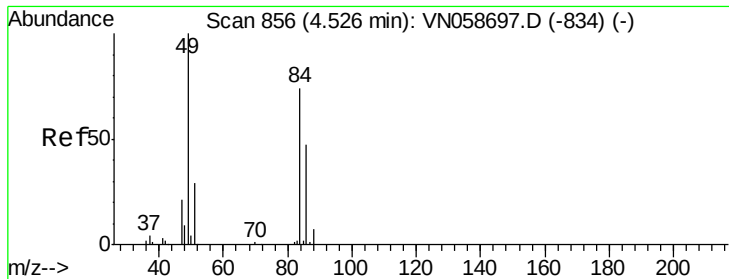
74 15.4 17.2 25.8#



Abundance Ion 43.00 (42.70 to 43.70): VN058735.D (-786) (-)

Ion 74.00 (73.70 to 74.70): VN058735.D (-786) (-)





#20

Methylene Chloride

Concen: 807.354 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion: 84 Resp: 4020539

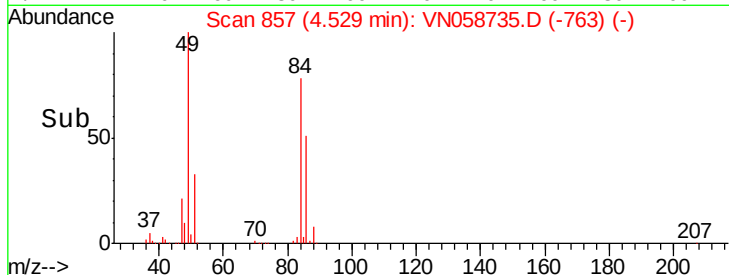
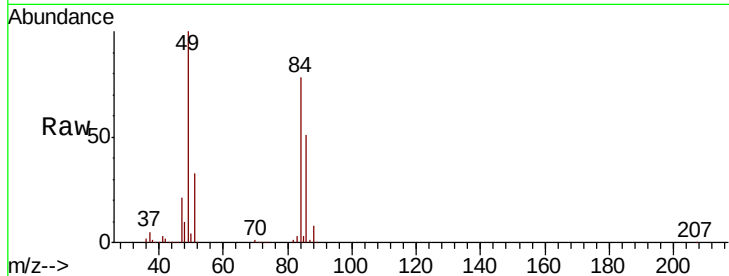
Ion Ratio Lower Upper

84 100

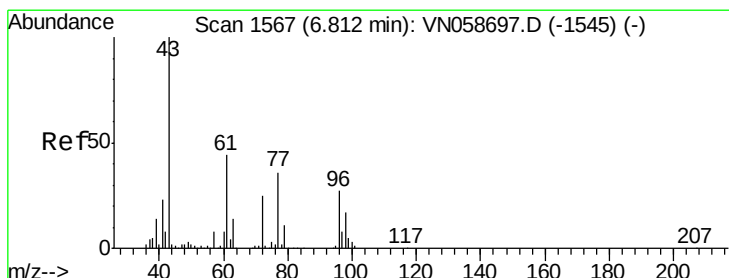
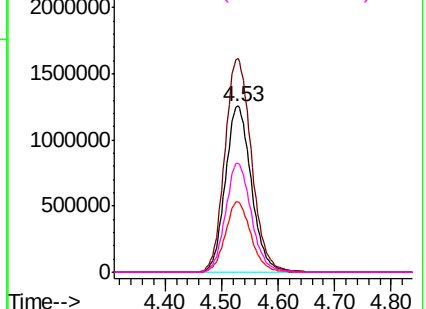
49 128.5 107.6 161.4

51 42.3 31.4 47.0

86 65.6 50.3 75.5



Abundance Ion 83.90 (83.60 to 84.60): VN0
2500000
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: 0.217 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN058735.D

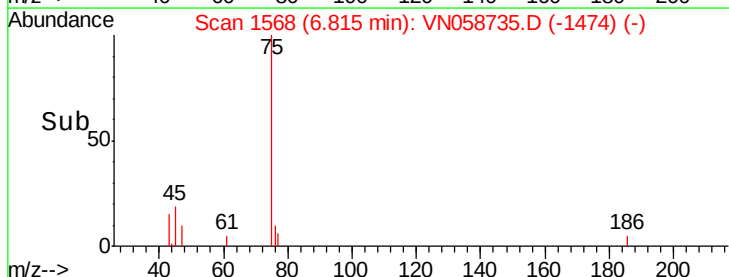
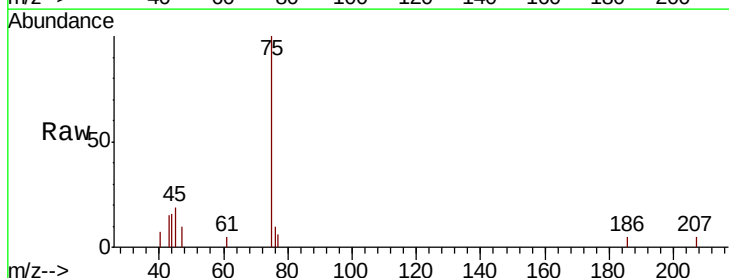
Acq: 12 Oct 2019 4:28

Tgt Ion: 43 Resp: 747

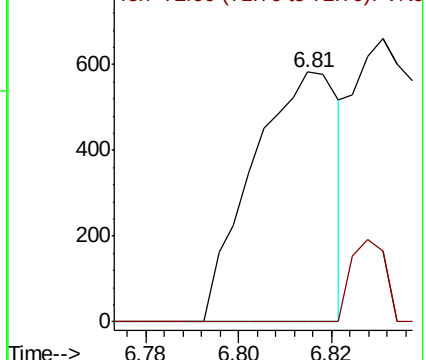
Ion Ratio Lower Upper

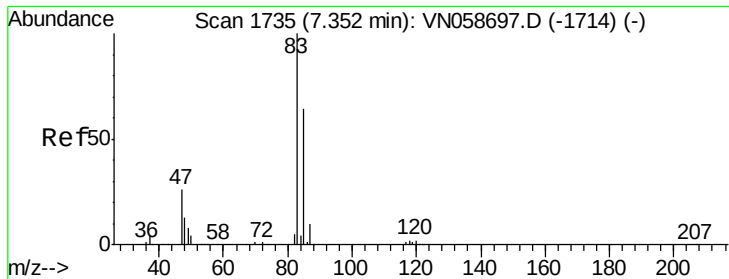
43 100

72 0.0 20.2 30.2#



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

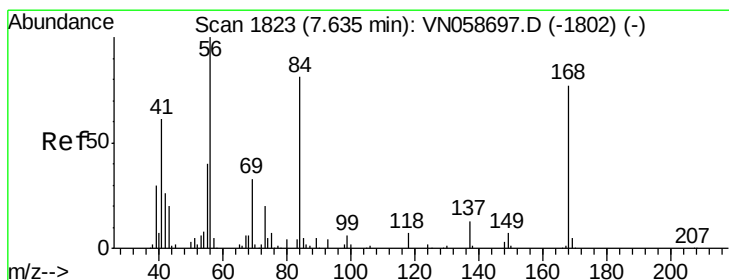
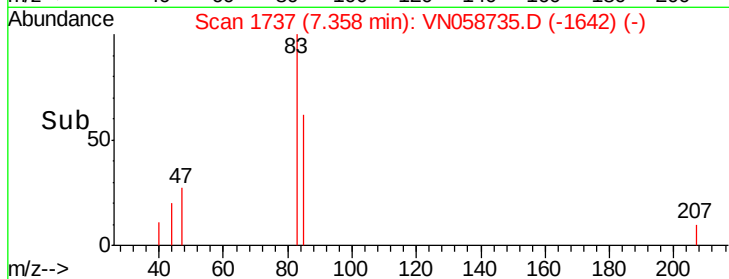
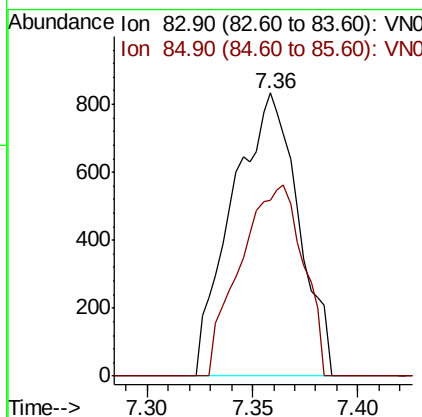
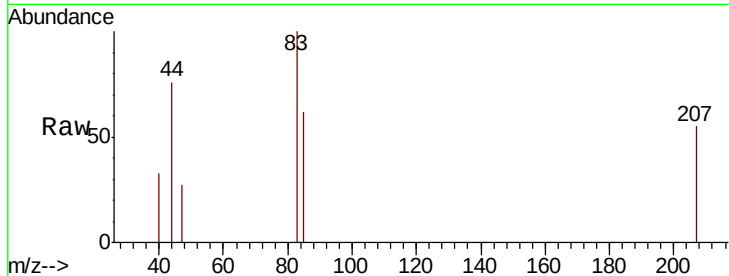




#30
Chloroform
Concen: 0.205 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VN058735.D
Acq: 12 Oct 2019 4:28

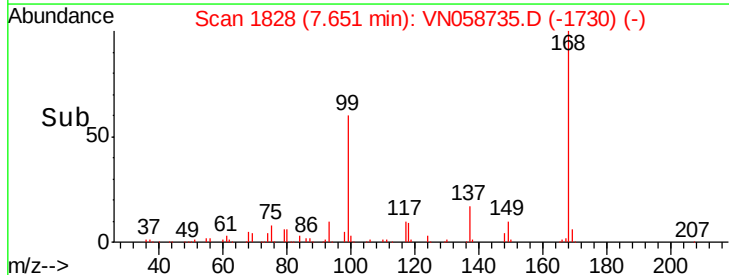
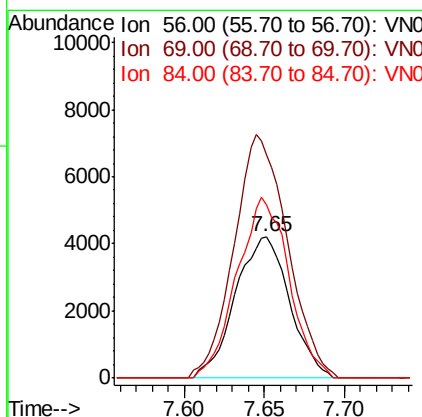
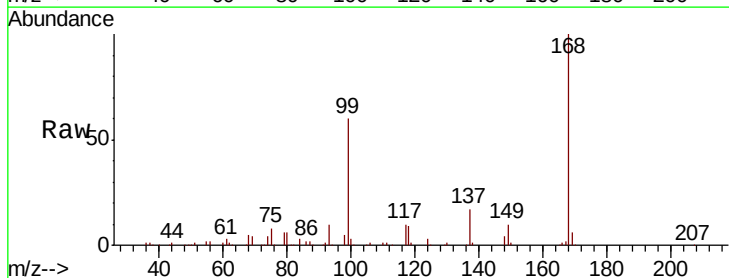
Instrument :
MSVOA_N
ClientSampled :
TP-2

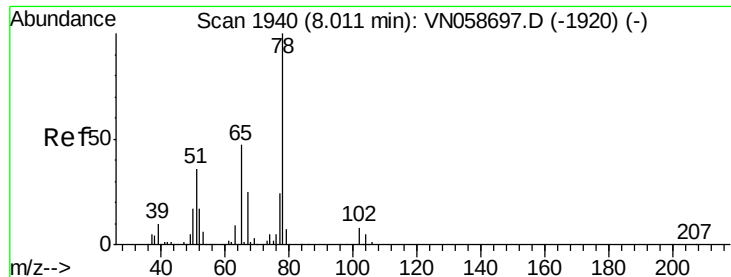
Tot Ion: 83 Resp: 1813
Ion Ratio Lower Upper
83 100
85 62.3 51.0 76.6



#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN058735.D
Acq: 12 Oct 2019 4:28

Tgt Ion: 56 Resp: 9789
Ion Ratio Lower Upper
56 100
69 157.9 26.2 39.4#
84 122.4 64.9 97.3#

