

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058229.D
 Acq On : 20 Sep 2019 00:47
 Operator : JC/SP
 Sample : K4974-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20190916

Quant Time: Sep 20 04:28:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	516502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	838992	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	718918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296625	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	366181	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
35) Dibromofluoromethane	7.58	113	253004	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.08	98	1056176	53.15	ug/l	0.00
Spiked Amount			Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.40	95	339031	45.93	ug/l	0.00
Spiked Amount			Recovery	=	91.86%	

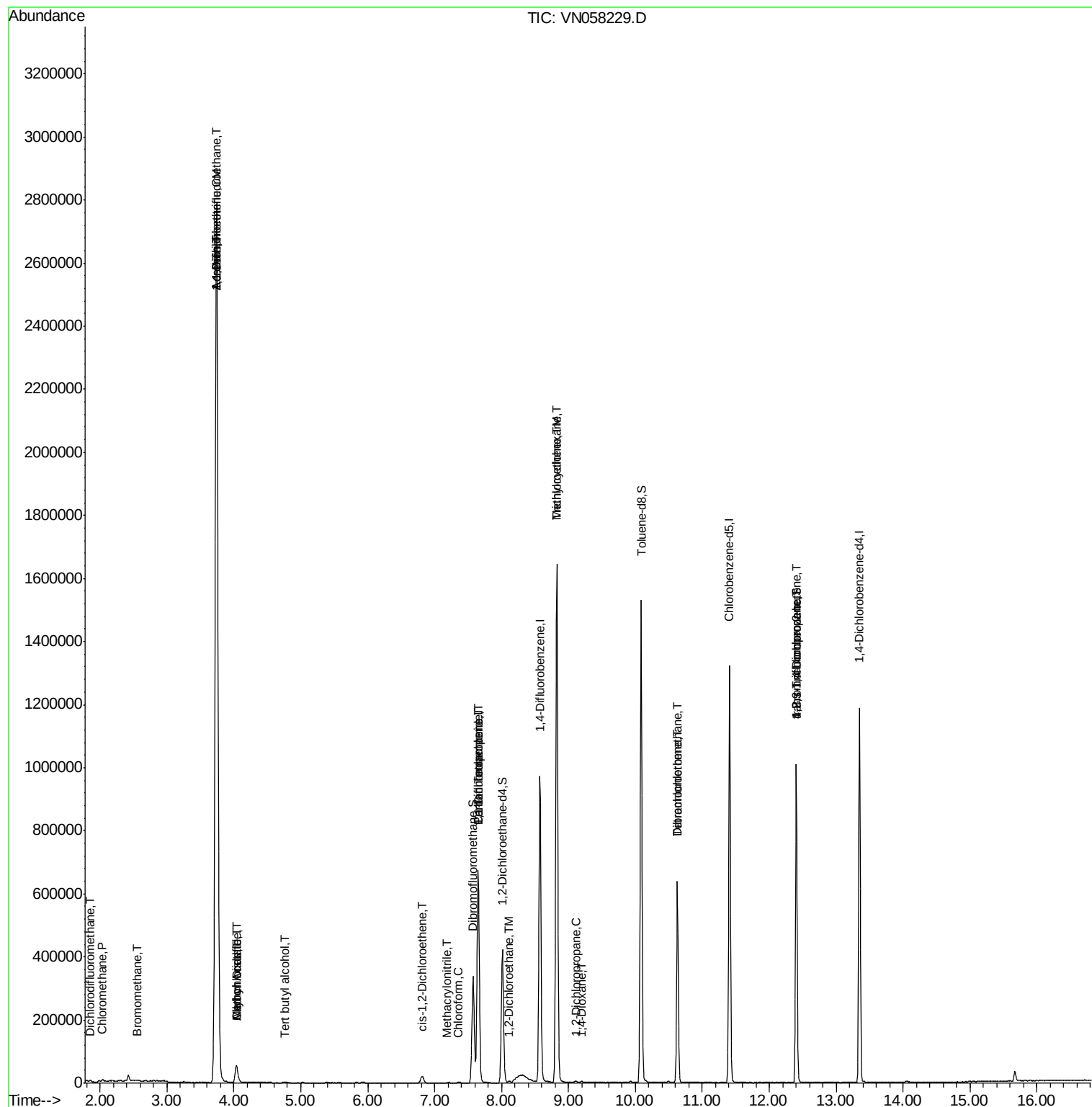
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	1119	0.264	ug/l	89
3) Chloromethane	2.04	50	4489	0.346	ug/l	90
4) Vinyl Chloride	2.30	62	32	Below Cal	#	43
5) Bromomethane	2.55	94	377	0.919	ug/l #	62
6) Chloroethane	2.68	64	289	Below Cal	#	44
9) 1,1,2-Trichlorotrifluoroet	3.74	101	1723206	412.690	ug/l	99
11) Tert butyl alcohol	4.76	59	3564	4.165	ug/l #	77
12) 1,1-Dichloroethene	3.74	96	7864	2.141	ug/l #	38
13) Acrolein	3.73	56	151	1.191	ug/l #	15
14) Allyl chloride	4.03	41	7033	1.029	ug/l #	65
16) Acetone	3.74	43	25747	10.544	ug/l #	72
17) Carbon Disulfide	4.03	76	528	0.389	ug/l #	74
18) Methyl Acetate	4.04	43	23179	3.607	ug/l #	53
21) trans-1,2-Dichloroethene	5.01	96	357	Below Cal		91
27) cis-1,2-Dichloroethene	6.82	96	12825	2.449	ug/l	89
30) Chloroform	7.35	83	2812	0.282	ug/l #	83
31) Cyclohexane	7.65	56	13678	Below Cal	#	15
36) 1,1-Dichloropropene	7.65	75	43200	7.140	ug/l #	50
38) Carbon Tetrachloride	7.65	117	52439	8.622	ug/l #	15
39) Methylcyclohexane	8.82	83	8225	1.475	ug/l #	1
41) Methacrylonitrile	7.18	41	68	0.932	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	2493	0.321	ug/l	81
44) Trichloroethene	8.82	130	577014	127.594	ug/l	97
45) 1,2-Dichloropropane	9.11	63	2219	0.402	ug/l	97
49) 1,4-Dioxane	9.19	88	2028	23.199	ug/l #	79
60) Dibromochloromethane	10.63	129	129075	26.104	ug/l #	11
64) Tetrachloroethene	10.63	164	140016	39.953	ug/l	99
76) 1,2,3-Trichloropropane	12.40	75	183424	34.552	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	183424	96.728	ug/l #	5

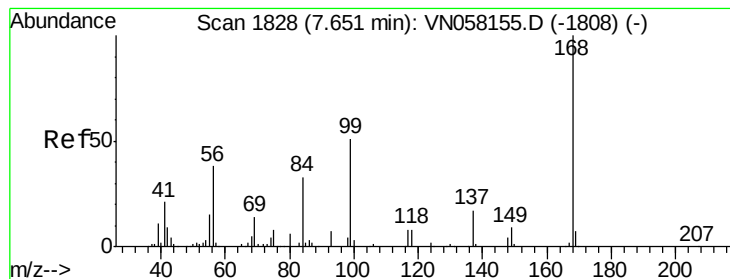
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091919\
Data File : VN058229.D
Acq On : 20 Sep 2019 00:47
Operator : JC/SP
Sample : K4974-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20190916

Quant Time: Sep 20 04:28:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

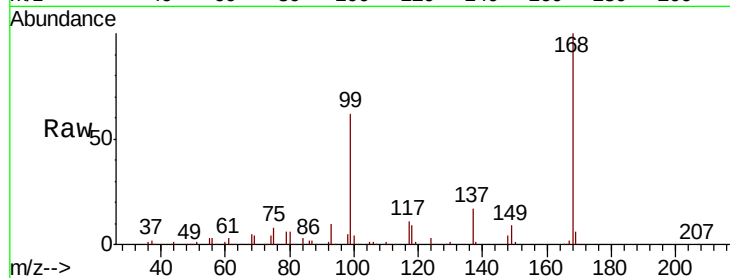
RE134D3-20190916

Tot Ion:168 Resp: 516502

Ion Ratio Lower Upper

168 100

99 61.9 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

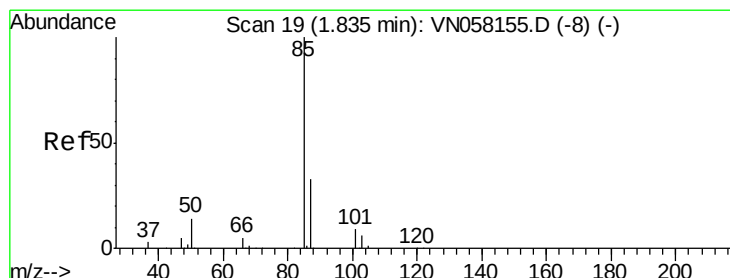
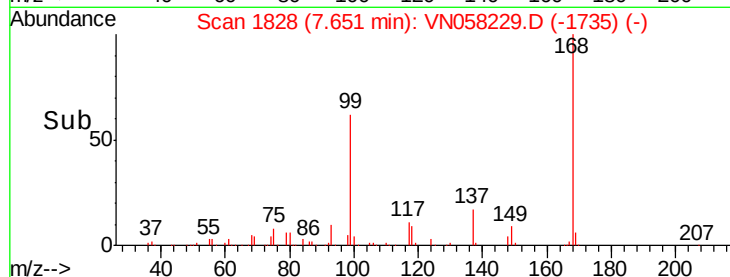
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 0.264 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN058229.D

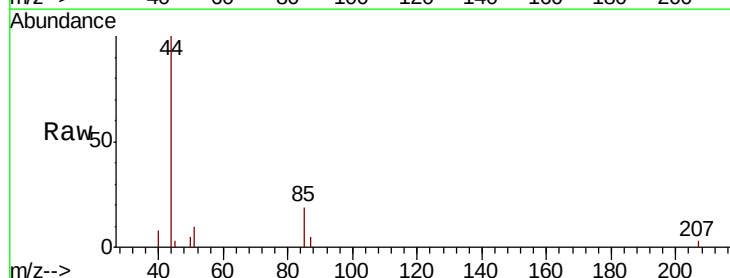
Acq: 20 Sep 2019 00:47

Tgt Ion: 85 Resp: 1119

Ion Ratio Lower Upper

85 100

87 26.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

1000

800

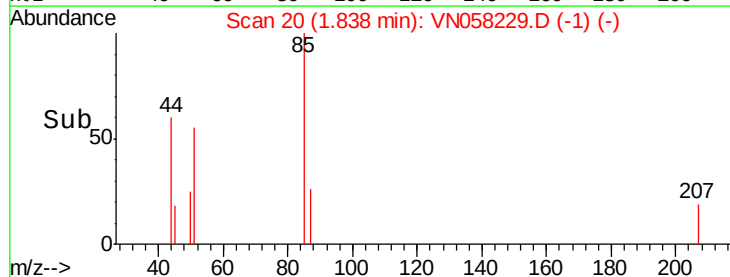
600

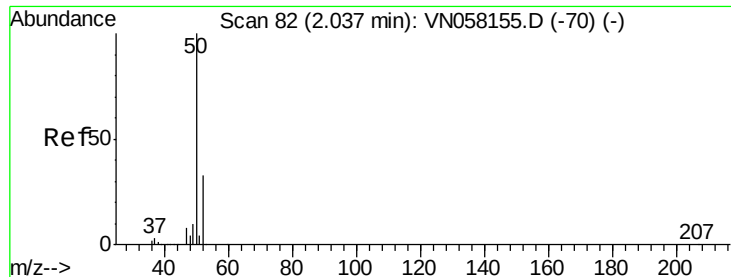
400

200

0

Time--> 1.80 1.82 1.84 1.86 1.88





#3

Chloromethane

Concen: 0.346 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

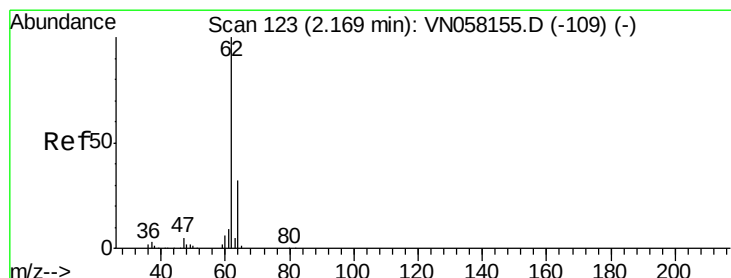
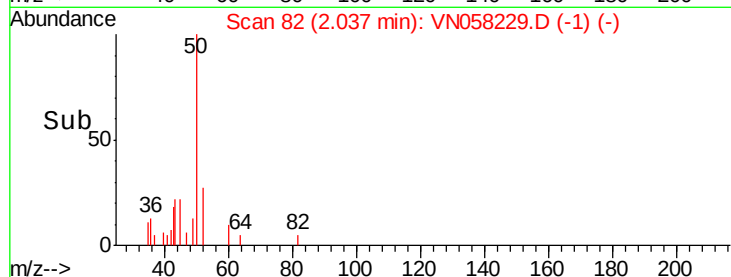
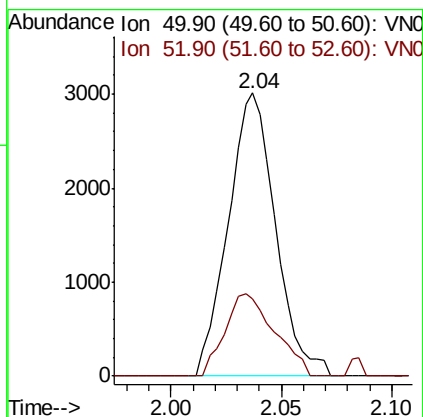
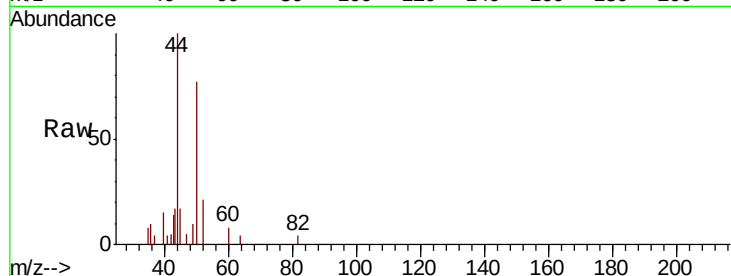
RE134D3-20190916

