

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058226.D
 Acq On : 19 Sep 2019 23:40
 Operator : JC/SP
 Sample : K4974-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 04:28:04 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

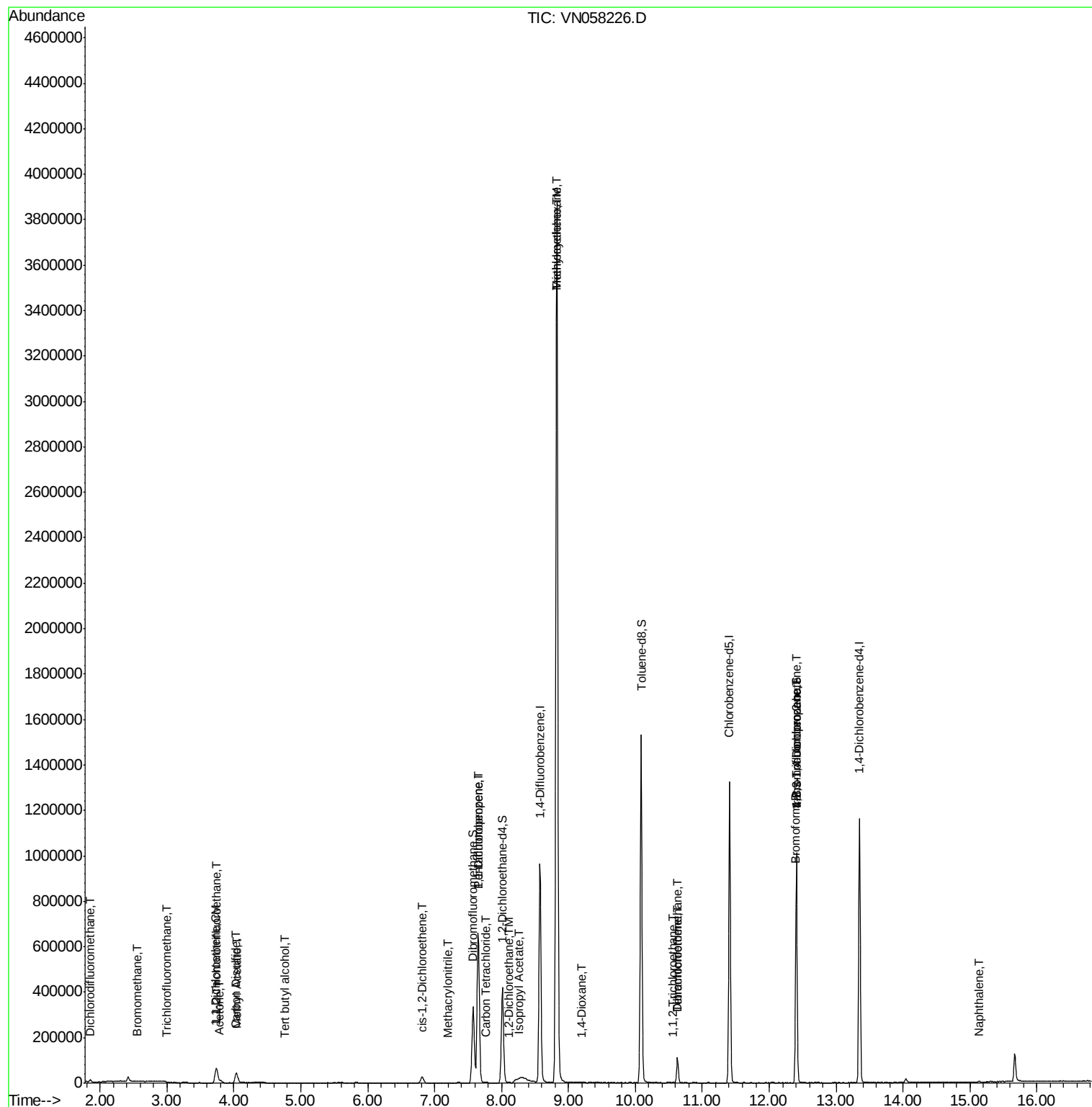
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	513978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	832879	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	716733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	362548	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
35) Dibromofluoromethane	7.58	113	251839	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.08	98	1054749	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.41	95	338225	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.84	85	3196	0.757	ug/l	90
3) Chloromethane	2.04	50	1532	Below Cal	#	85
5) Bromomethane	2.56	94	382	0.922	ug/l #	11
6) Chloroethane	2.69	64	147	Below Cal	#	44
7) Trichlorofluoromethane	3.00	101	1502	0.261	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	36623	8.814	ug/l	99
11) Tert butyl alcohol	4.76	59	384	0.451	ug/l #	71
12) 1,1-Dichloroethene	3.72	96	5263	1.322	ug/l #	92
16) Acetone	3.80	43	18565	7.640	ug/l	94
17) Carbon Disulfide	4.02	76	617	0.409	ug/l #	74
18) Methyl Acetate	4.04	43	18043	2.822	ug/l #	53
20) Methylene Chloride	4.52	84	353	Below Cal	#	54
21) trans-1,2-Dichloroethene	5.02	96	196	Below Cal	#	1
27) cis-1,2-Dichloroethene	6.81	96	16029	3.075	ug/l	89
31) Cyclohexane	7.65	56	12905	Below Cal	#	8
36) 1,1-Dichloropropene	7.65	75	42565	7.087	ug/l #	52
38) Carbon Tetrachloride	7.76	117	2675	0.443	ug/l #	75
39) Methylcyclohexane	8.82	83	17158	3.021	ug/l #	1
41) Methacrylonitrile	7.20	41	390	1.033	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	1928	0.250	ug/l #	78
43) Isopropyl Acetate	8.25	43	23070	1.982	ug/l #	57
44) Trichloroethene	8.82	130	1376693	306.660	ug/l	100
49) 1,4-Dioxane	9.20	88	1786	20.581	ug/l #	81
55) 1,1,2-Trichloroethane	10.56	97	1185	0.232	ug/l #	86
60) Dibromochloromethane	10.63	129	23119	4.710	ug/l #	11
64) Tetrachloroethene	10.63	164	24959	7.144	ug/l	97
71) Bromoform	12.39	173	54	3.610	ug/l #	29
76) 1,2,3-Trichloropropane	12.40	75	185223	34.907	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	185223	97.664	ug/l #	5
95) Naphthalene	15.14	128	3749	0.265	ug/l #	90