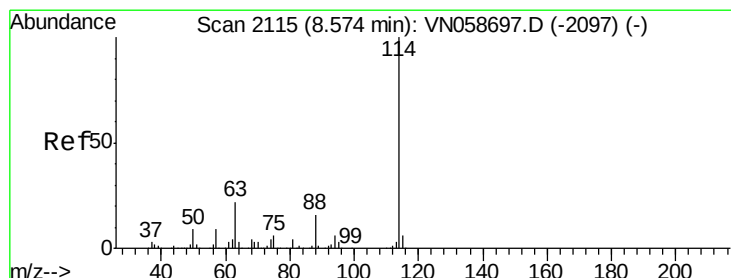
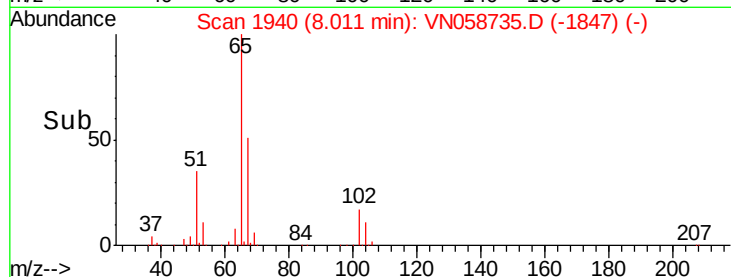
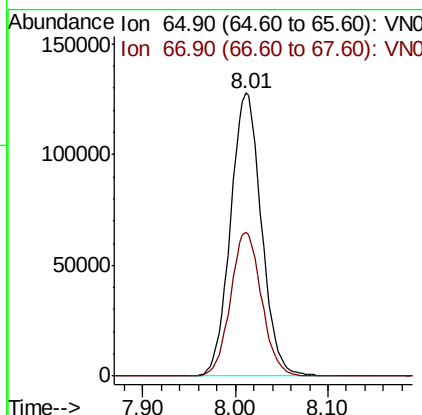
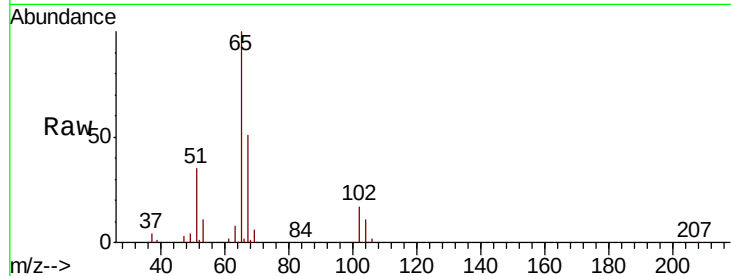




#33
 1,2-Dichloroethane-d4
 Concen: 51.365 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058735.D
 Acq: 12 Oct 2019 4:28

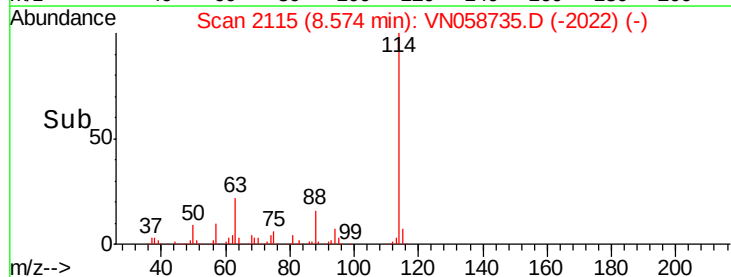
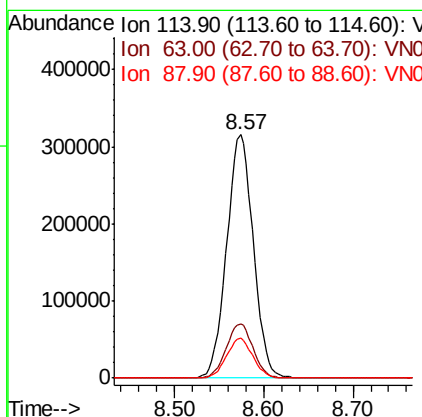
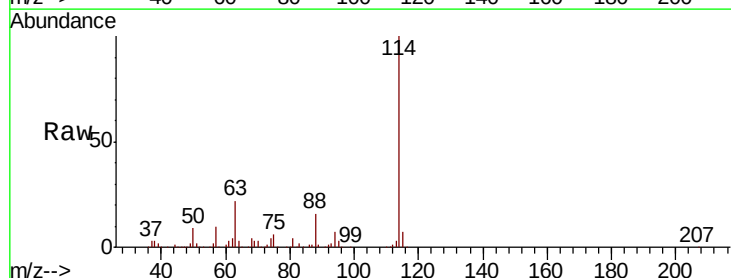
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

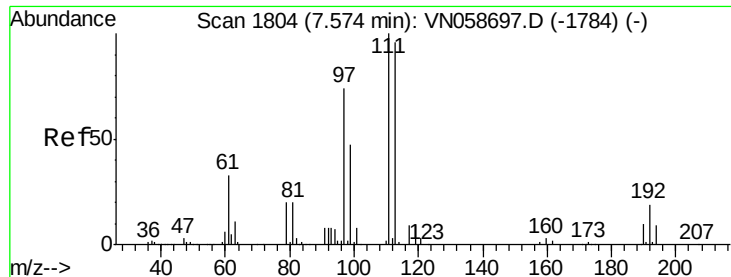
Tot Ion: 65 Resp: 295635
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058735.D
 Acq: 12 Oct 2019 4:28

Tgt Ion: 114 Resp: 652257
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.8
 88 16.2 0.0 32.0

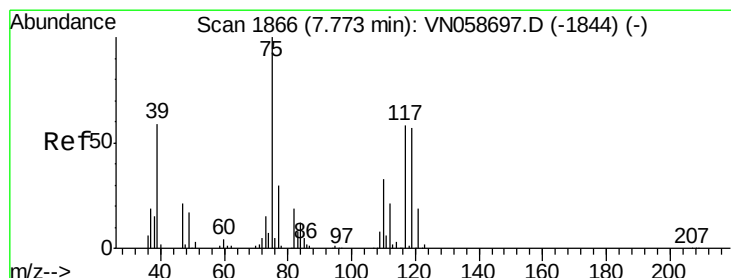
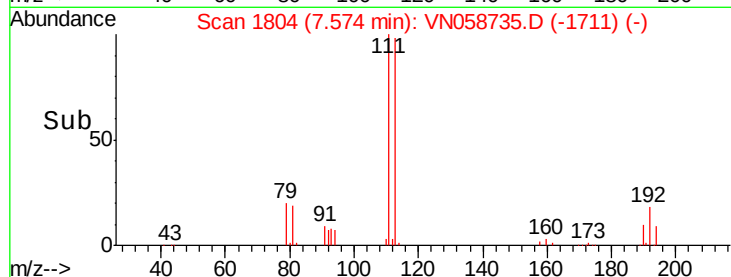
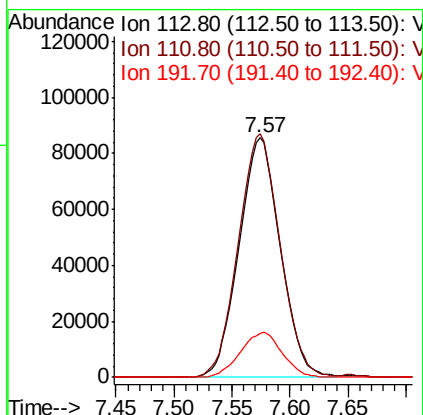
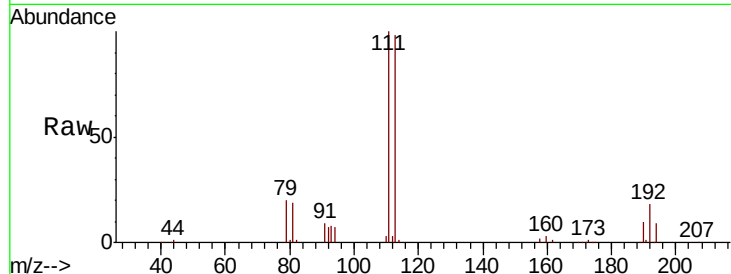




#35
 Dibromofluoromethane
 Concen: 52.581 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058735.D
 Acq: 12 Oct 2019 4:28

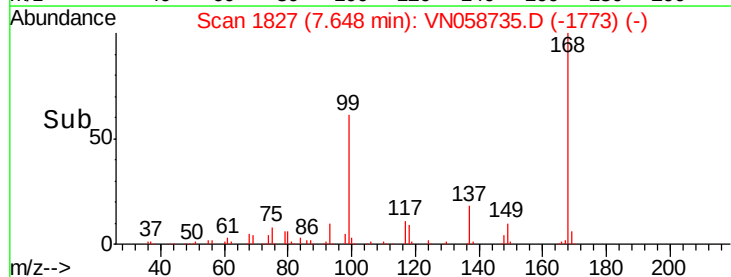
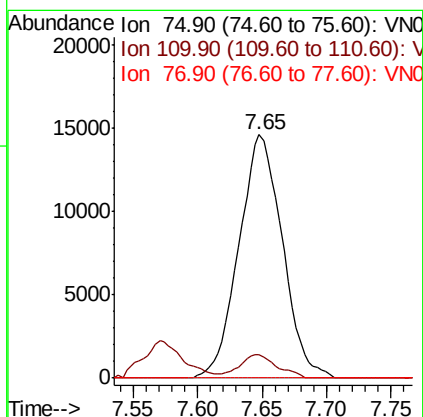
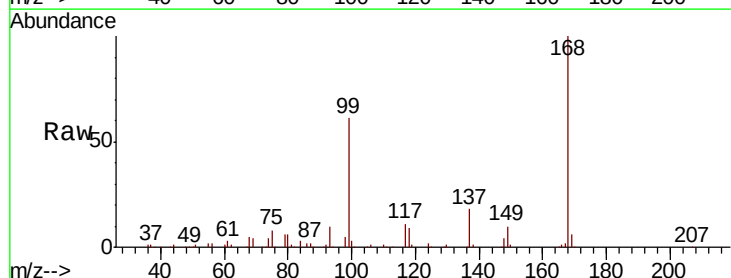
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

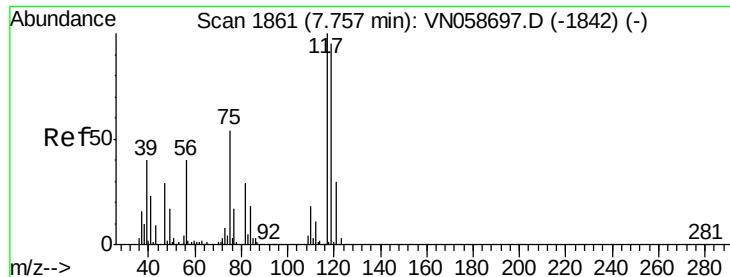
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.3	123.5
192	19.0	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 5.200 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058735.D
 Acq: 12 Oct 2019 4:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.6	49.8#
77	0.0	24.6	37.0#

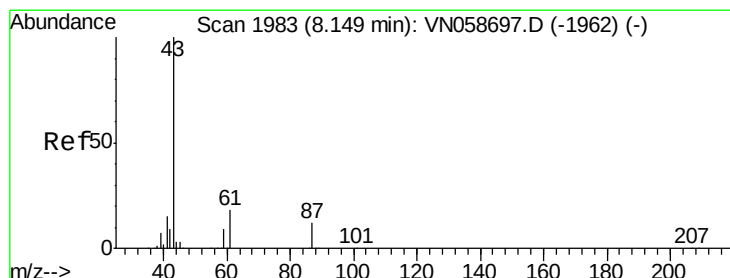
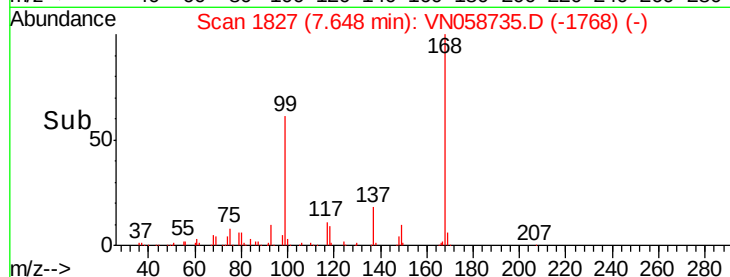
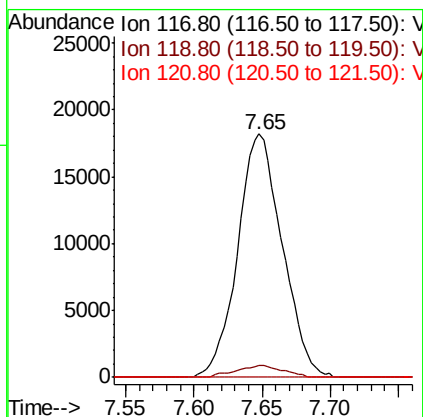
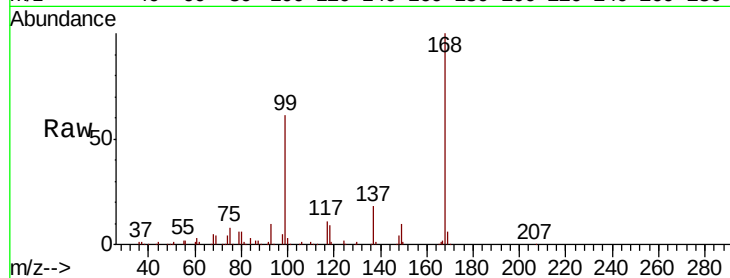