Tot Ion: 50 Resp: 4489

Ion Ratio Lower Upper

50 100

52 27.2 26.3 39.5



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.30 min Scan# 164

Delta R.T. 0.13 min

Lab File: VN058229.D

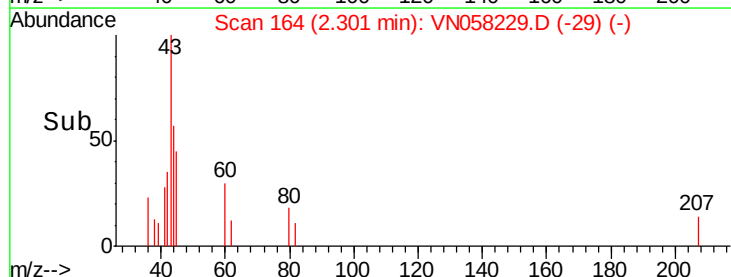
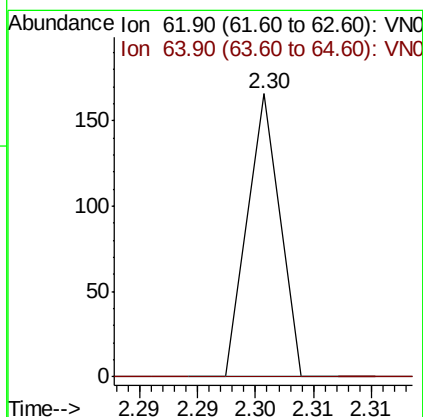
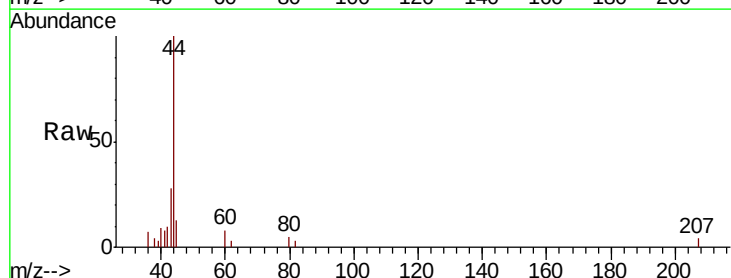
Acq: 20 Sep 2019 00:47

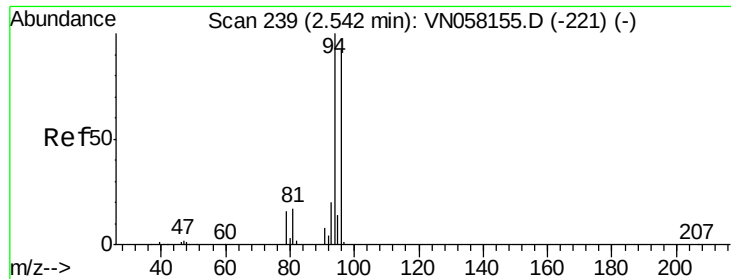
Tgt Ion: 62 Resp: 32

Ion Ratio Lower Upper

62 100

64 0.0 25.4 38.2#





#5

Bromomethane

Concen: 0.919 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

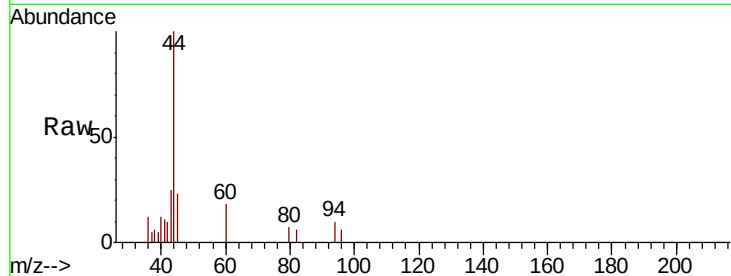
RE134D3-20190916

Tot Ion: 94 Resp: 377

Ion Ratio Lower Upper

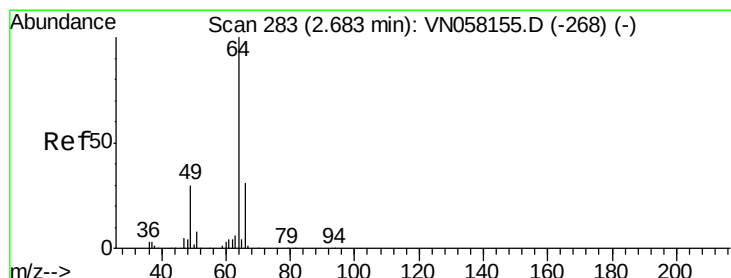
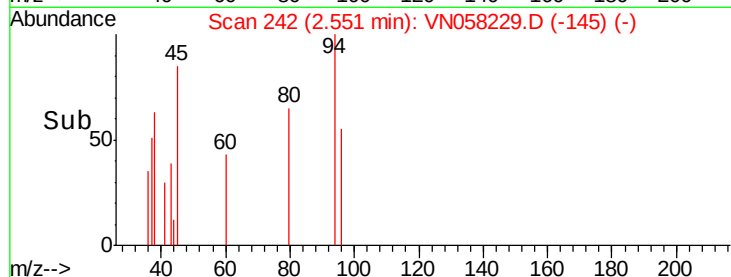
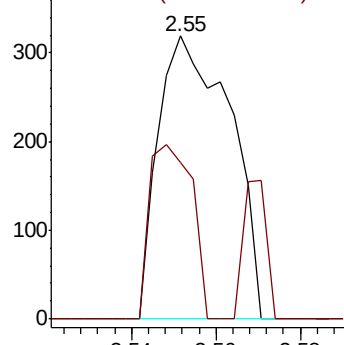
94 100

96 55.5 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: Below Cal

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN058229.D

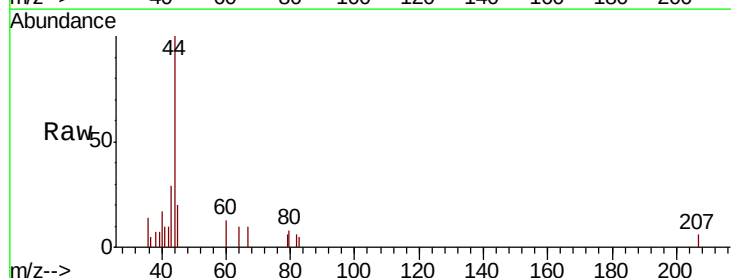
Acq: 20 Sep 2019 00:47

Tgt Ion: 64 Resp: 289

Ion Ratio Lower Upper

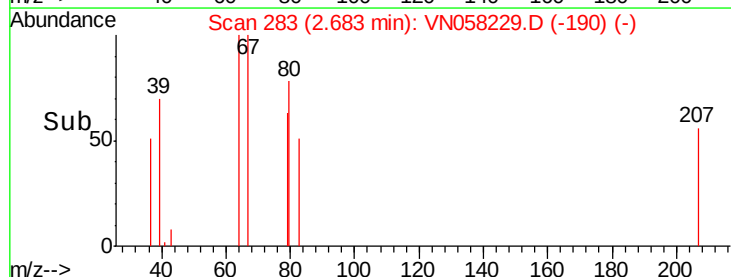
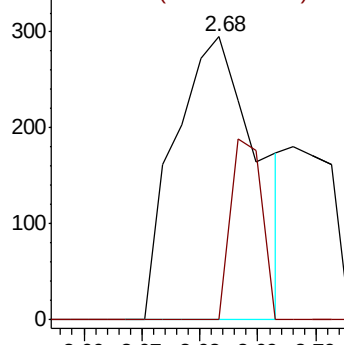
64 100

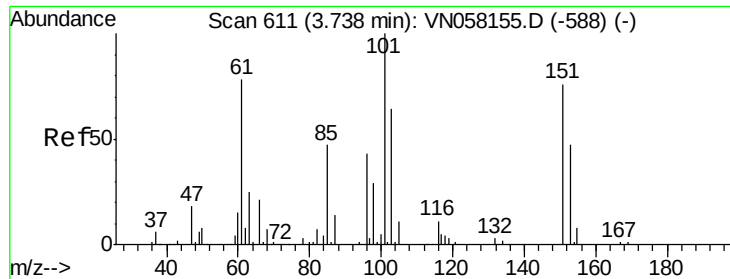
66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 412.690 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20190916

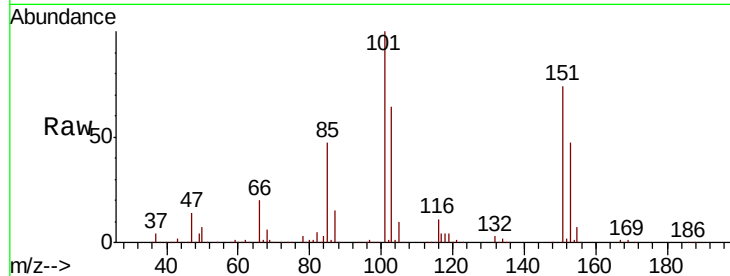
Tot Ion:101 Resp: 1723206

Ion Ratio Lower Upper

101 100

85 46.3 37.3 55.9

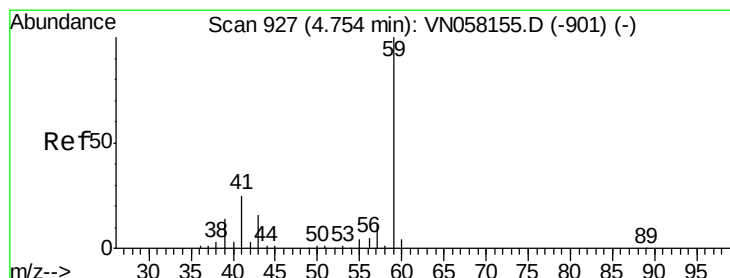
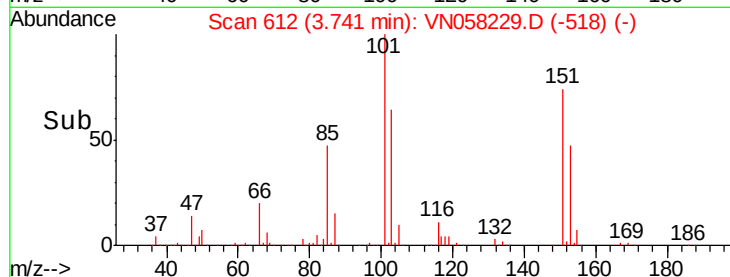
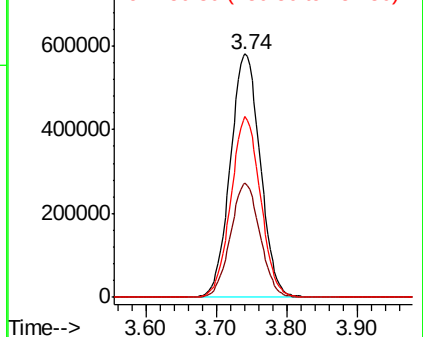
151 73.4 59.6 89.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 4.165 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.00 min