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

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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: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

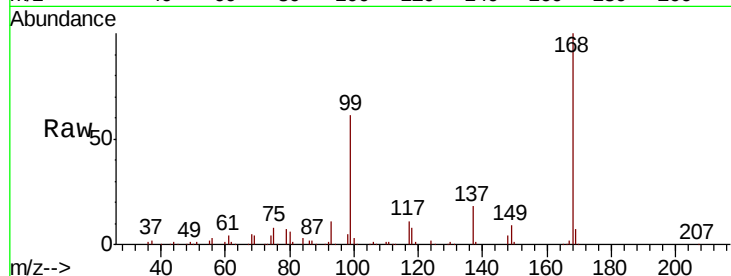
ClientSampled :

Tot Ion:168 Resp: 513978

Ion Ratio Lower Upper

168 100

99 60.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

100000

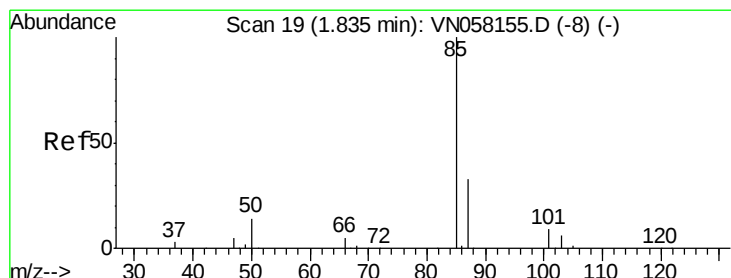
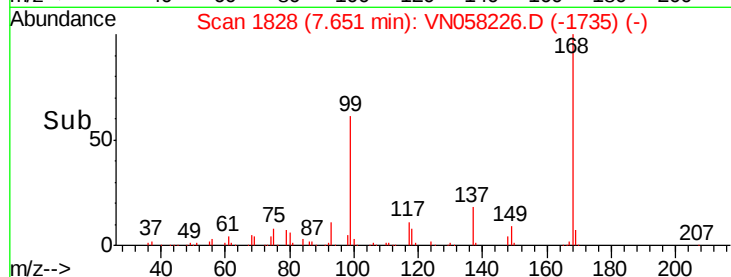
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 0.757 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN058226.D