#38
Carbon Tetrachloride
Concen: 6.413 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058735.D
Acq: 12 Oct 2019 4:28

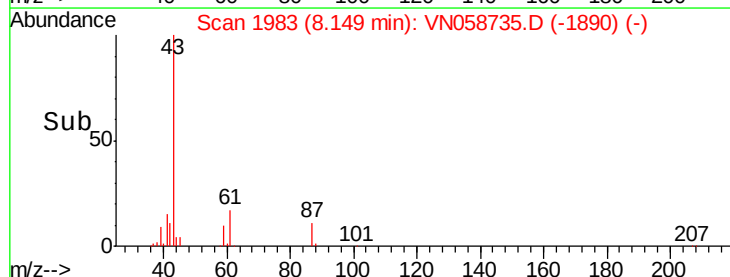
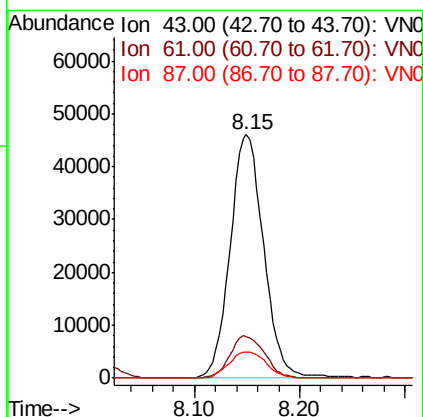
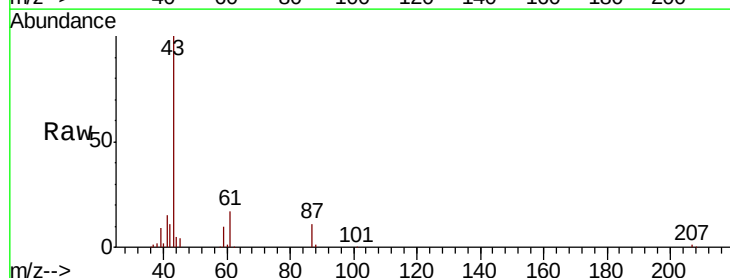
Instrument :
MSVOA_N
ClientSampleId :
TP-2

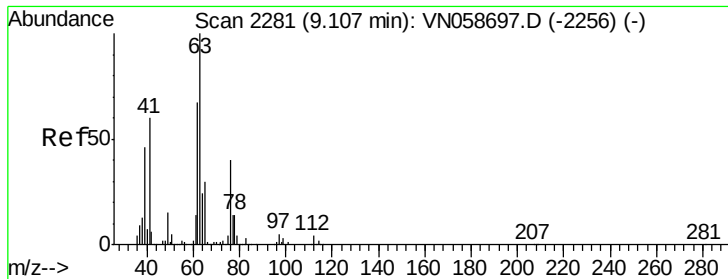
Tot Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.7	113.5#
121	0.0	23.9	35.9#



#43
Isopropyl Acetate
Concen: 8.931 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058735.D
Acq: 12 Oct 2019 4:28

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.8	20.3	30.5#
87	11.9	9.8	14.6

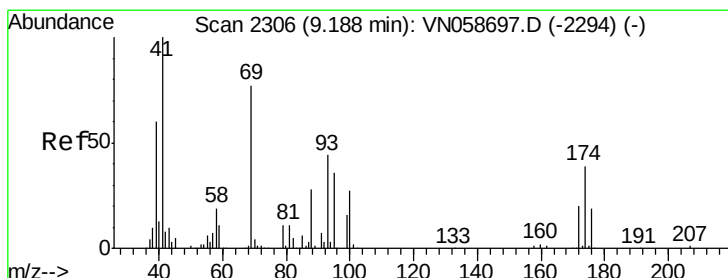
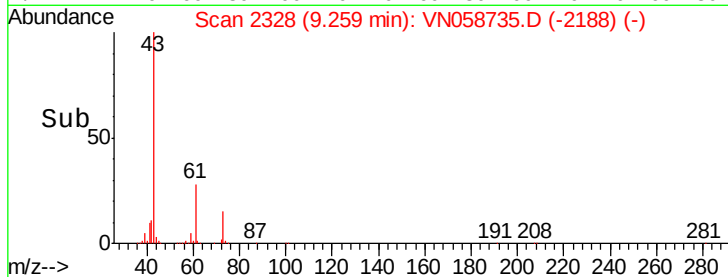
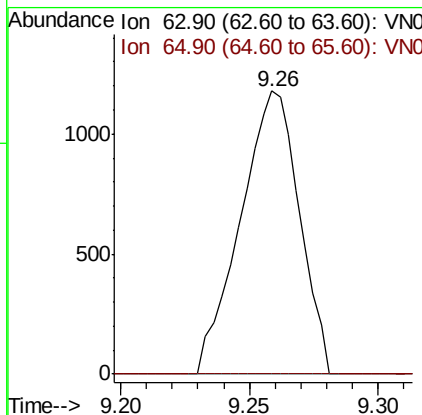
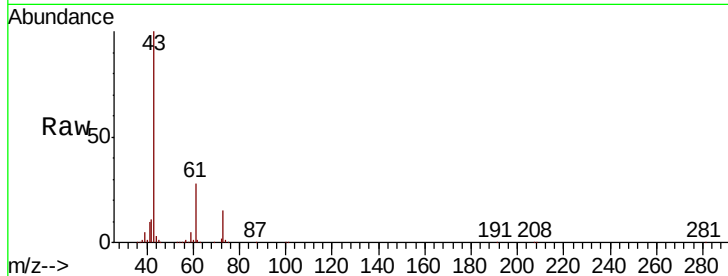




#45
 1,2-Dichloropropane
 Concen: 0.370 ug/l
 RT: 9.26 min Scan# 2328
 Delta R.T. 0.15 min
 Lab File: VN058735.D
 Acq: 12 Oct 2019 4:28

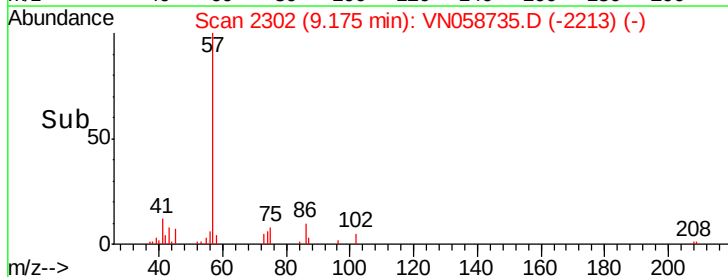
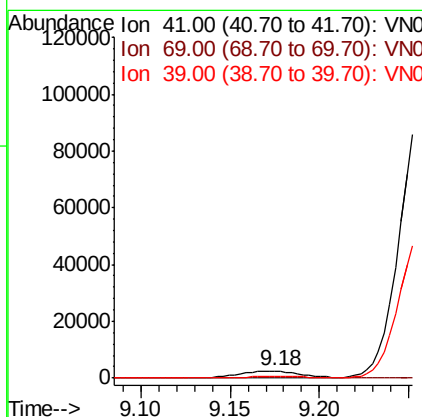
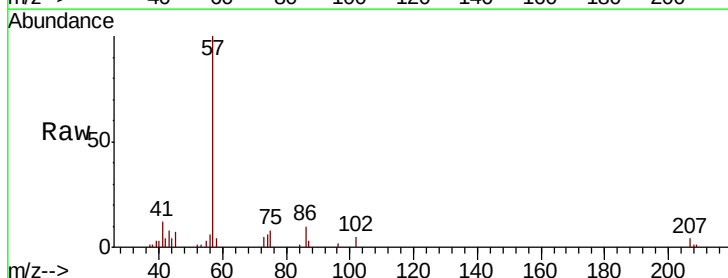
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

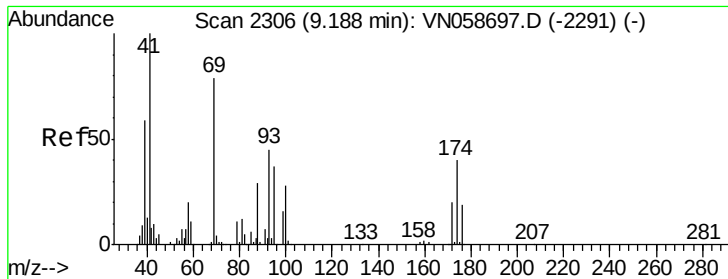
Tot Ion: 63 Resp: 1876
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.1 36.1#



#48
 Methyl methacrylate
 Concen: 1.158 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.01 min
 Lab File: VN058735.D
 Acq: 12 Oct 2019 4:28

Tgt Ion: 41 Resp: 5963
 Ion Ratio Lower Upper
 41 100
 69 0.0 63.4 95.2#
 39 0.0 48.9 73.3#





#49

1,4-Dioxane

Concen: 1.355 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.06 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

Instrument :
MSVOA_N
ClientSampled :
TP-2

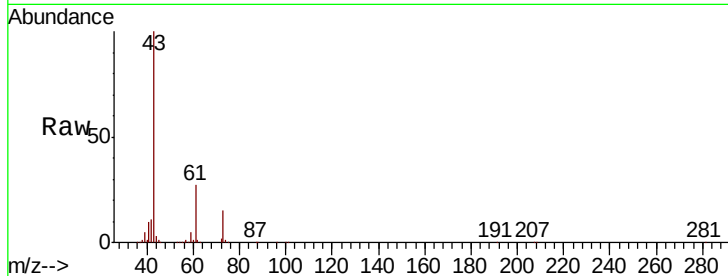
Tot Ion: 88 Resp: 108

Ion Ratio Lower Upper

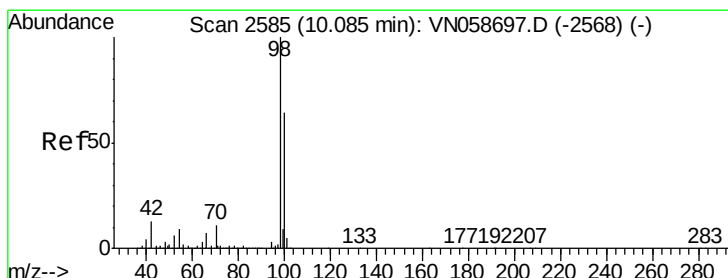
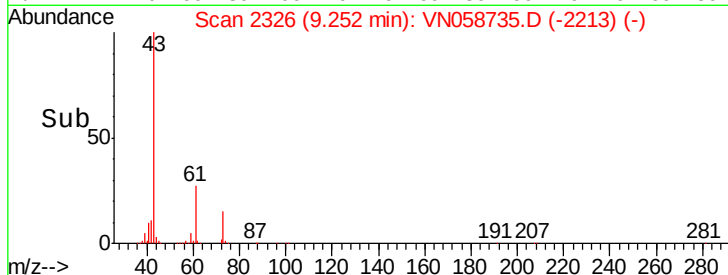
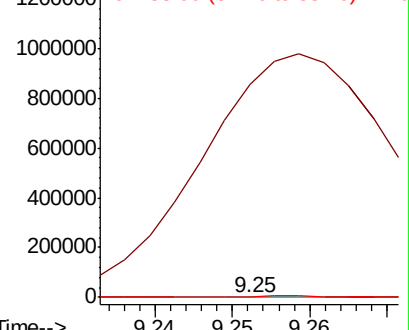
88 100

43 1665379.6 28.6 43.0#

58 7777.8 57.2 85.8#



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: 51.605 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058735.D