Lab File: VN058229.D

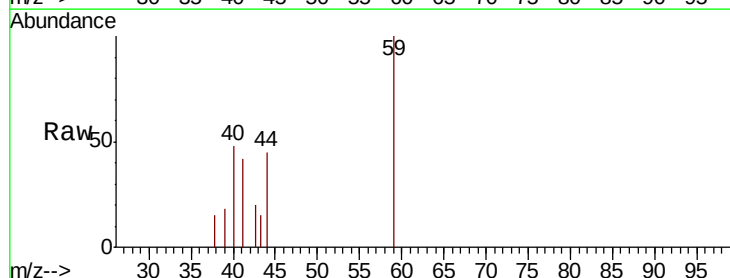
Acq: 20 Sep 2019 00:47

Tgt Ion: 59 Resp: 3564

Ion Ratio Lower Upper

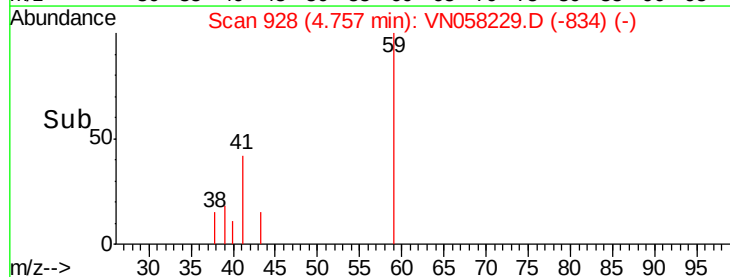
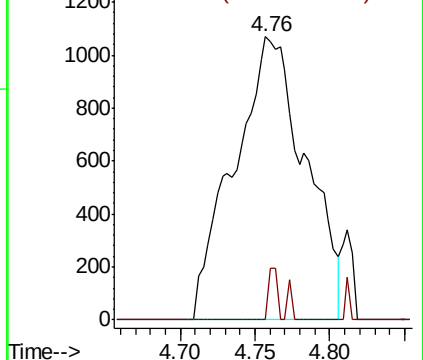
59 100

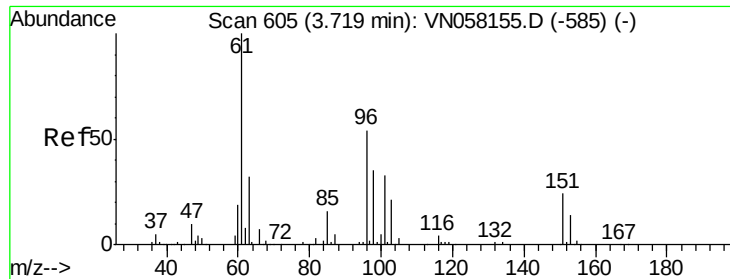
57 2.1 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

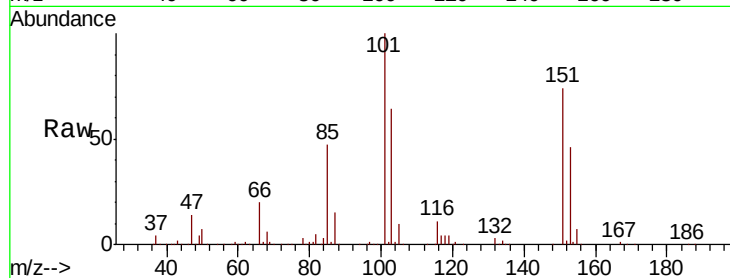




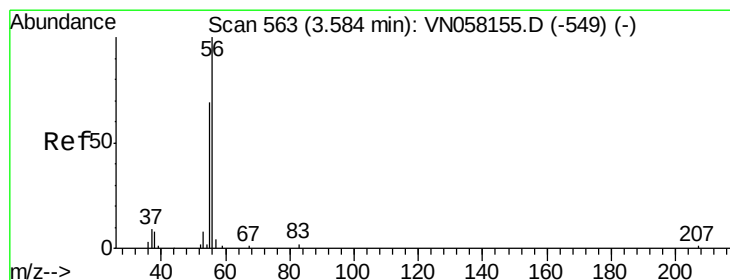
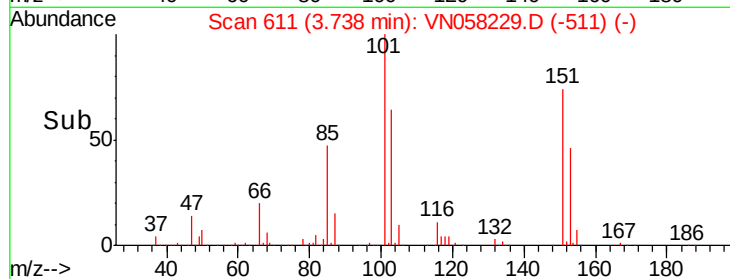
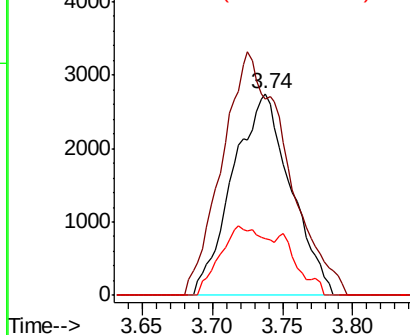
#12
 1,1-Dichloroethene
 Concen: 2.141 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.02 min
 Lab File: VN058229.D
 Acq: 20 Sep 2019 00:47

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20190916

Tot Ion: 96 Resp: 7864
 Ion Ratio Lower Upper
 96 100
 61 89.7 149.5 224.3#
 98 28.5 52.4 78.6#

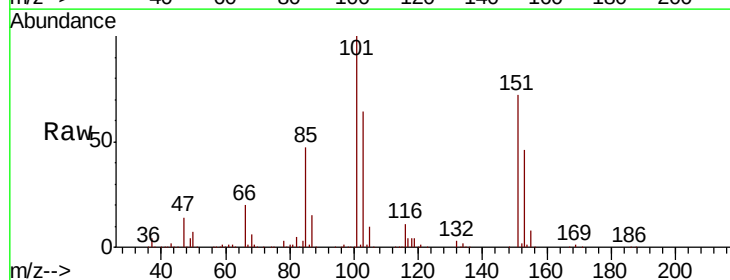


Abundance Ion 95.90 (95.60 to 96.60): VNO
 Ion 60.90 (60.60 to 61.60): VNO
 Ion 97.90 (97.60 to 98.60): VNO

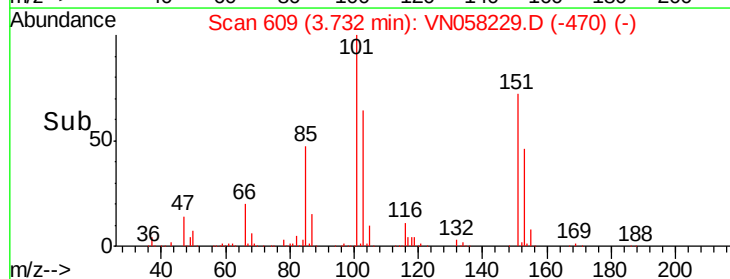
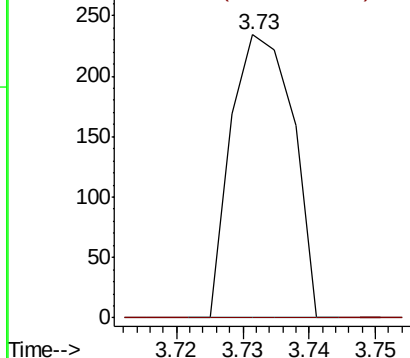


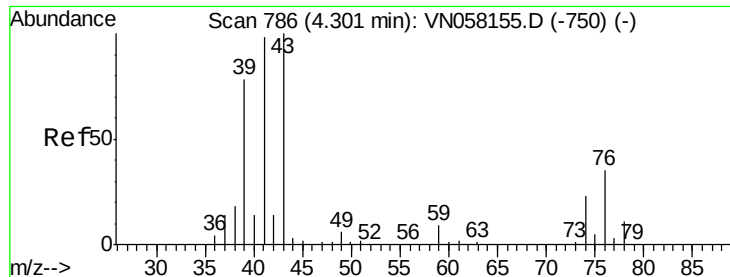
#13
 Acrolein
 Concen: 1.191 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.15 min
 Lab File: VN058229.D
 Acq: 20 Sep 2019 00:47

Tgt Ion: 56 Resp: 151
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VNO
 Ion 55.00 (54.70 to 55.70): VNO

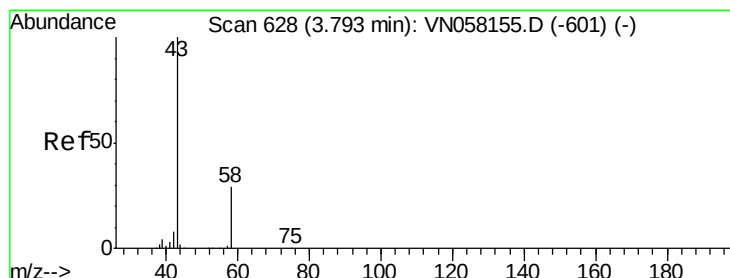
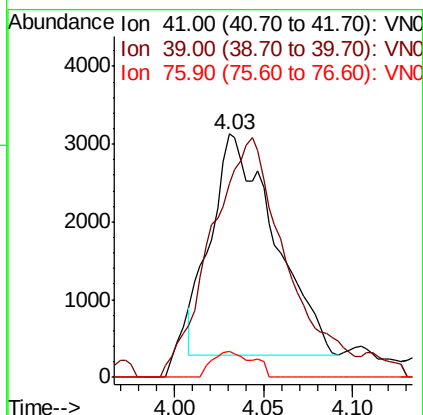
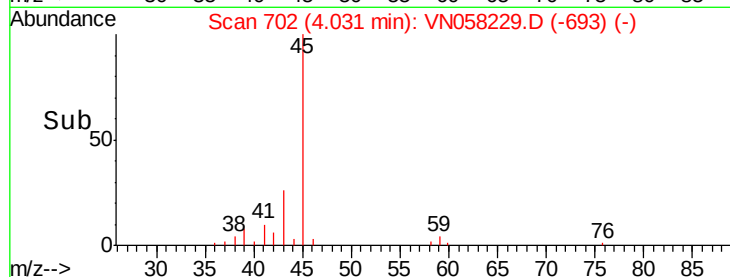
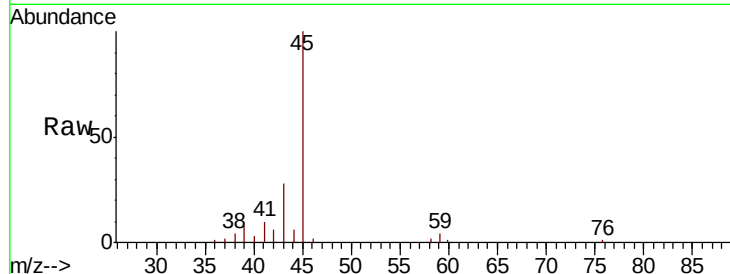




#14
Allvl chloride
Concen: 1.029 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.27 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

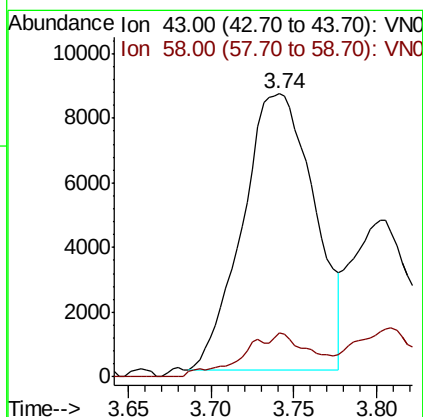
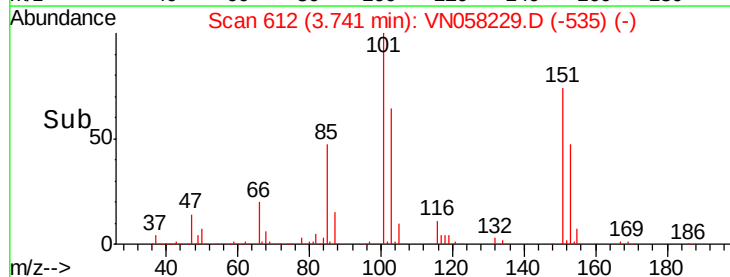
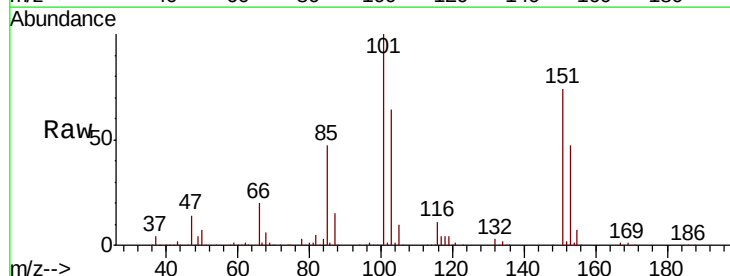
Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20190916