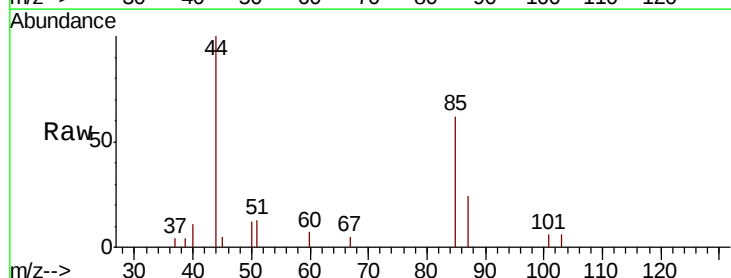
Acq: 19 Sep 2019 23:40

Tgt Ion: 85 Resp: 3196

Ion Ratio Lower Upper

85 100

87 38.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

2500

2000

1500

1000

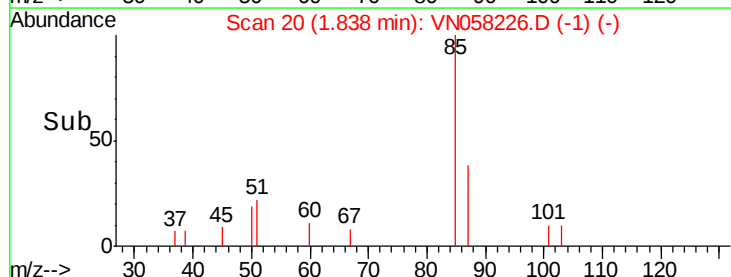
500

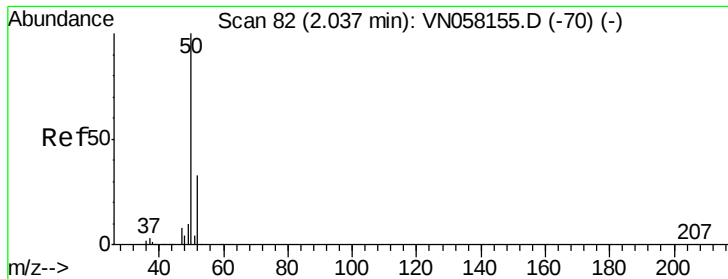
0

1.80

1.85

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

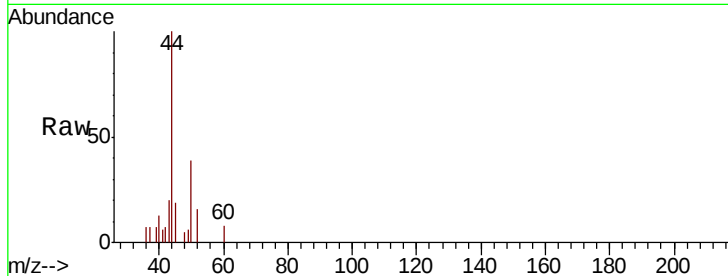
ClientSampled :

Tot Ion: 50 Resp: 1532

Ion Ratio Lower Upper

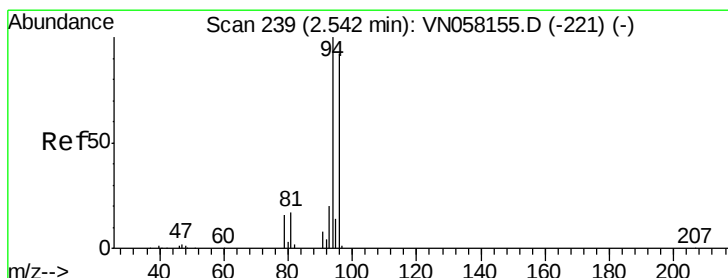
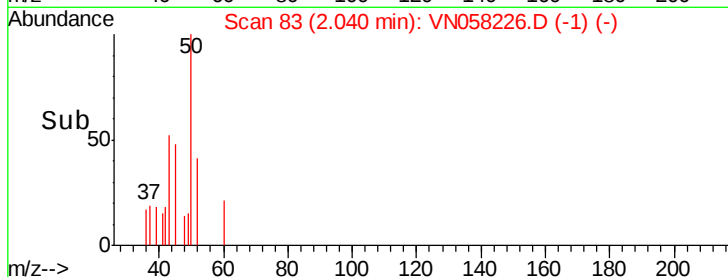
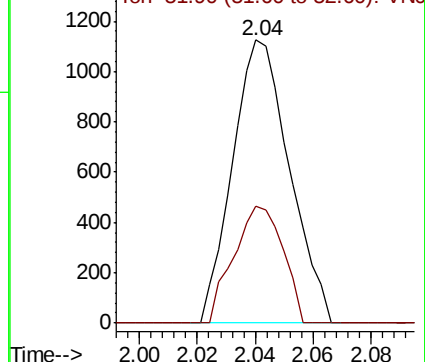
50 100