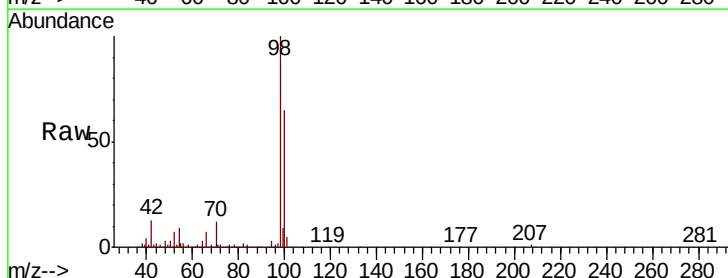
Acq: 12 Oct 2019 4:28

Tgt Ion: 98 Resp: 831404

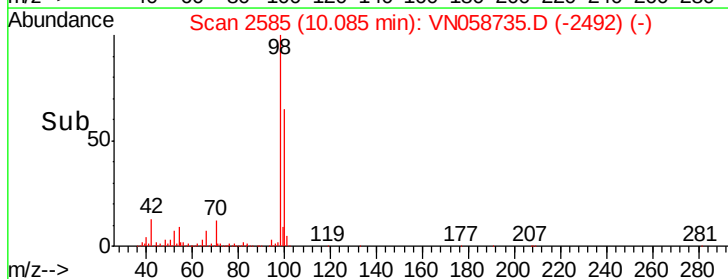
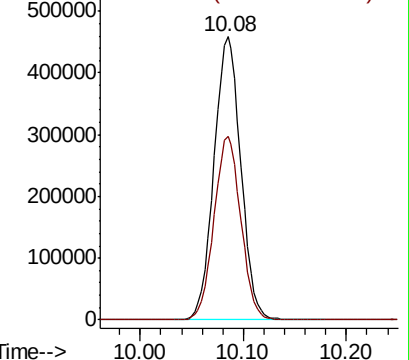
Ion Ratio Lower Upper

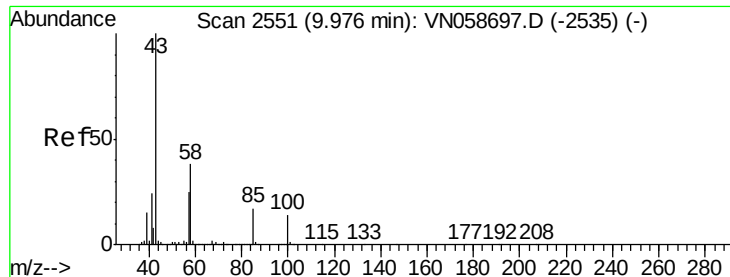
98 100

100 64.6 51.1 76.7



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: 1.080 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

Instrument :

MSVOA_N

ClientSampled :

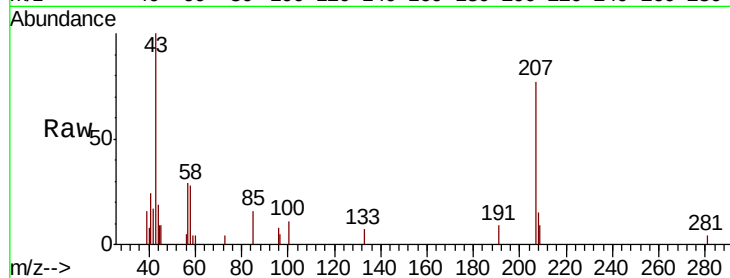
TP-2

Tot Ion: 43 Resp: 6892

Ion Ratio Lower Upper

43 100

58 33.6 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

15000

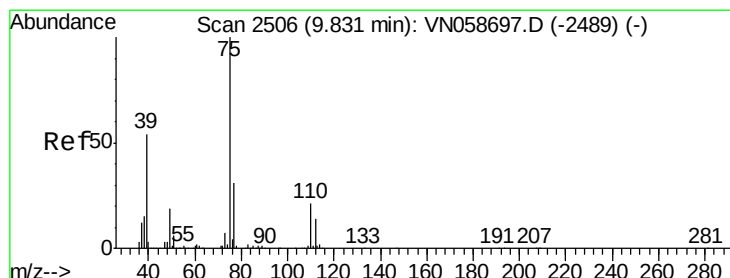
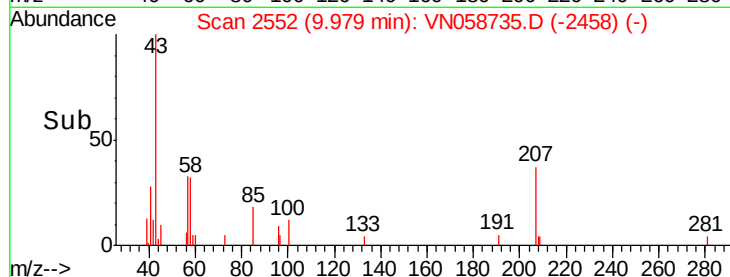
10000

5000

0

9.95 9.98 10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 4.874 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.07 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

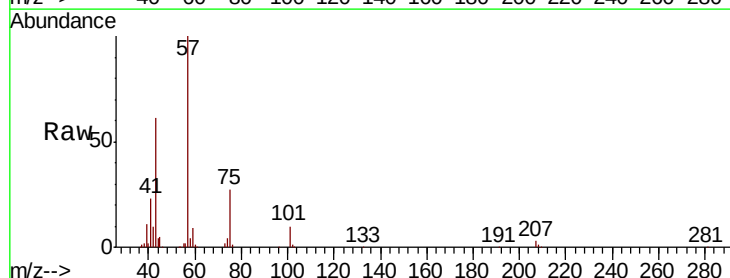
Tgt Ion: 75 Resp: 38854

Ion Ratio Lower Upper

75 100

77 0.0 24.4 36.6#

39 38.9 43.1 64.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

30000

25000

20000

15000

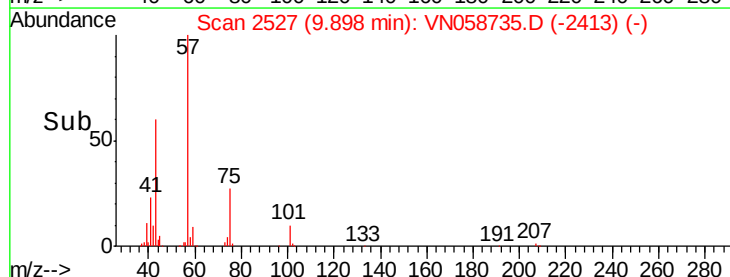
10000

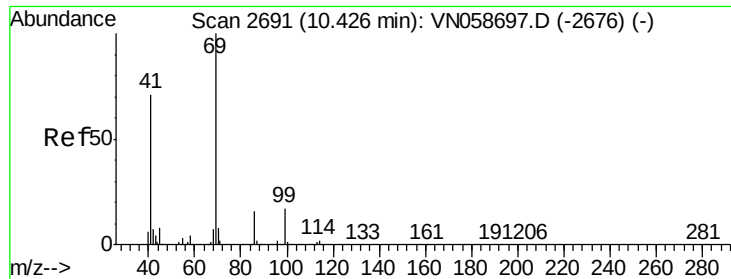
5000

0

9.85 9.90 9.95

Time-->





#56

Ethyl methacrylate

Concen: 0.253 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

Instrument :

MSVOA_N

ClientSampleId :

TP-2

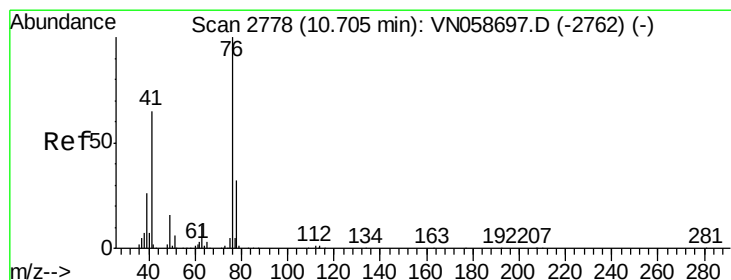
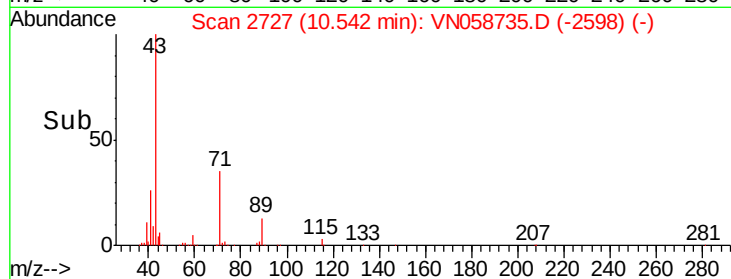
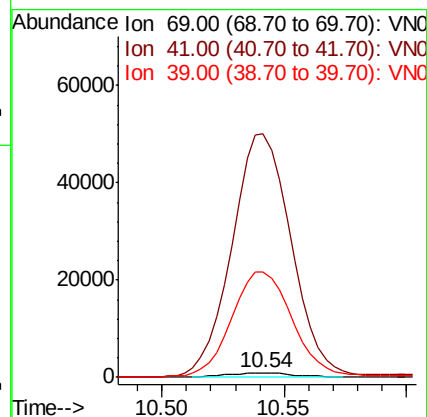
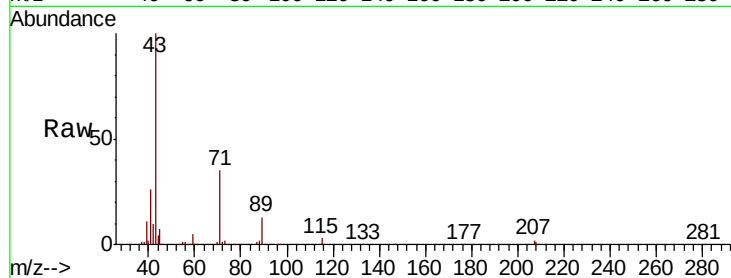
Tot Ion: 69 Resp: 1754

Ion Ratio Lower Upper

69 100

41 4860.6 56.8 85.2#

39 2164.0 32.5 48.7#



#57

1,3-Dichloropropane

Concen: 0.858 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN058735.D

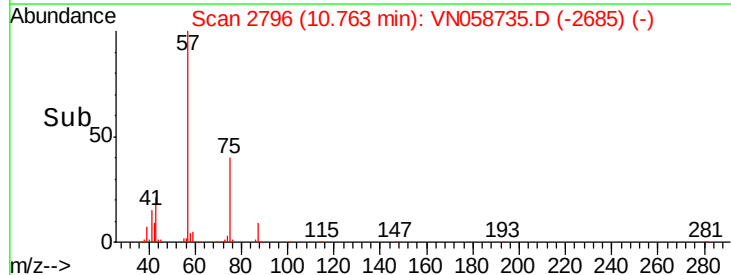
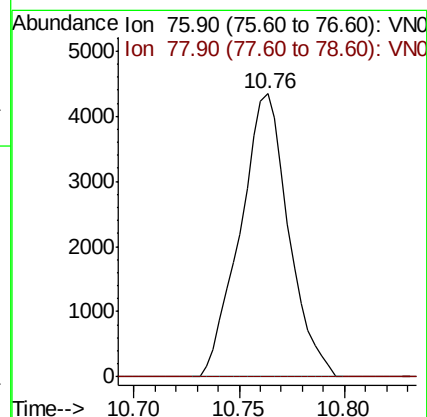
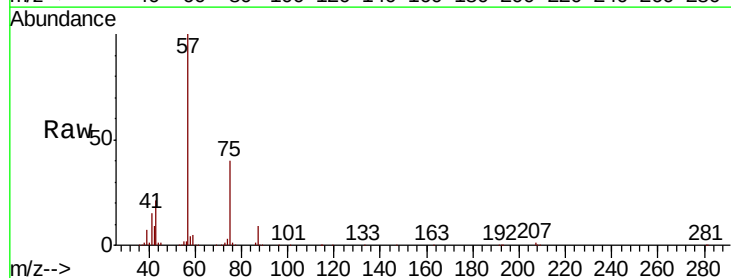
Acq: 12 Oct 2019 4:28

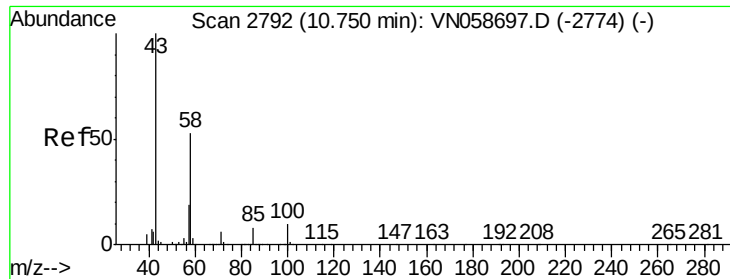
Tgt Ion: 76 Resp: 6933

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#





#59

2-Hexanone

Concen: 22.902 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

Instrument :