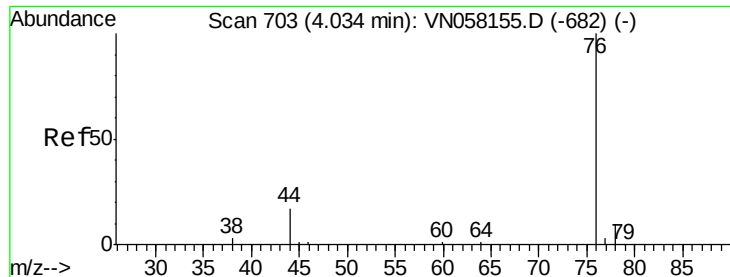
Tot Ion: 41 Resp: 7033
Ion Ratio Lower Upper
41 100
39 100.7 59.1 88.7#
76 7.5 25.1 37.7#



#16
Acetone
Concen: 10.544 ug/l
RT: 3.74 min Scan# 612
Delta R.T. -0.05 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

Tgt Ion: 43 Resp: 25747
Ion Ratio Lower Upper
43 100
58 14.1 23.4 35.2#





#17

Carbon Disulfide

Concen: 0.389 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

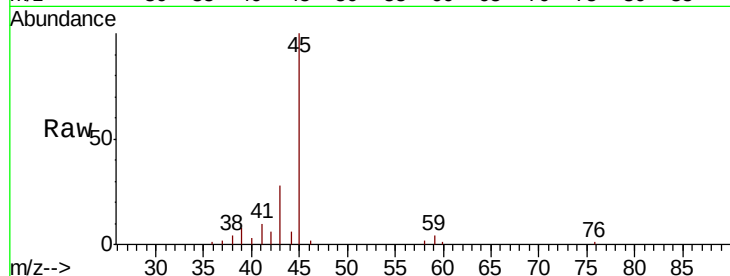
RE134D3-20190916

Tot Ion: 76 Resp: 528

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

300

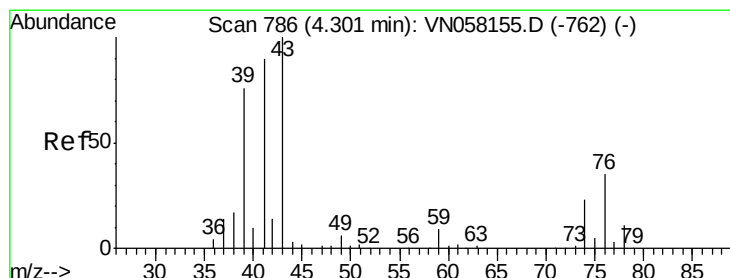
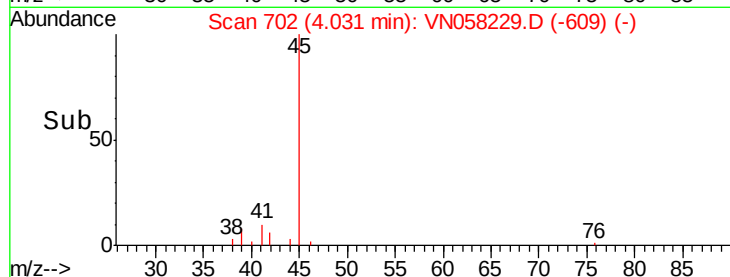
200

100

0

4.00 4.02 4.04 4.06

Time-->



#18

Methyl Acetate

Concen: 3.607 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.26 min

Lab File: VN058229.D

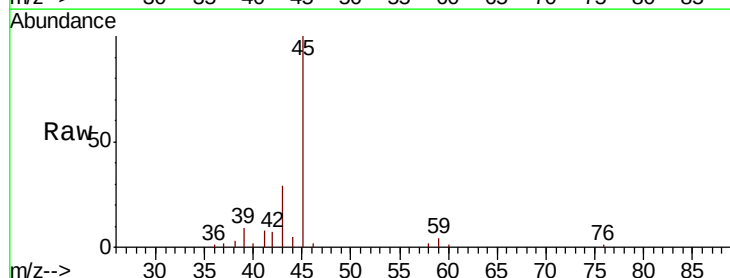
Acq: 20 Sep 2019 00:47

Tgt Ion: 43 Resp: 23179

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

10000

8000

6000

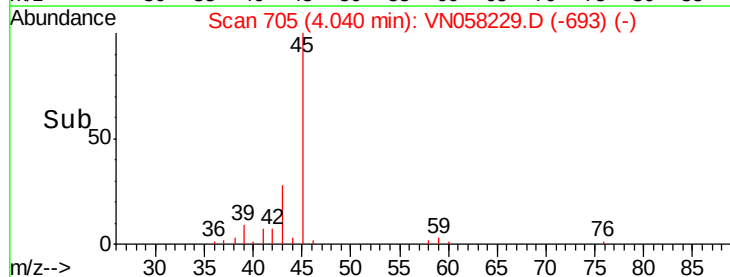
4000

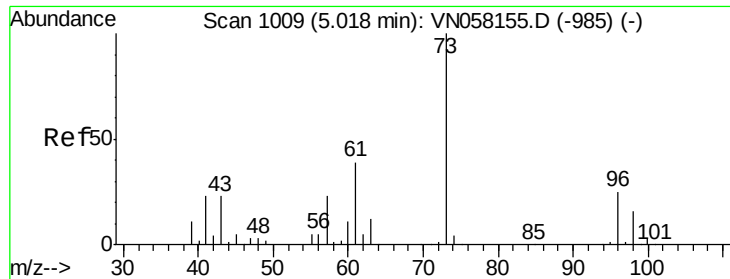
2000

0

4.00 4.05 4.10

Time-->

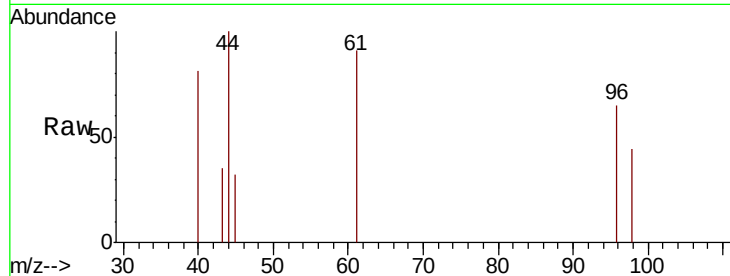




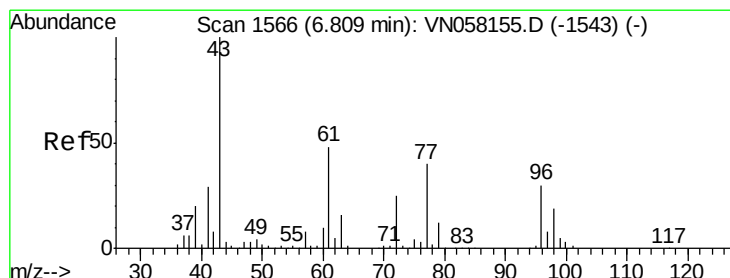
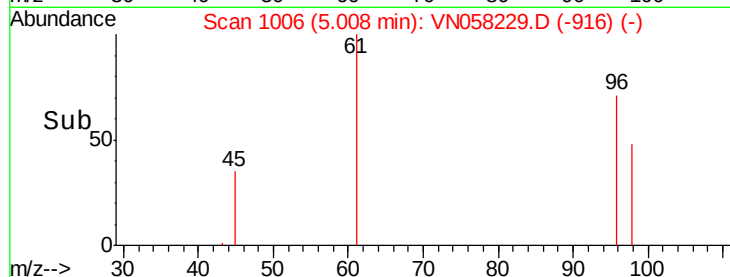
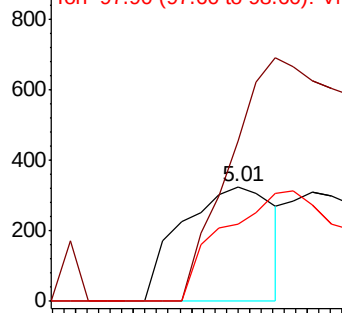
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20190916

Tot Ion: 96 Resp: 357
Ion Ratio Lower Upper
96 100
61 140.1 122.2 183.4
98 67.9 49.9 74.9

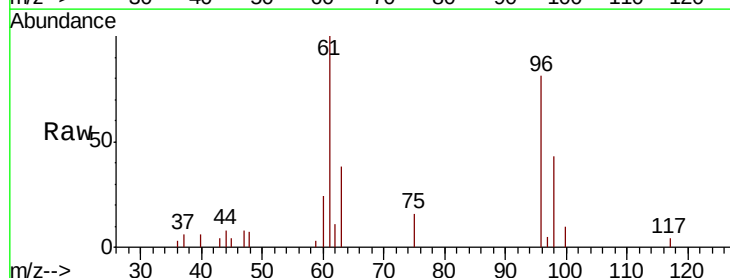


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

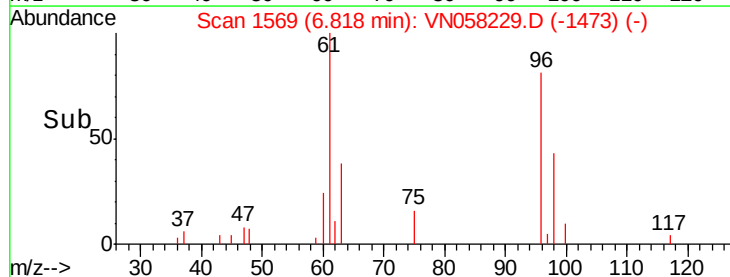
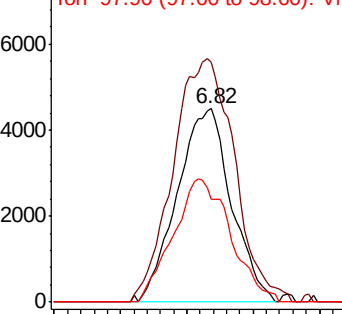


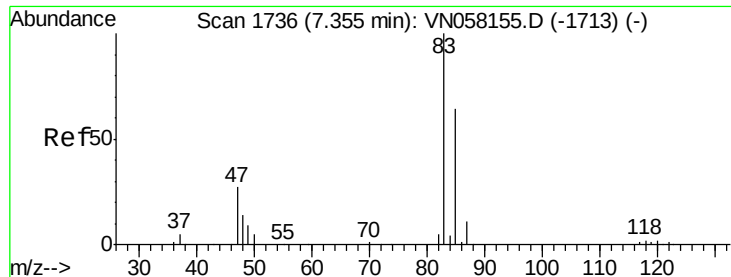
#27
cis-1,2-Dichloroethene
Concen: 2.449 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

Tgt Ion: 96 Resp: 12825
Ion Ratio Lower Upper
96 100
61 142.4 0.0 319.0
98 67.4 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

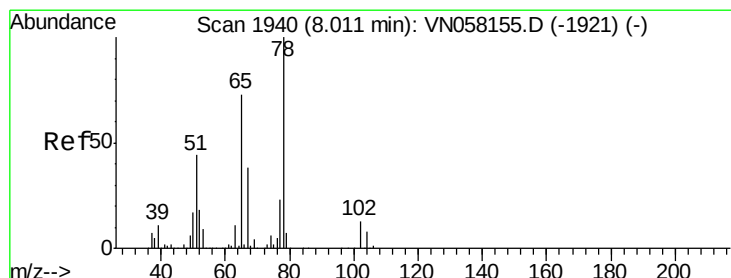
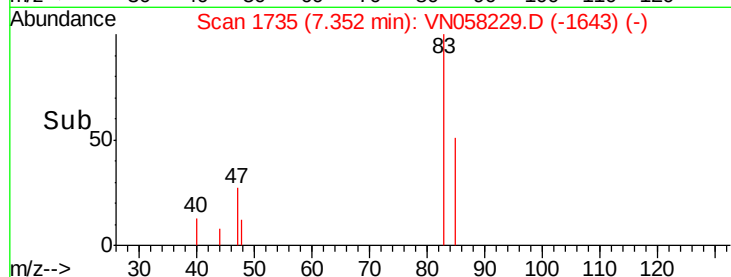
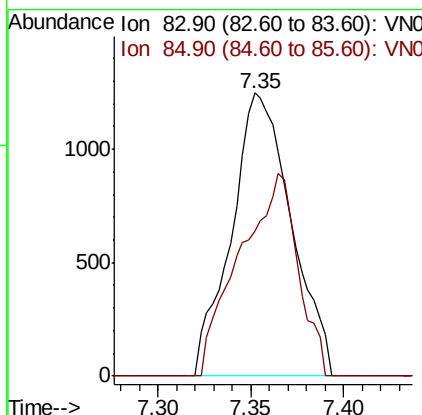
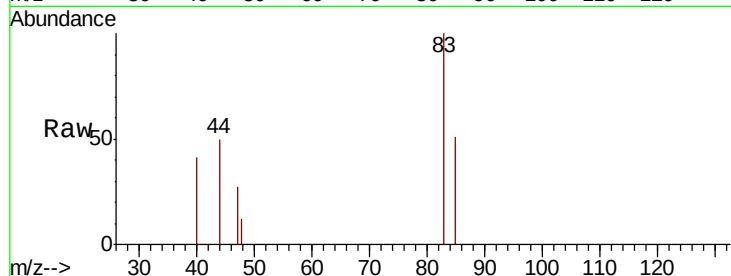




#30
Chloroform
Concen: 0.282 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. -0.00 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

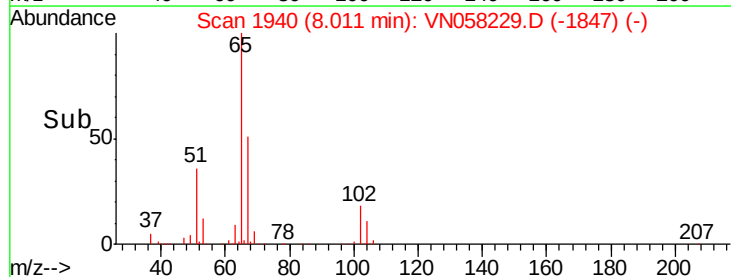
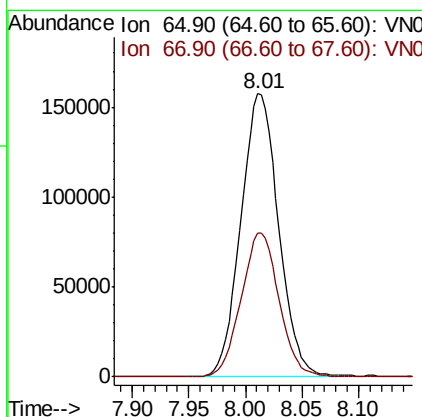
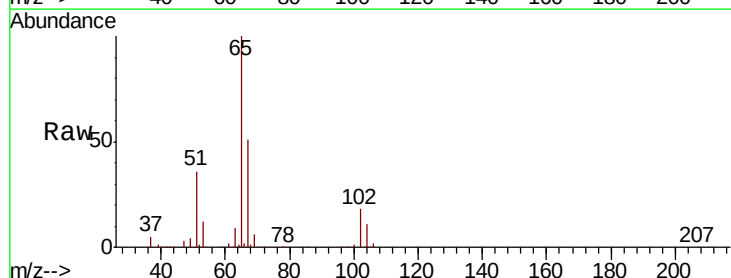
Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20190916

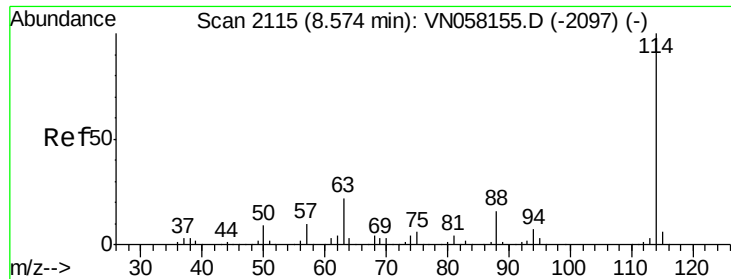
Tot Ion: 83 Resp: 2812
Ion Ratio Lower Upper
83 100
85 51.2 51.4 77.2#



#33
1,2-Dichloroethane-d4
Concen: 50.902 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

Tgt Ion: 65 Resp: 366181
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

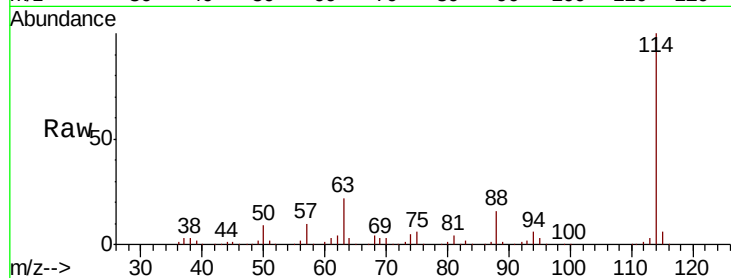




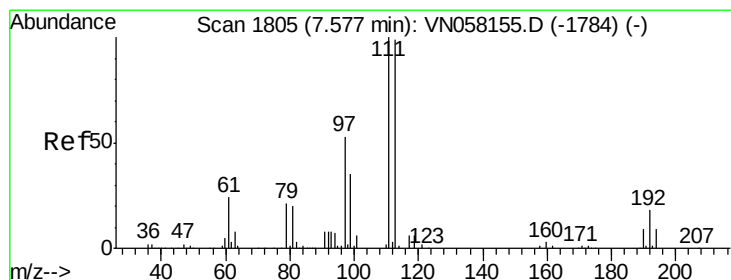
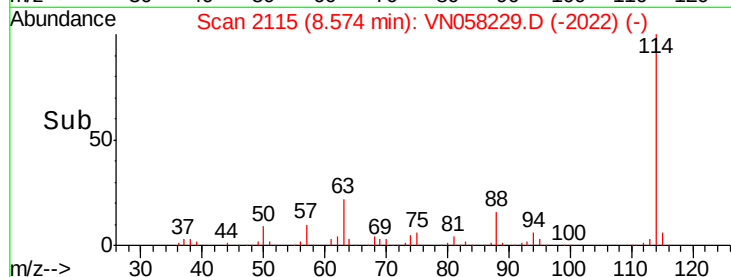
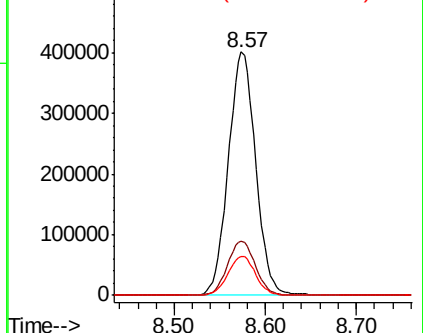
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058229.D
 Acq: 20 Sep 2019 00:47

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20190916

Tot Ion:114 Resp: 838992
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.2
 88 16.2 0.0 31.6

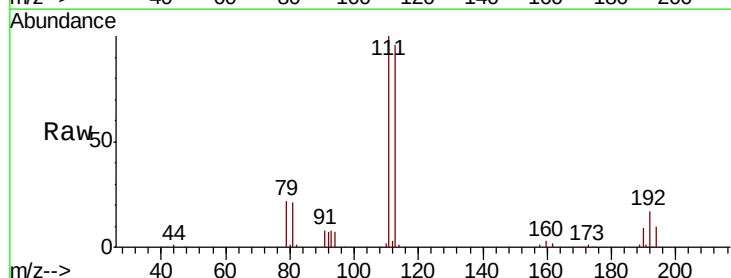


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

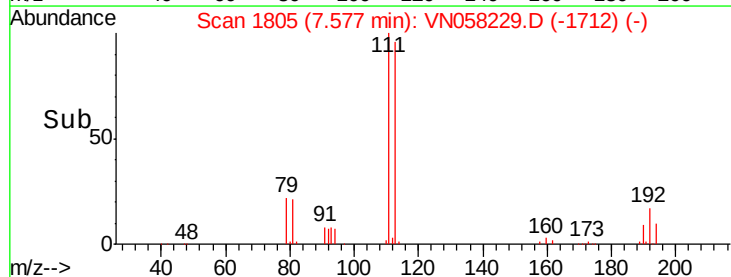
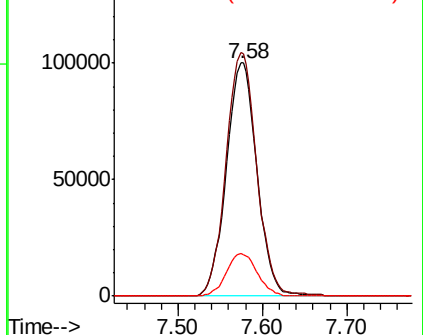


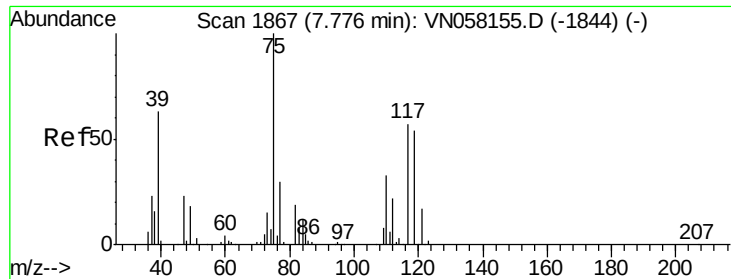
#35
 Dibromofluoromethane
 Concen: 49.605 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058229.D
 Acq: 20 Sep 2019 00:47

Tgt Ion:113 Resp: 253004
 Ion Ratio Lower Upper
 113 100
 111 104.8 81.8 122.6
 192 18.5 14.5 21.7



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

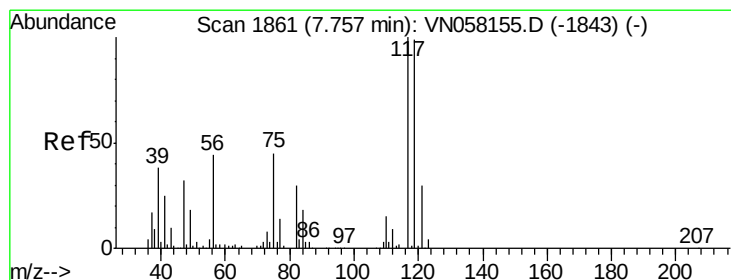
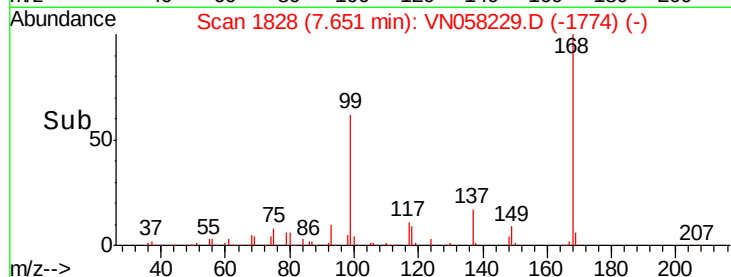
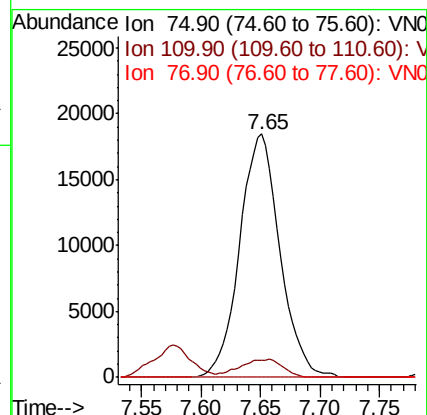
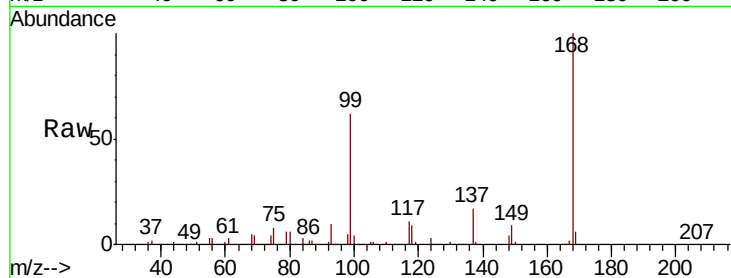




#36
 1,1-Dichloropropene
 Concen: 7.140 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058229.D
 Acq: 20 Sep 2019 00:47

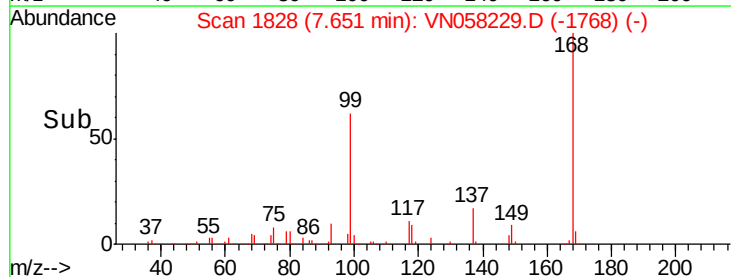
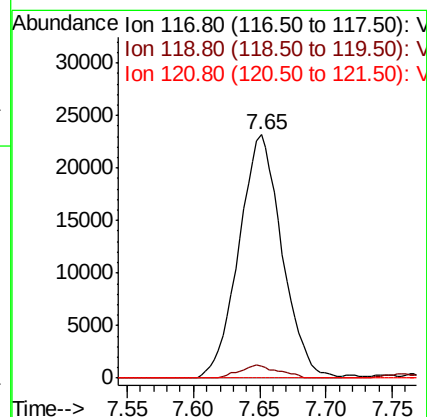
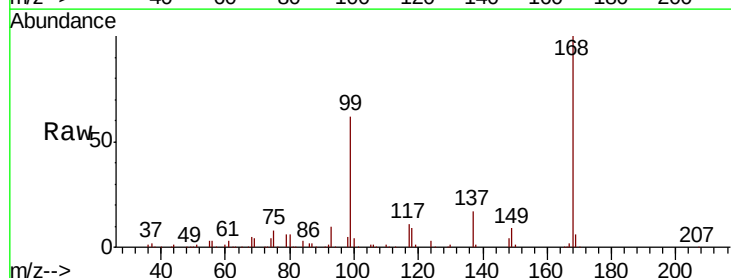
Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20190916