MSVOA_N

ClientSampled :

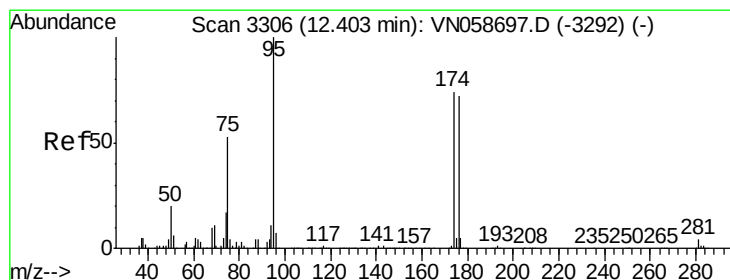
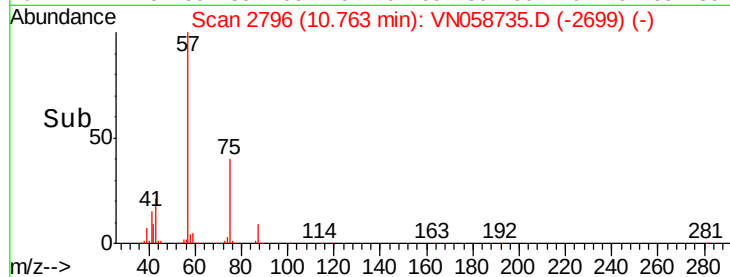
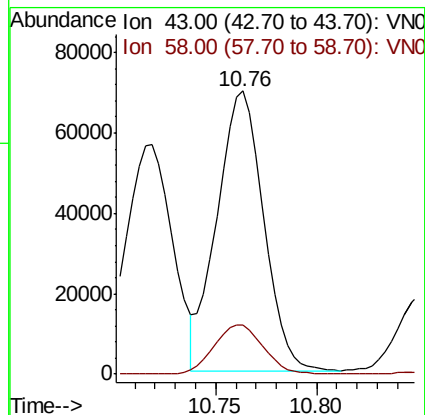
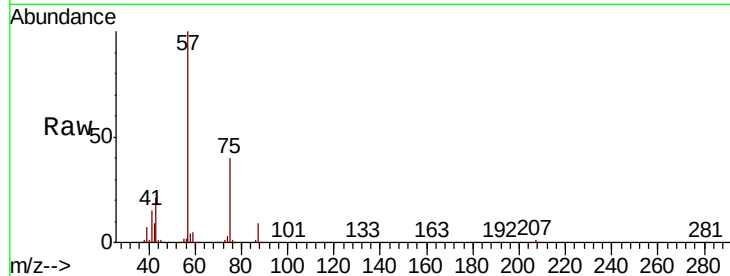
TP-2

Tot Ion: 43 Resp: 112934

Ion Ratio Lower Upper

43 100

58 18.5 26.1 78.3#



#62

4-Bromofluorobenzene

Concen: 44.852 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

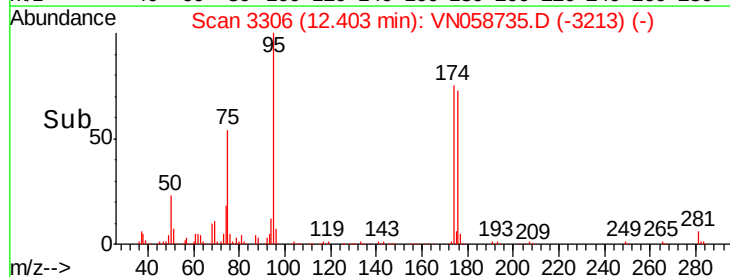
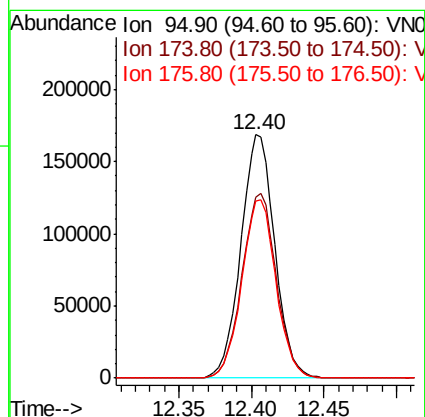
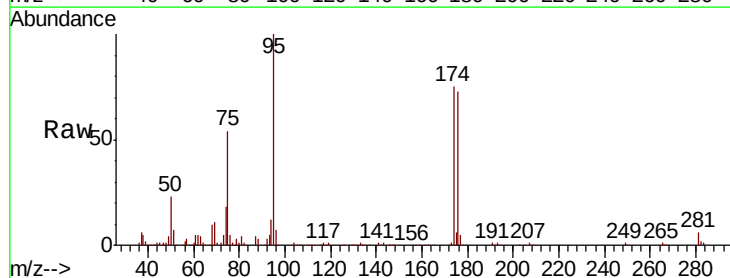
Tgt Ion: 95 Resp: 273528

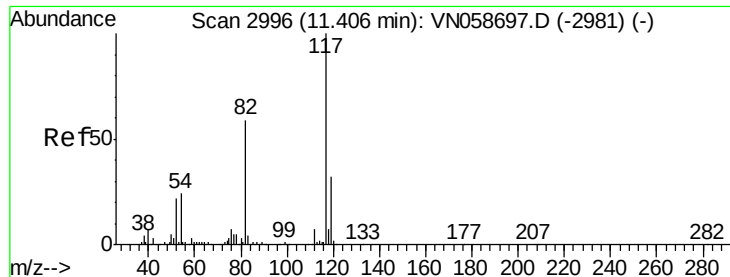
Ion Ratio Lower Upper

95 100

174 77.2 0.0 150.4

176 74.0 0.0 146.8

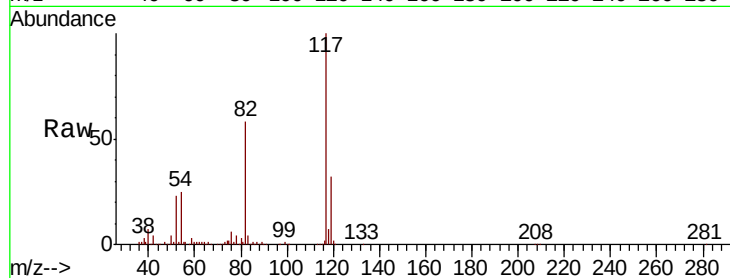




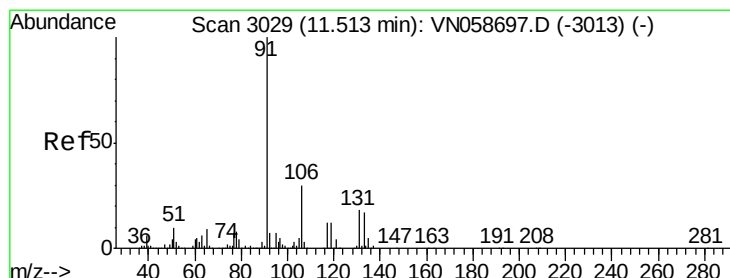
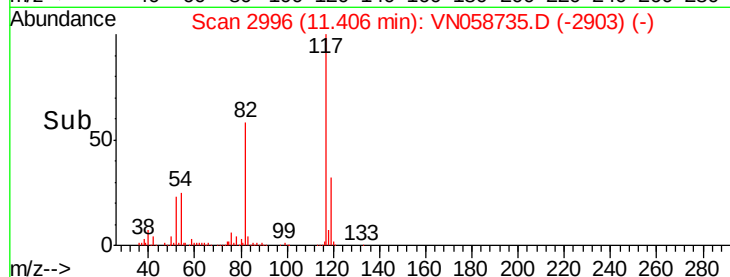
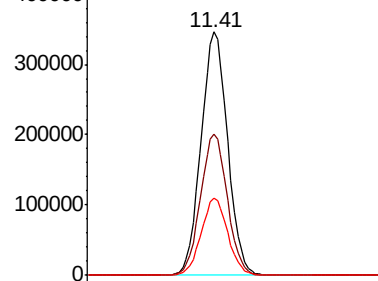
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058735.D
Acq: 12 Oct 2019 4:28

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion:117 Resp: 595040
Ion Ratio Lower Upper
117 100
82 58.2 47.0 70.4
119 31.9 25.4 38.2

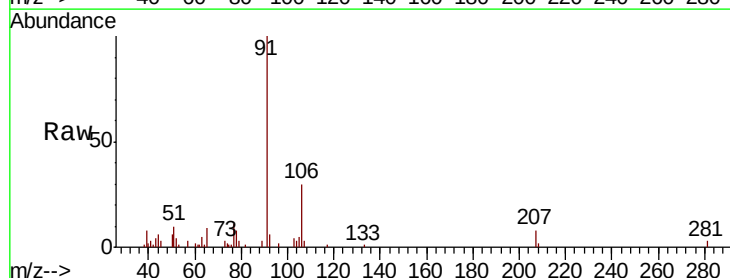


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

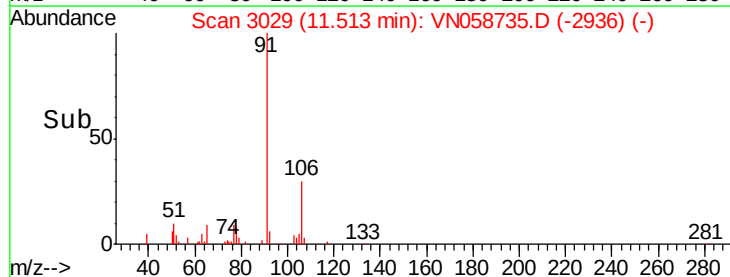
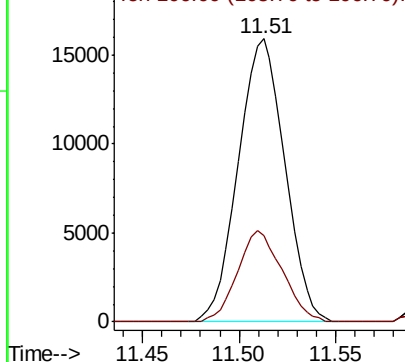


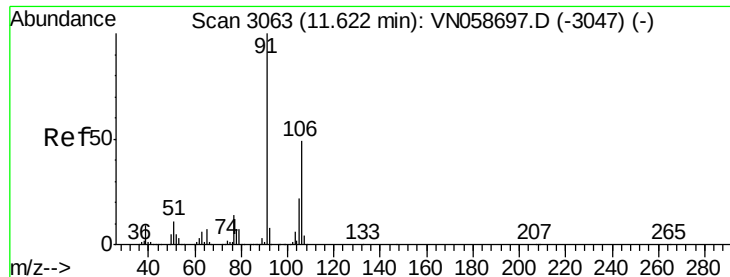
#67
Ethyl Benzene
Concen: 1.237 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058735.D
Acq: 12 Oct 2019 4:28

Tgt Ion: 91 Resp: 26649
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

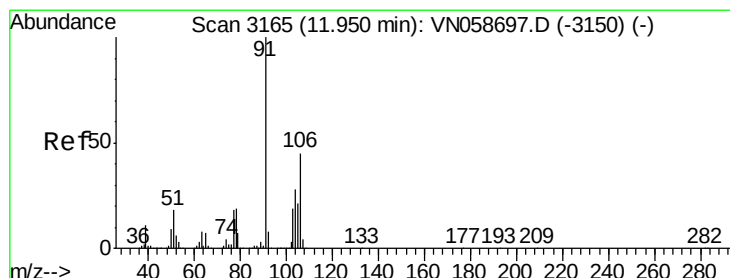
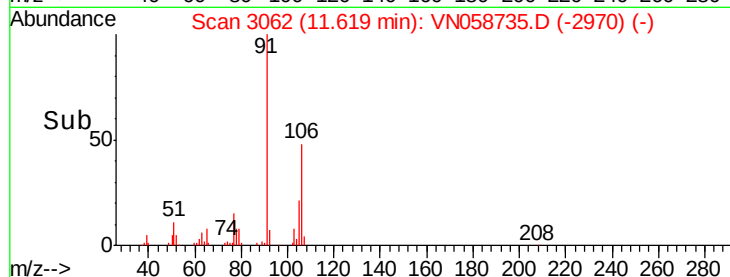
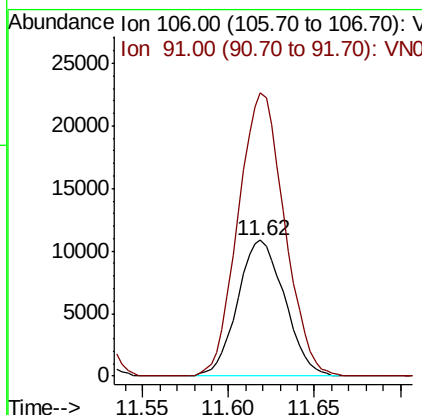
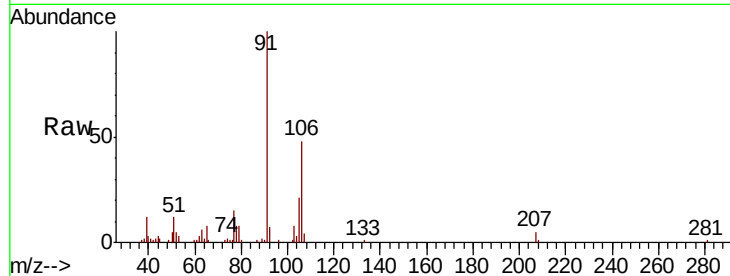