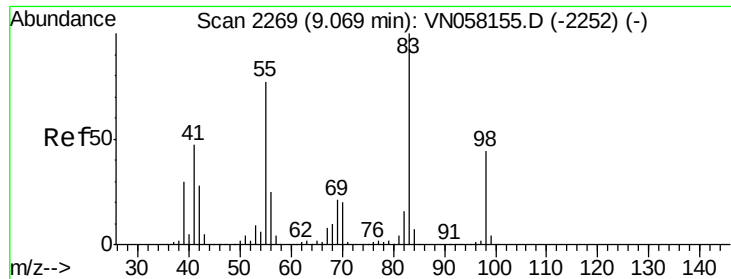
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.6	49.7#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 8.622 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058229.D
 Acq: 20 Sep 2019 00:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	78.6	117.8#
121	0.0	24.1	36.1#

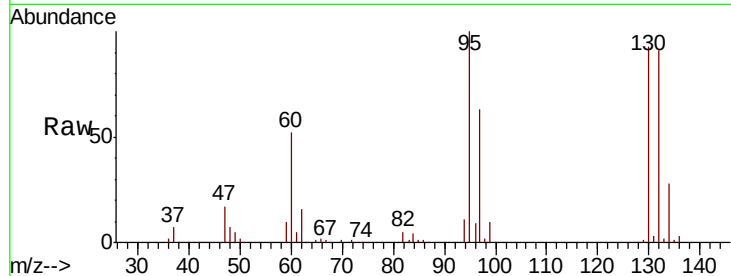




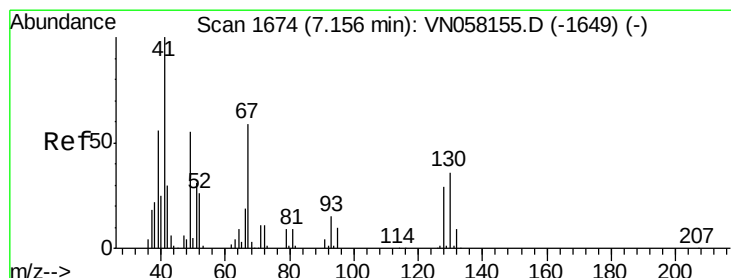
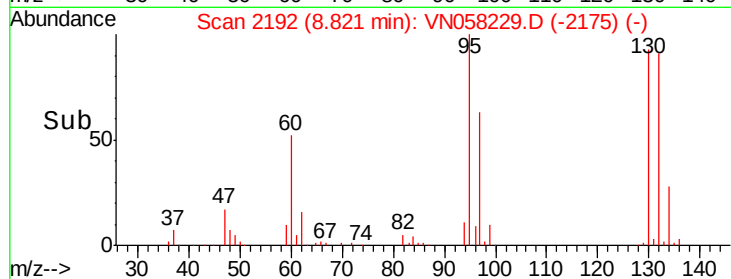
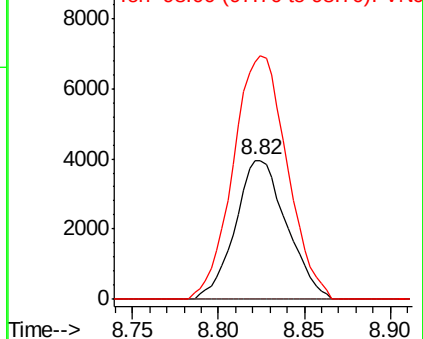
#39
Methylcyclohexane
Concen: 1.475 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. -0.25 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

Instrument :
MSVOA_N
ClientSampleId :
RE134D3-20190916

Tot Ion: 83 Resp: 8225
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 170.1 35.4 53.2#



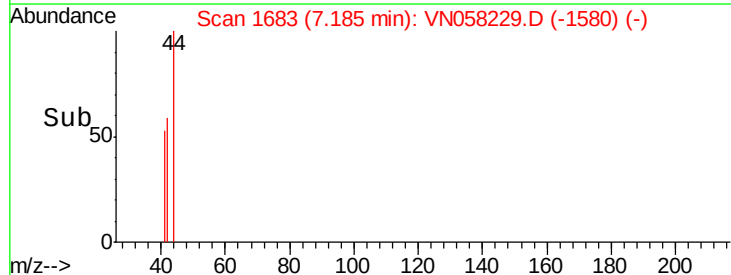
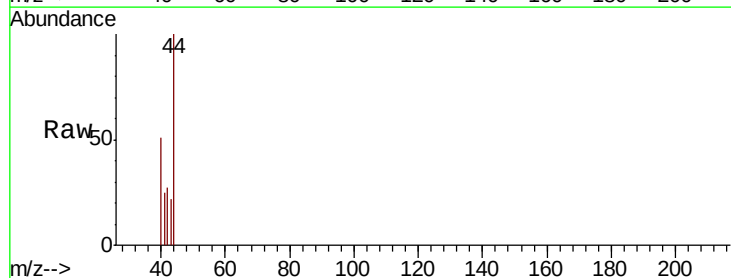
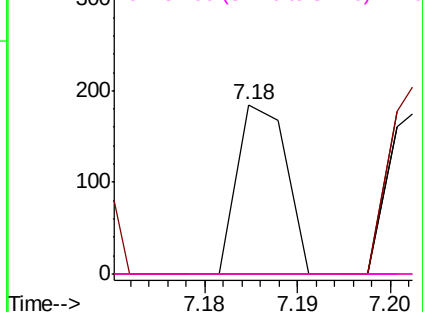
Abundance Ion 83.00 (82.70 to 83.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

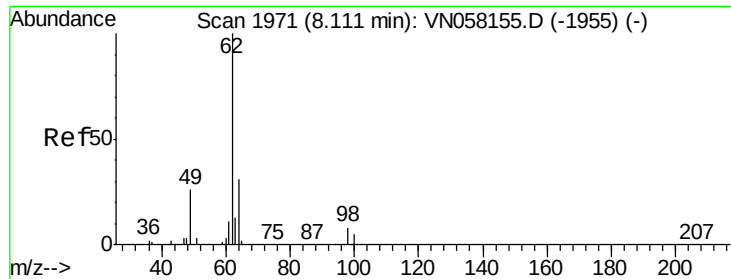


#41
Methacrylonitrile
Concen: 0.932 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN058229.D
Acq: 20 Sep 2019 00:47

Tgt Ion: 41 Resp: 68
Ion Ratio Lower Upper
41 100
39 157.4 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC





#42

1,2-Dichloroethane

Concen: 0.321 ug/l

RT: 8.11 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

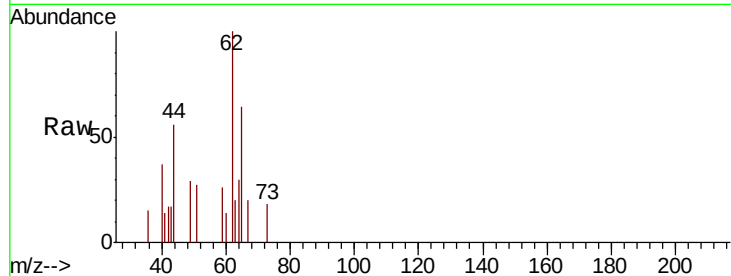
RE134D3-20190916

Tot Ion: 62 Resp: 2493

Ion Ratio Lower Upper

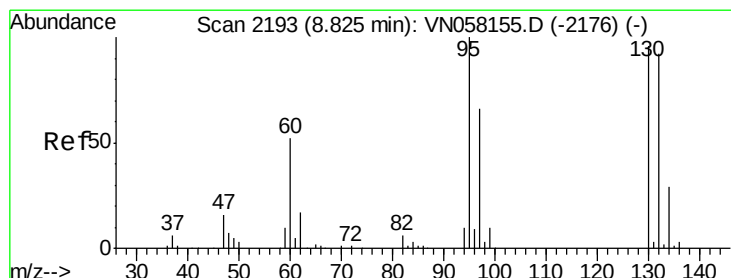
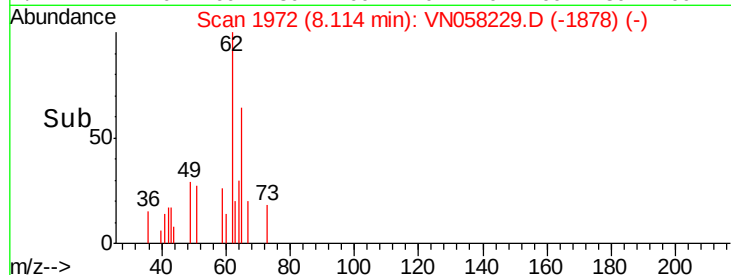
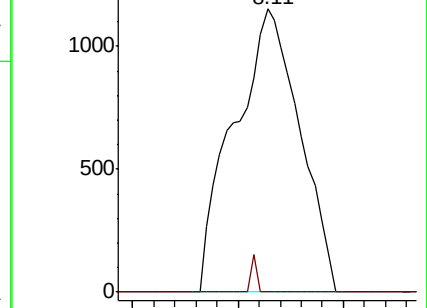
62 100

98 1.2 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN058155.D (-1955) (-)

Ion 97.90 (97.60 to 98.60): VN058155.D (-1955) (-)



#44

Trichloroethene

Concen: 127.594 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VN058229.D

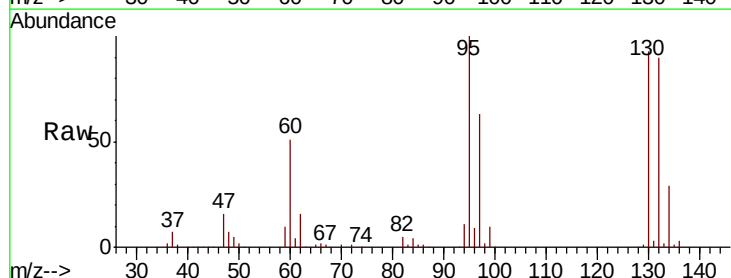
Acq: 20 Sep 2019 00:47

Tgt Ion: 130 Resp: 577014

Ion Ratio Lower Upper

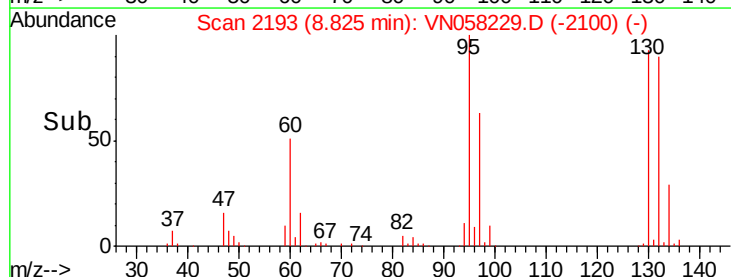
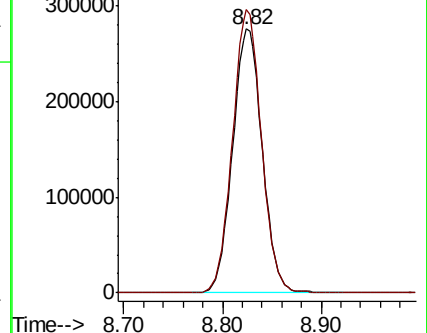
130 100

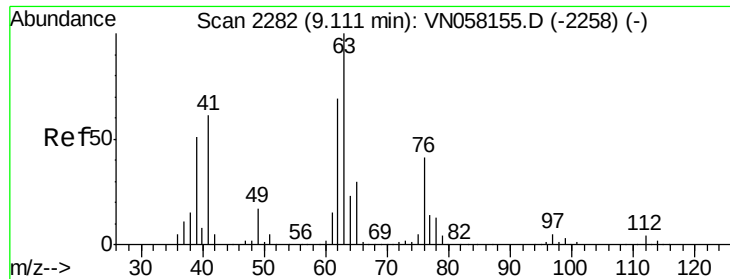
95 107.3 0.0 207.8



Abundance Ion 129.80 (129.50 to 130.50): VN058155.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058155.D (-2176) (-)