#68
m/p-Xylenes
Concen: 2.550 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058735.D
Acq: 12 Oct 2019 4:28

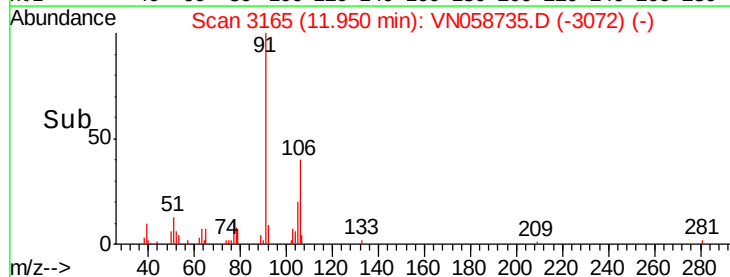
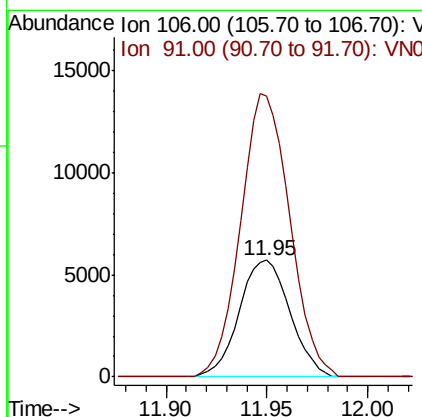
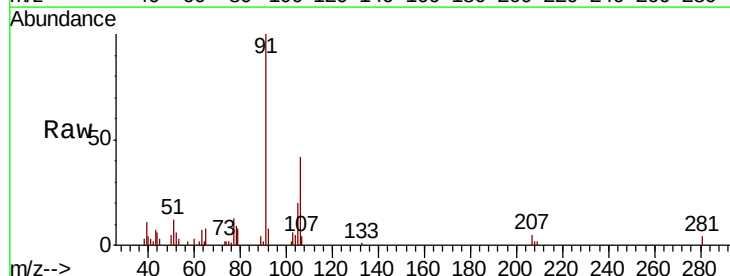
Instrument :
MSVOA_N
ClientSampleId :
TP-2

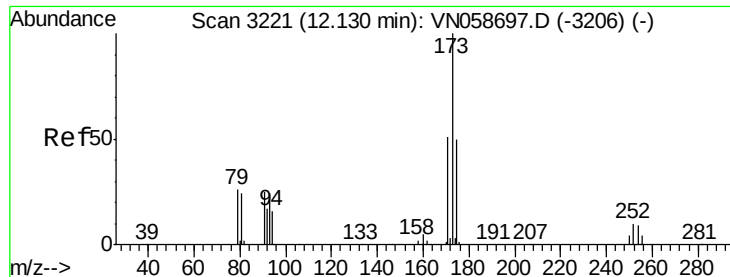
Tot Ion:106 Resp: 20614
Ion Ratio Lower Upper
106 100
91 205.5 165.7 248.5



#69
o-Xylene
Concen: 1.291 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058735.D
Acq: 12 Oct 2019 4:28

Tgt Ion:106 Resp: 10099
Ion Ratio Lower Upper
106 100
91 233.9 110.9 332.9





#71

Bromoform

Concen: 0.513 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

Instrument :

MSVOA_N

ClientSampleId :

TP-2

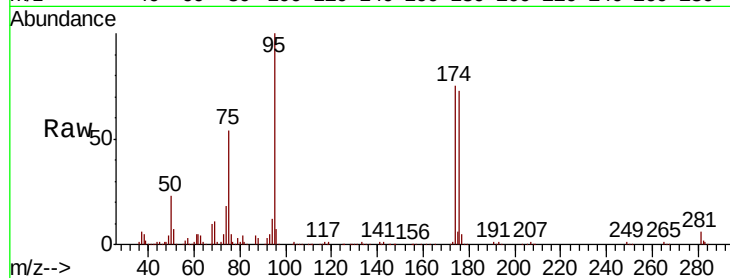
Tot Ion:173 Resp: 1681

Ion Ratio Lower Upper

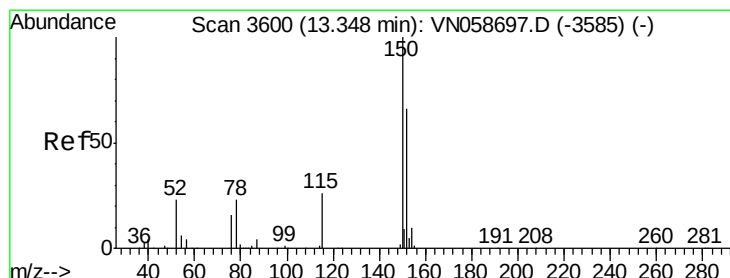
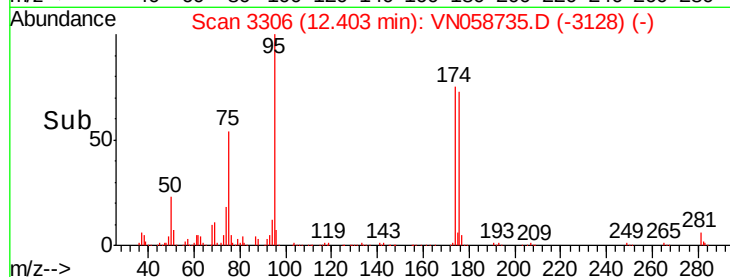
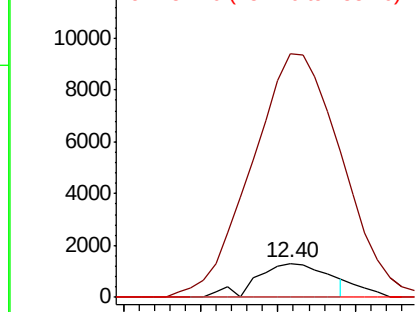
173 100

175 798.0 24.6 73.8#

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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

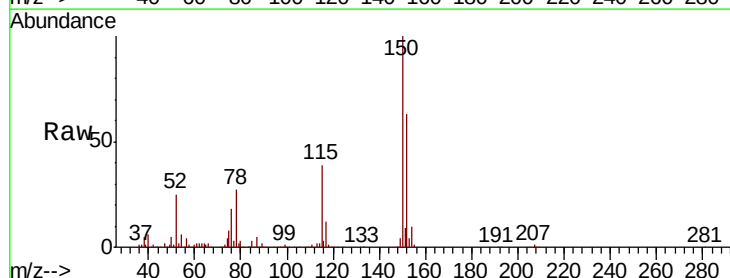
Tgt Ion:152 Resp: 240643

Ion Ratio Lower Upper

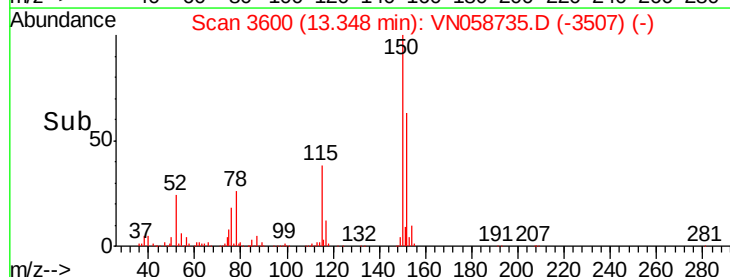
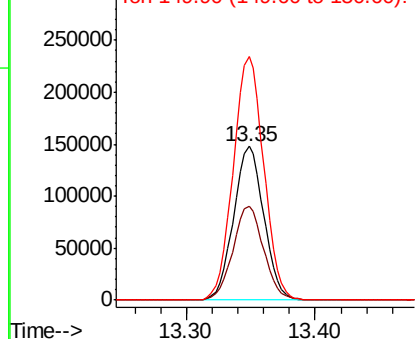
152 100

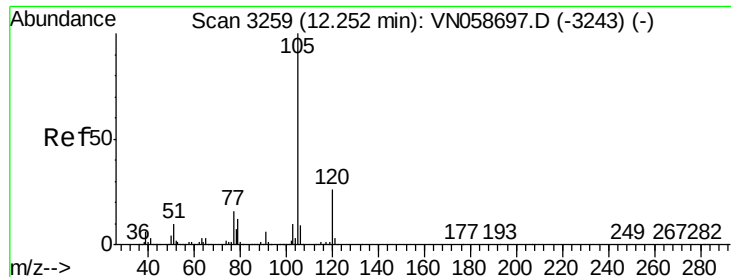
115 62.2 30.4 91.2

150 159.8 0.0 345.4



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





#73

Isopropylbenzene

Concen: 0.310 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

Instrument :

MSVOA_N

ClientSampleId :

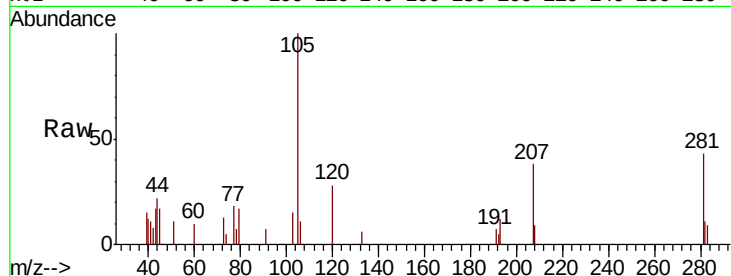
TP-2

Tot Ion: 105 Resp: 5402

Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

3000

2000

1000

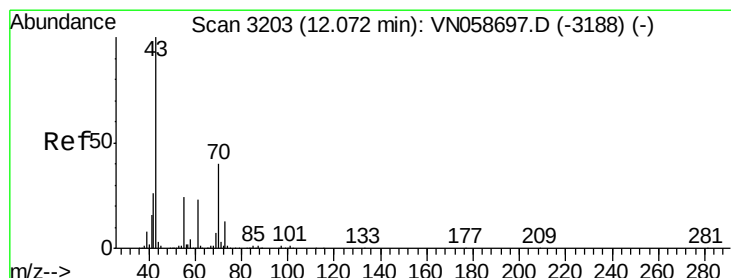
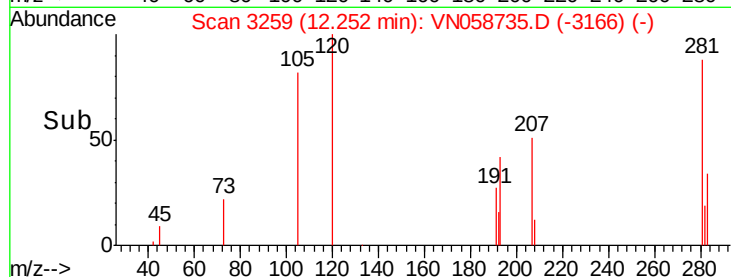
0

Time-->

12.20

12.25

12.30



#74

N-ethyl acetate

Concen: 0.467 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

Tgt Ion: 43 Resp: 3658

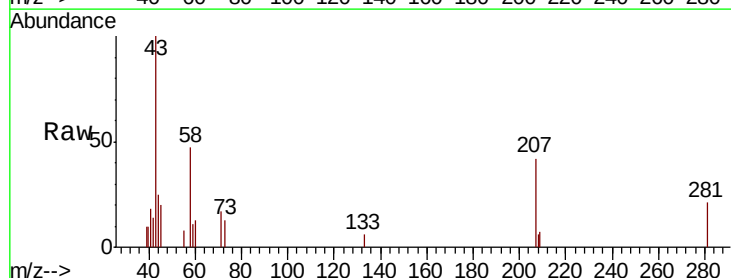
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.4#