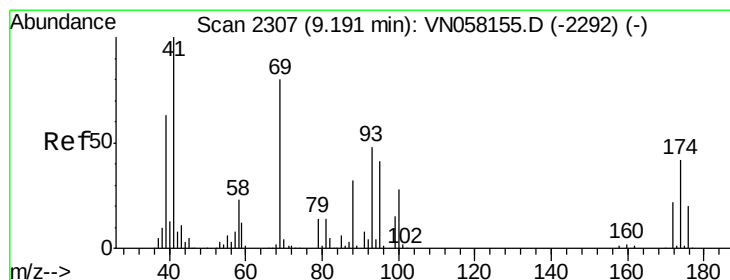
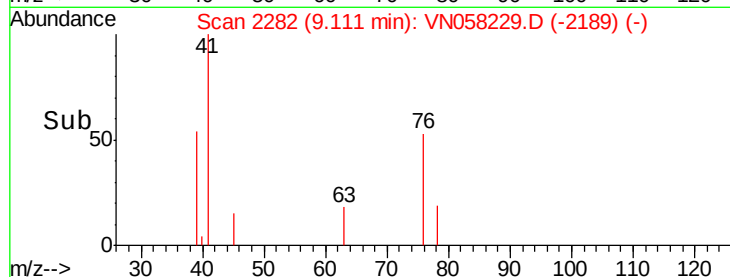
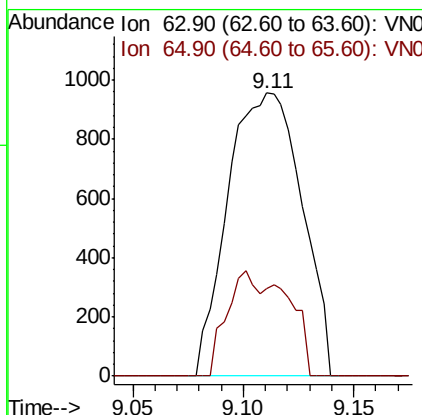
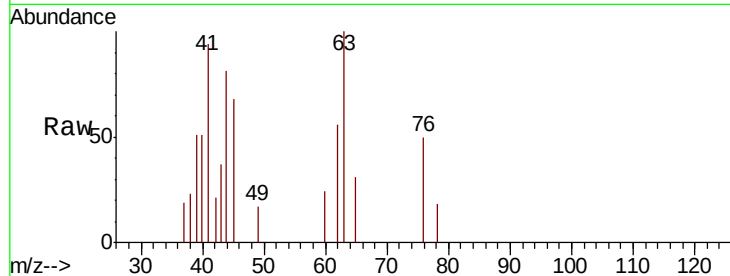




#45
 1,2-Dichloropropane
 Concen: 0.402 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. -0.00 min
 Lab File: VN058229.D
 Acq: 20 Sep 2019 00:47

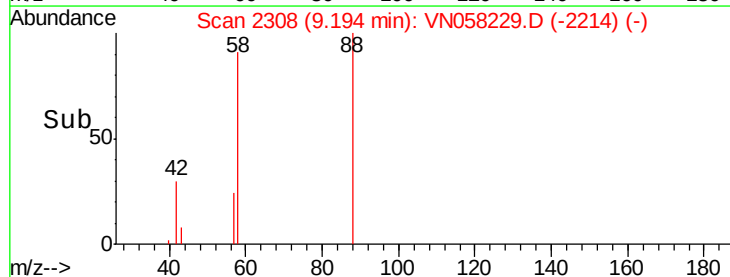
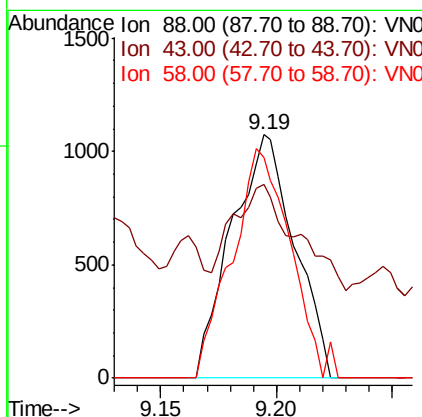
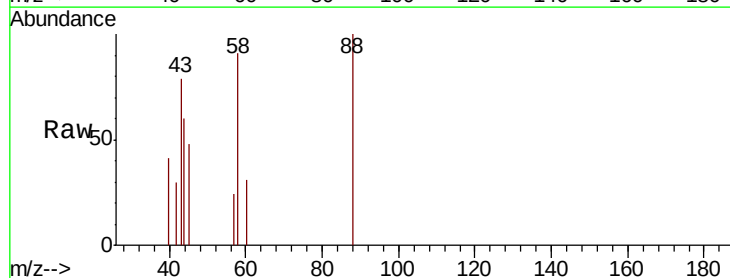
Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D3-20190916

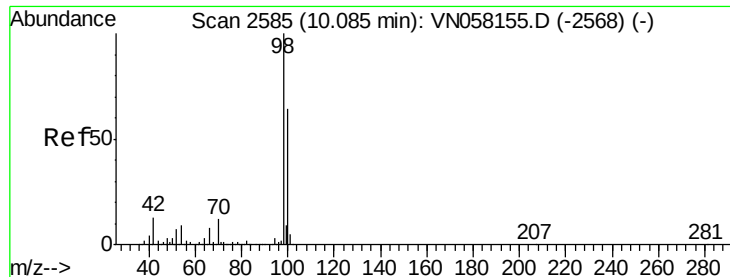
Tot Ion: 63 Resp: 2219
 Ion Ratio Lower Upper
 63 100
 65 31.1 23.8 35.6



#49
 1,4-Dioxane
 Concen: 23.199 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN058229.D
 Acq: 20 Sep 2019 00:47

Tgt Ion: 88 Resp: 2028
 Ion Ratio Lower Upper
 88 100
 43 43.9 27.8 41.8#
 58 87.5 55.0 82.4#





#50

Toluene-d8

Concen: 53.149 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

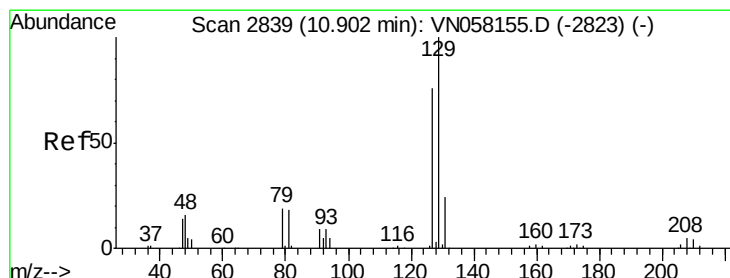
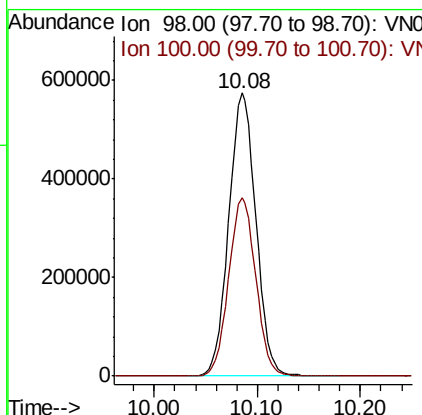
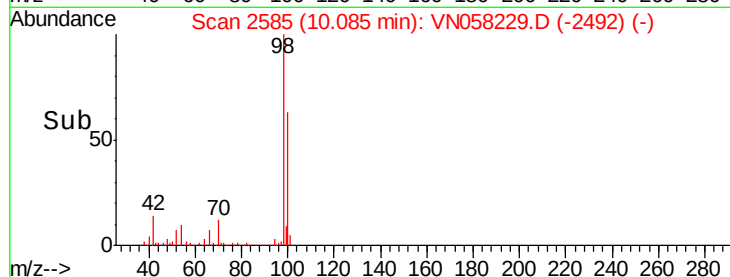
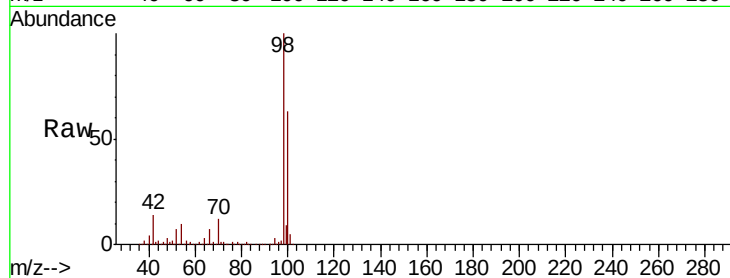
RE134D3-20190916

Tot Ion: 98 Resp: 1056176

Ion Ratio Lower Upper

98 100

100 62.7 51.1 76.7



#60

Dibromochloromethane

Concen: 26.104 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.27 min

Lab File: VN058229.D

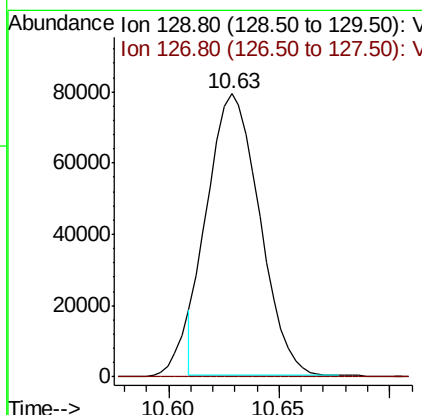
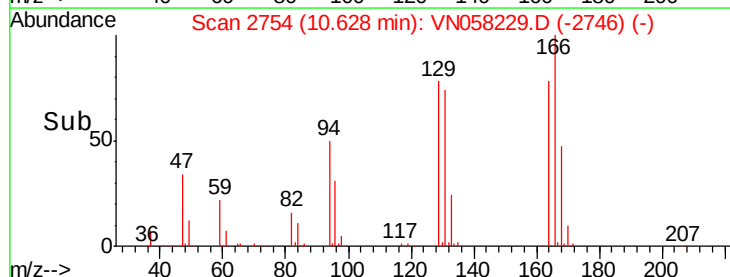
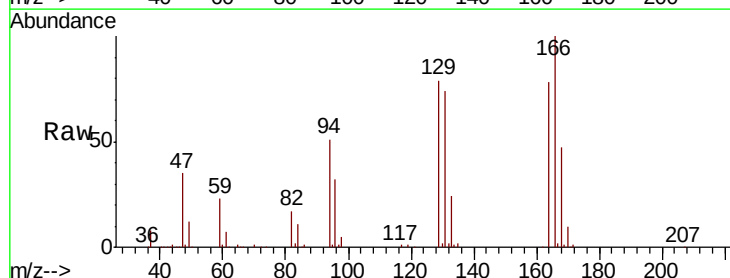
Acq: 20 Sep 2019 00:47

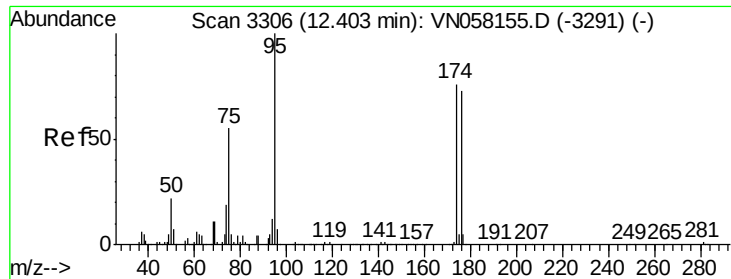
Tgt Ion: 129 Resp: 129075

Ion Ratio Lower Upper

129 100

127 0.0 38.7 116.1#





#62

4-Bromofluorobenzene

Concen: 45.928 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20190916

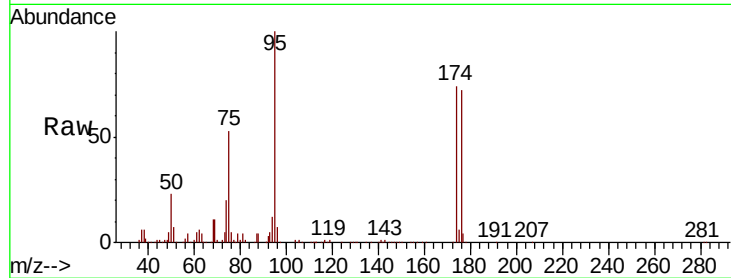
Tot Ion: 95 Resp: 339031

Ion Ratio Lower Upper

95 100

174 75.7 0.0 152.2

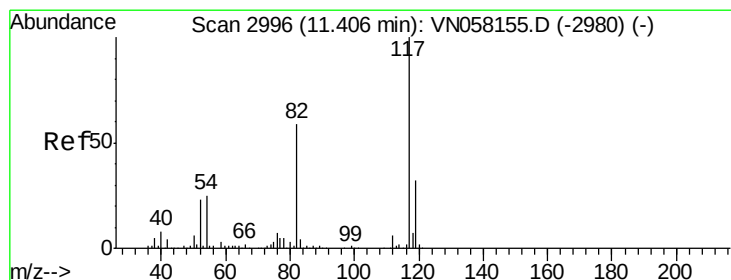
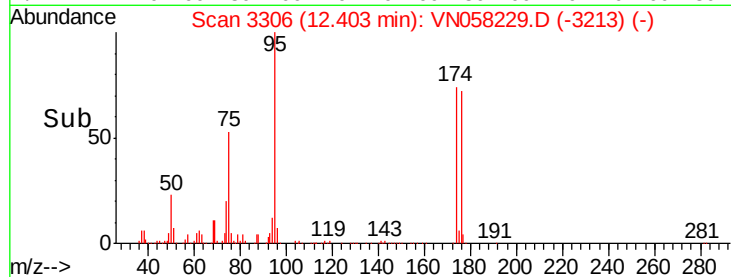
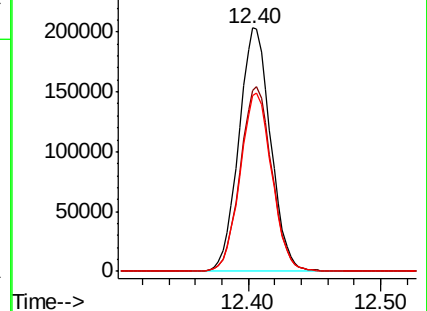
176 73.4 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

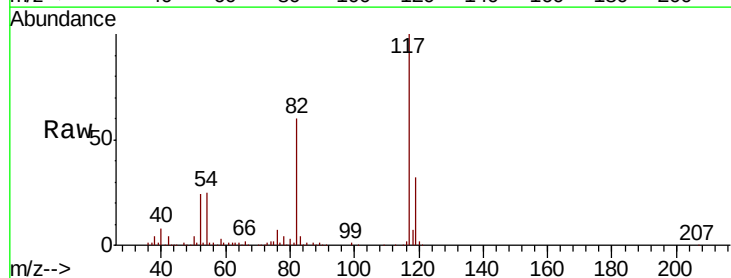
Tgt Ion: 117 Resp: 718918

Ion Ratio Lower Upper

117 100

82 59.6 46.9 70.3

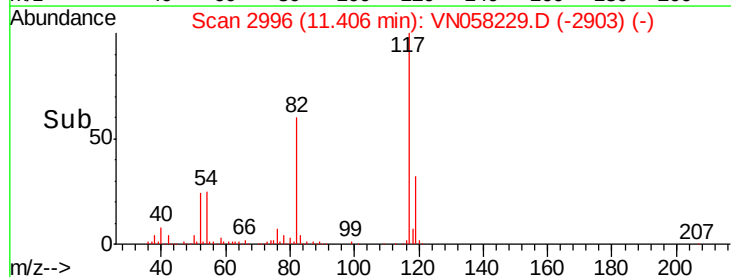
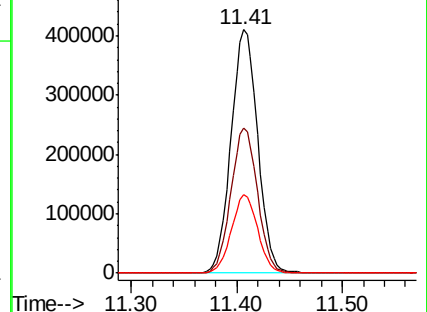
119 32.1 25.3 37.9

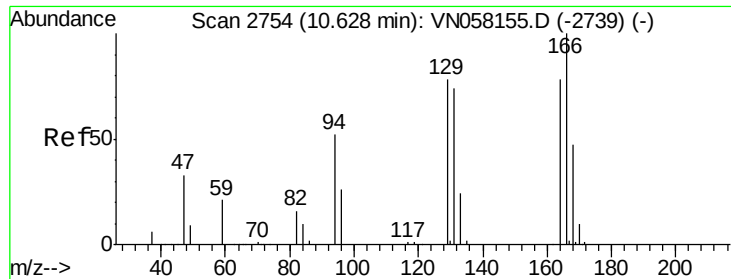


Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)





#64

Tetrachloroethene

Concen: 39.953 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

RE134D3-20190916

Tot Ion:164 Resp: 140016

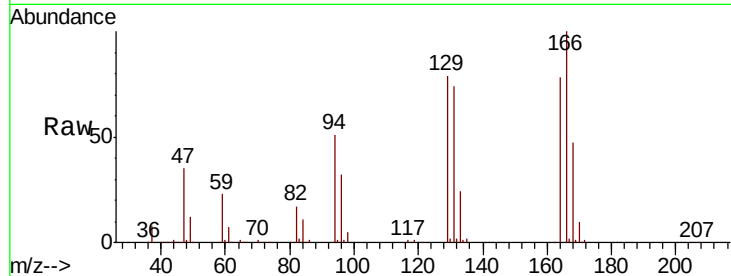
Ion Ratio Lower Upper

164 100

166 127.8 102.2 153.4

129 101.5 79.6 119.4

131 95.2 76.0 114.0

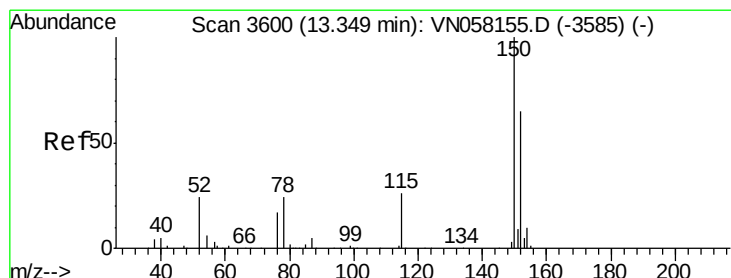
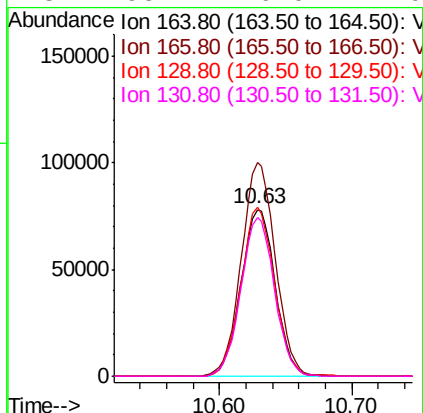
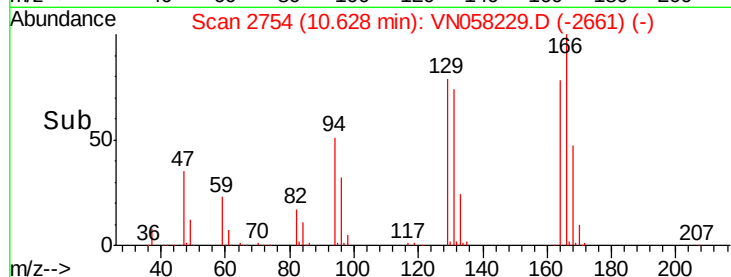


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VN058229.D

Acq: 20 Sep 2019 00:47

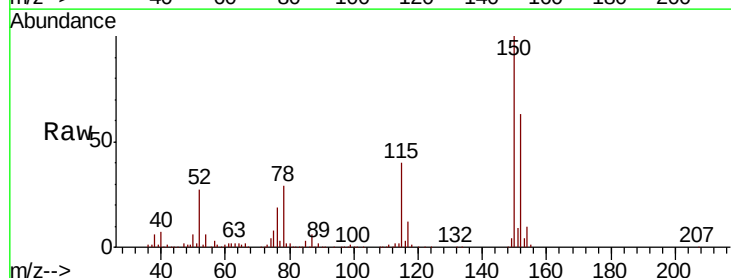
Tgt Ion:152 Resp: 296625

Ion Ratio Lower Upper

152 100

115 61.8 30.1 90.3

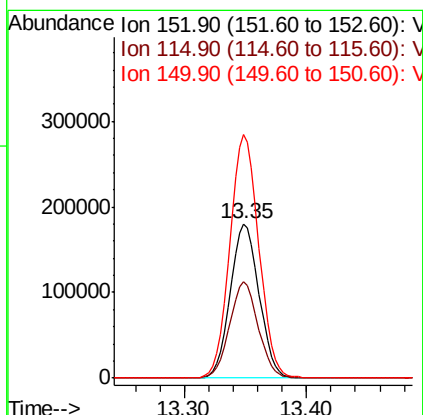
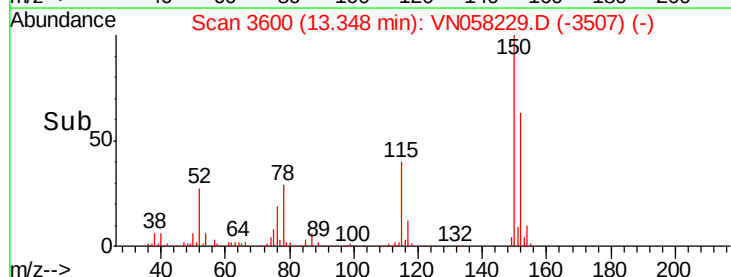
150 158.4 0.0 346.4

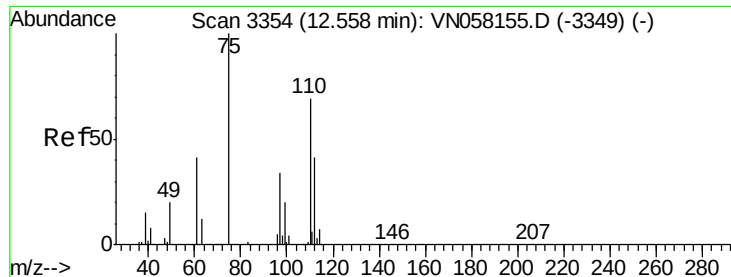


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 34.552 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Instrument :

MSVOA_N

ClientSampleId :

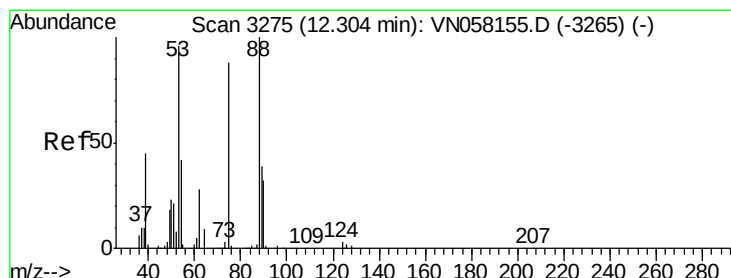
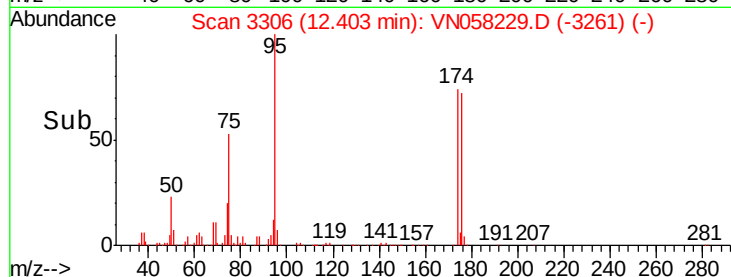
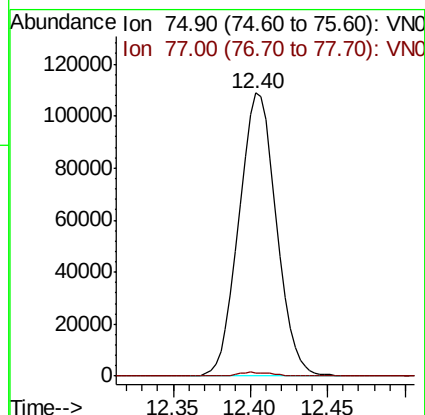
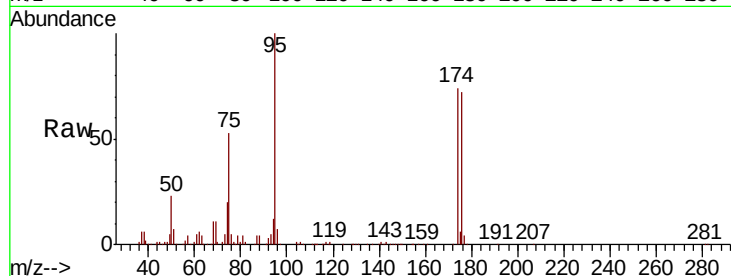
RE134D3-20190916

Tot Ion: 75 Resp: 183424

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 96.728 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058229.D

Acq: 20 Sep 2019 00:47

Tgt Ion: 75 Resp: 183424

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 36.2 54.2#