55 8.1 19.6 29.4#

61 0.0 18.6 28.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

4000

3000

2000

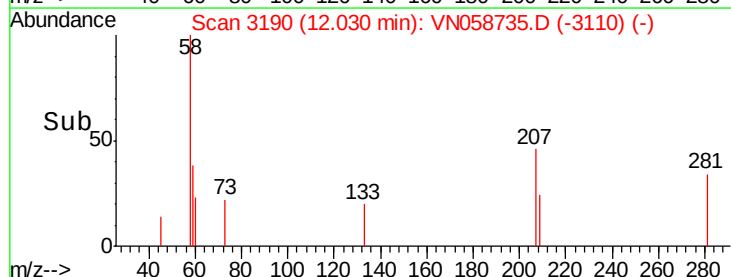
1000

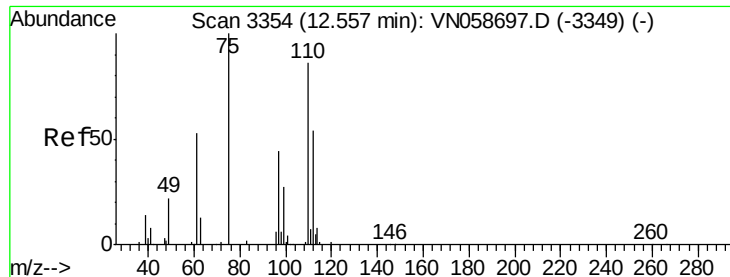
0

Time-->

12.00

12.05

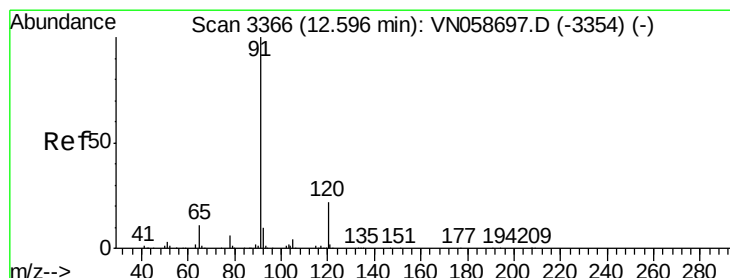
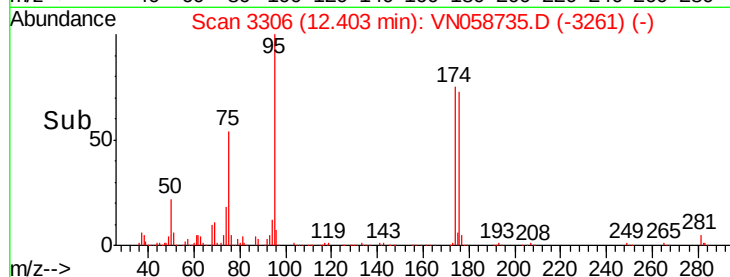
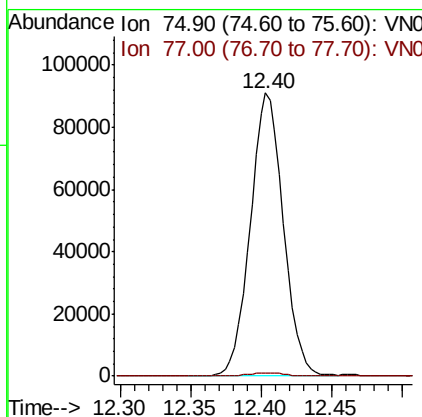
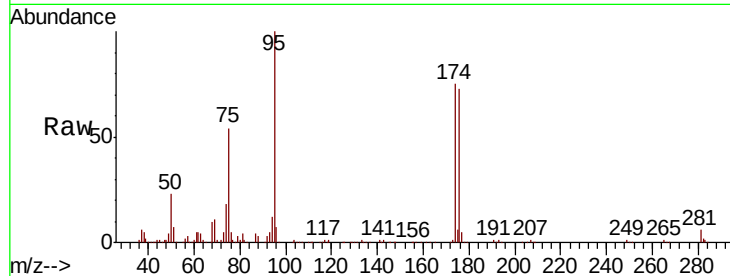




#76
 1,2,3-Trichloropropane
 Concen: 28.218 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN058735.D
 Acq: 12 Oct 2019 4:28

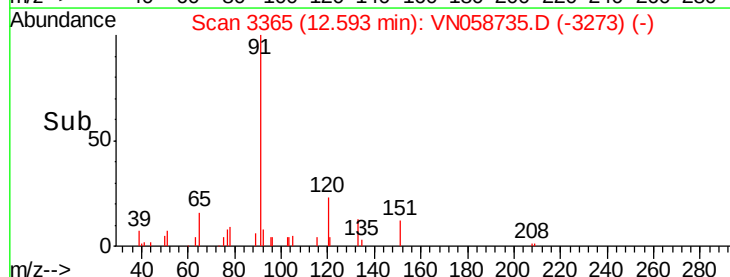
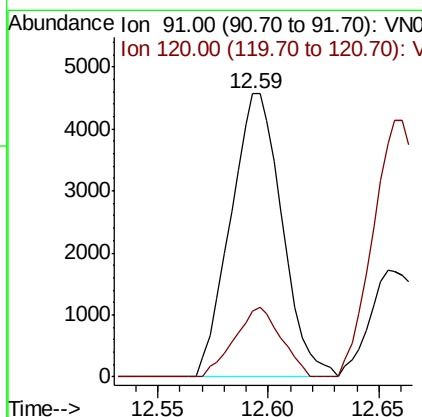
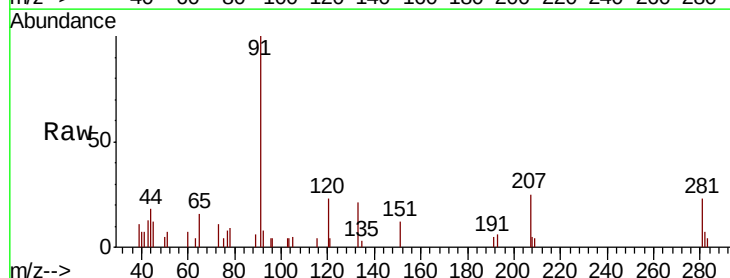
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

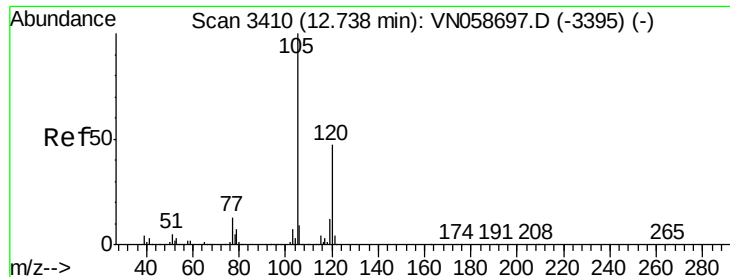
Tot Ion: 75 Resp: 148965
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.364 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. -0.00 min
 Lab File: VN058735.D
 Acq: 12 Oct 2019 4:28

Tgt Ion: 91 Resp: 7385
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.1 33.3





#80

1,3,5-Trimethylbenzene

Concen: 1.322 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

Instrument :

MSVOA_N

ClientSampled :

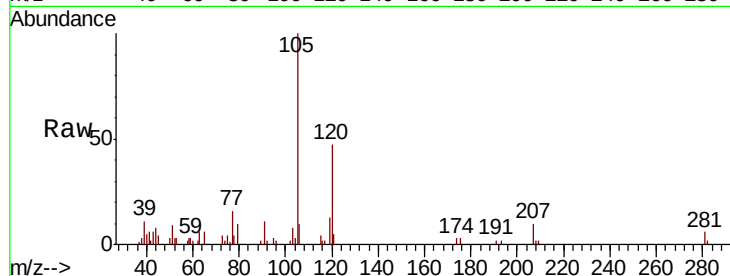
TP-2

Tot Ion:105 Resp: 19674

Ion Ratio Lower Upper

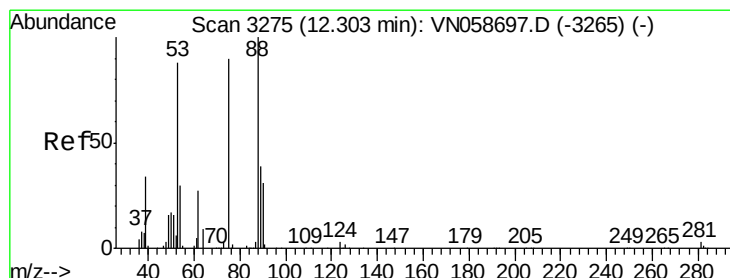
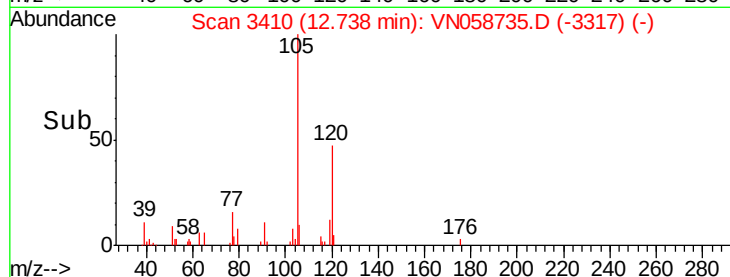
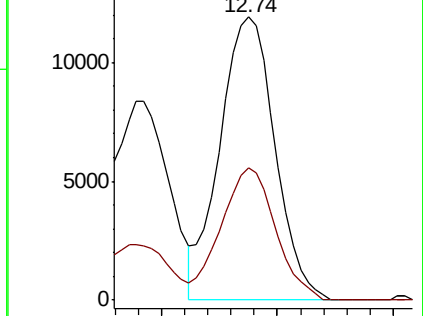
105 100

120 46.1 23.4 70.2



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: 75.586 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

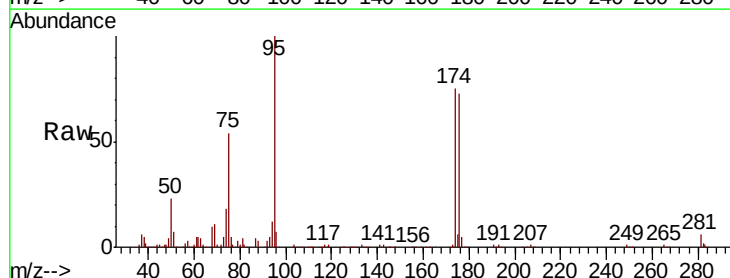
Tgt Ion: 75 Resp: 148965

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

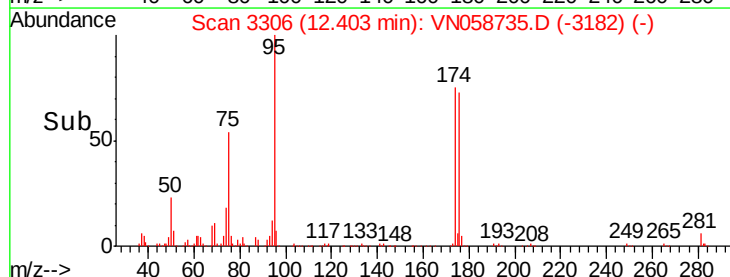
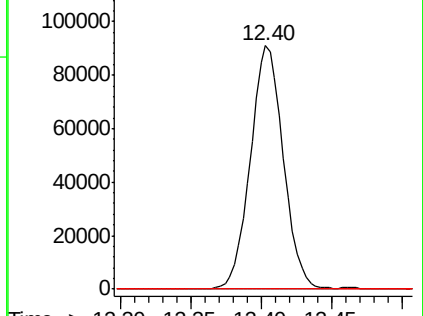
89 0.0 34.9 52.3#

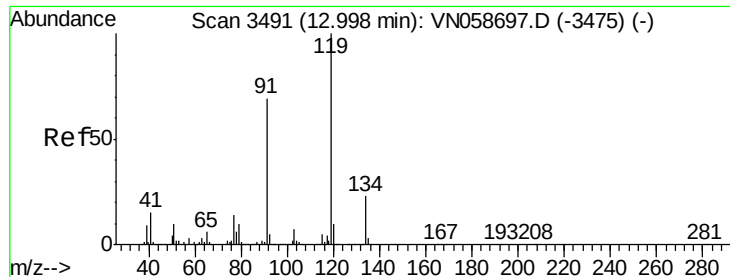


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#83

tert-Butylbenzene

Concen: 0.757 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.05 min

Lab File: VN058735.D

Acq: 12 Oct 2019 4:28

Instrument :

MSVOA_N

ClientSampleId :

TP-2

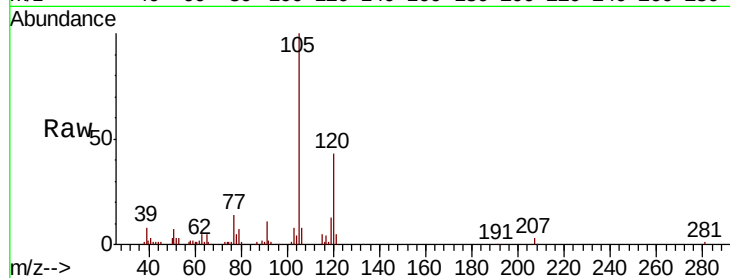
Tot Ion:119 Resp: 9650

Ion Ratio Lower Upper

119 100

91 93.3 33.8 101.3

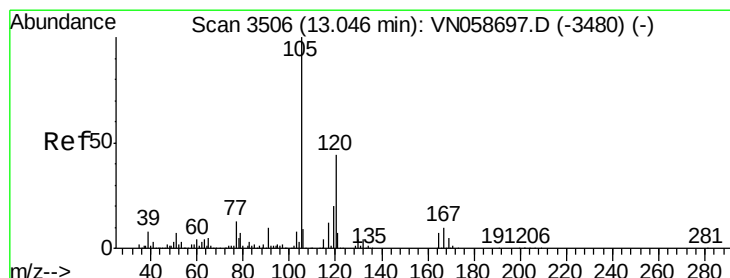
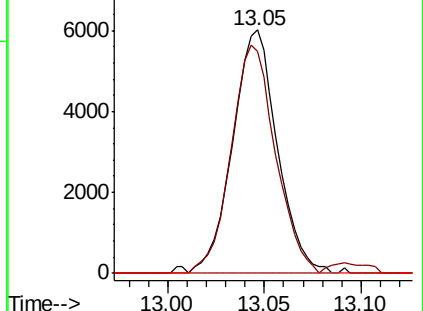
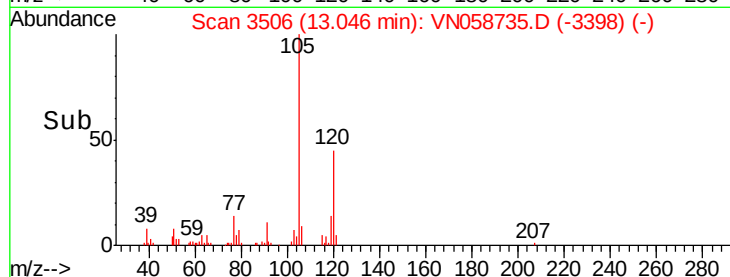
134 0.0 12.6 37.6#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.198 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. -0.00 min

Lab File: VN058735.D

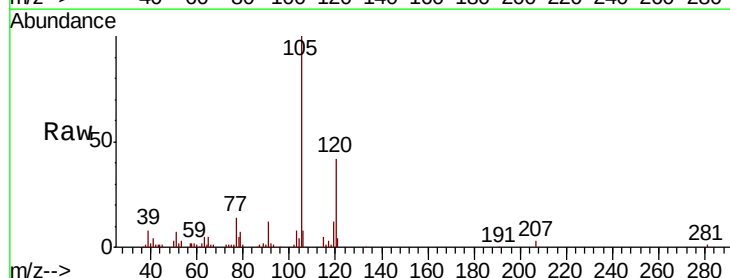
Acq: 12 Oct 2019 4:28

Tgt Ion:105 Resp: 76782

Ion Ratio Lower Upper

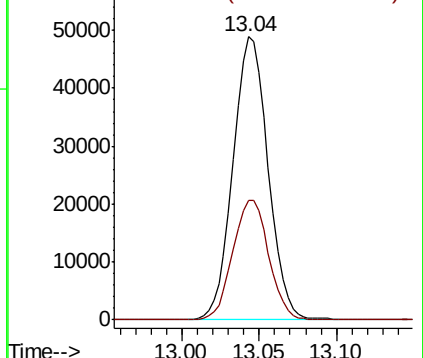
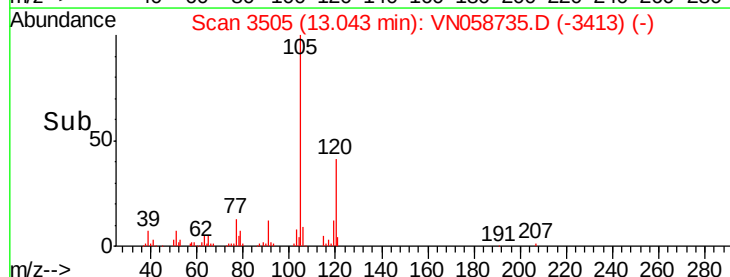
105 100

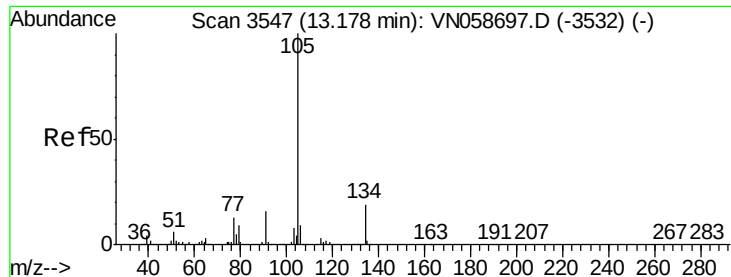
120 43.2 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

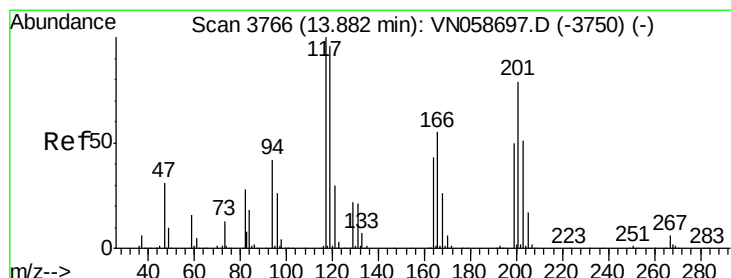
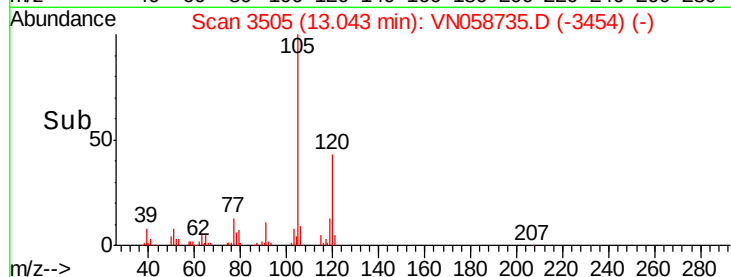
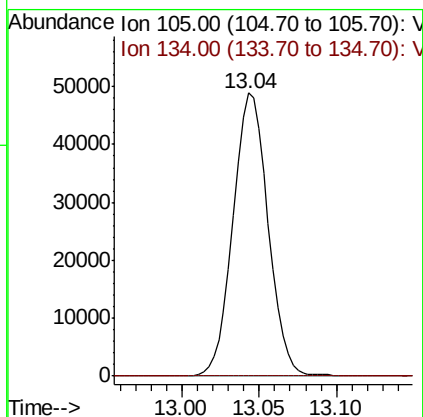
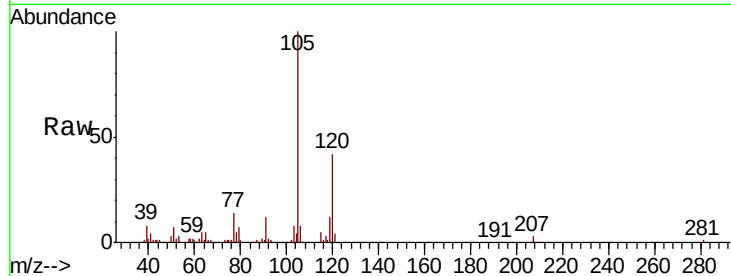




#85
 sec-Butylbenzene
 Concen: 4.572 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. -0.14 min
 Lab File: VN058735.D
 Acq: 12 Oct 2019 4:28

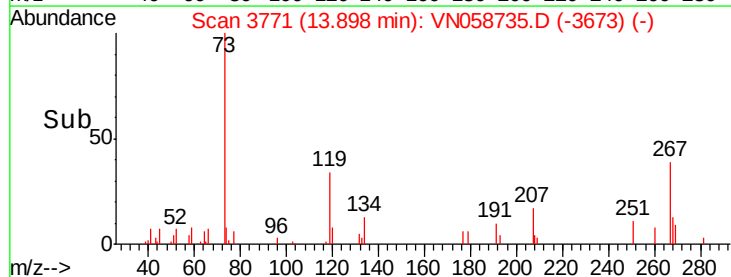
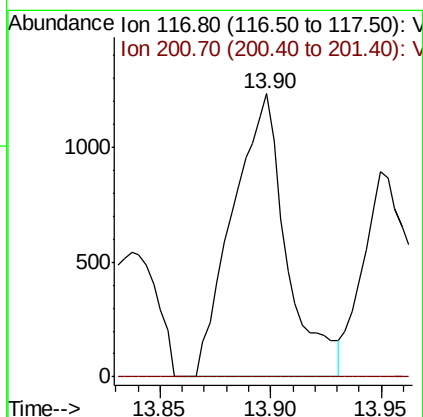
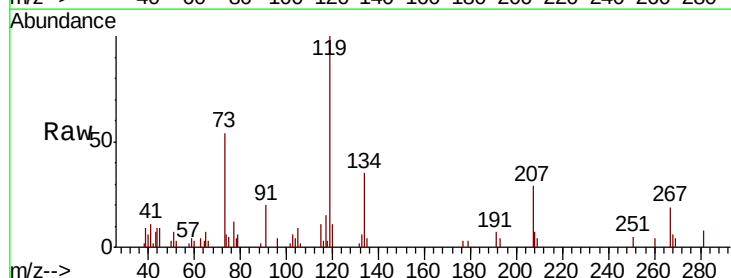
Instrument :
 MSVOA_N
 ClientSampled :
 TP-2

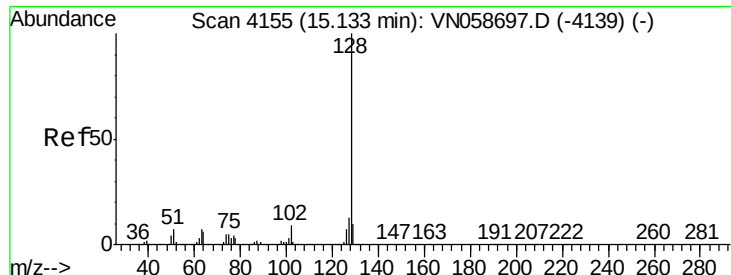
Tot Ion:105 Resp: 76782
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#



#90
 Hexachloroethane
 Concen: 0.768 ug/l
 RT: 13.90 min Scan# 3771
 Delta R.T. 0.02 min
 Lab File: VN058735.D
 Acq: 12 Oct 2019 4:28

Tgt Ion:117 Resp: 2097
 Ion Ratio Lower Upper
 117 100
 201 0.0 39.6 118.7#

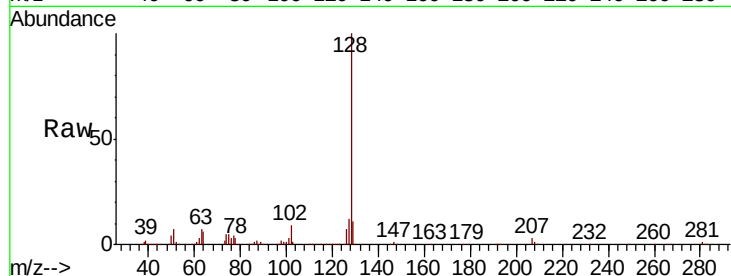




#95
Naphthalene
Concen: 26.356 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058735.D
Acq: 12 Oct 2019 4:28

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	10.8	8.5	12.7



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