52 41.2 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#5

Bromomethane

Concen: 0.922 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.02 min

Lab File: VN058226.D

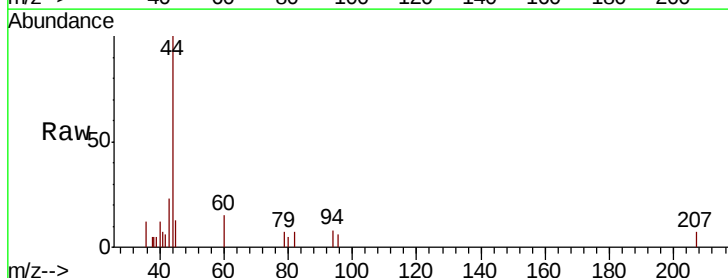
Acq: 19 Sep 2019 23:40

Tgt Ion: 94 Resp: 382

Ion Ratio Lower Upper

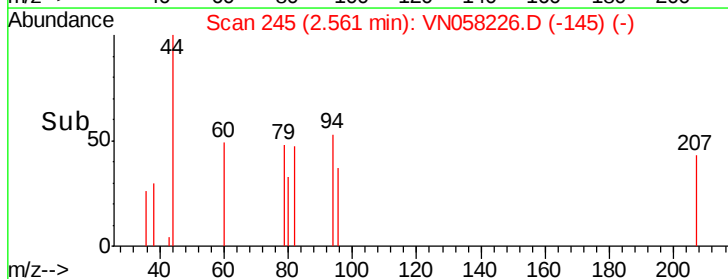
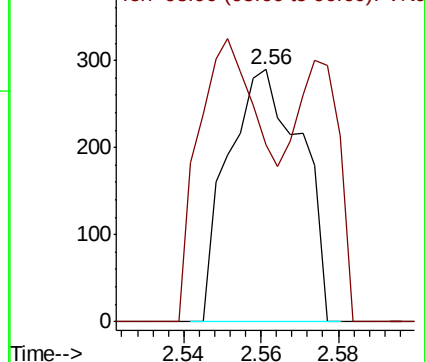
94 100

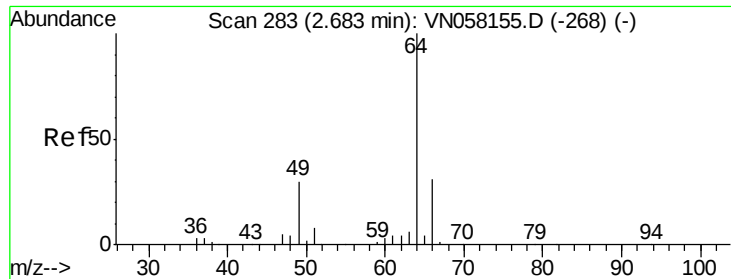
96 7.2 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0





#6

Chloroethane

Concen: Below Cal

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

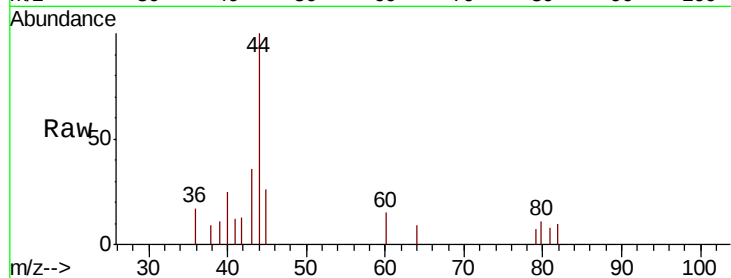
ClientSampled :

Tot Ion: 64 Resp: 147

Ion Ratio Lower Upper

64 100

66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN058155.D (-268) (-)

Ion 65.90 (65.60 to 66.60): VN058155.D (-268) (-)

2.69

200

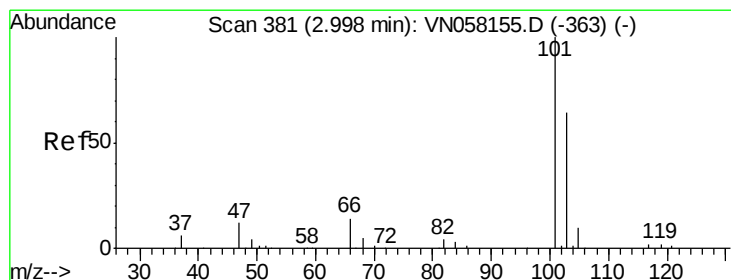
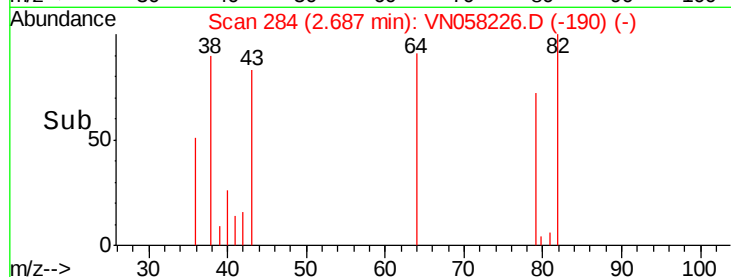
150

100

50

0

Time-->



#7

Trichlorofluoromethane

Concen: 0.261 ug/l

RT: 3.00 min Scan# 382

Delta R.T. 0.00 min

Lab File: VN058226.D

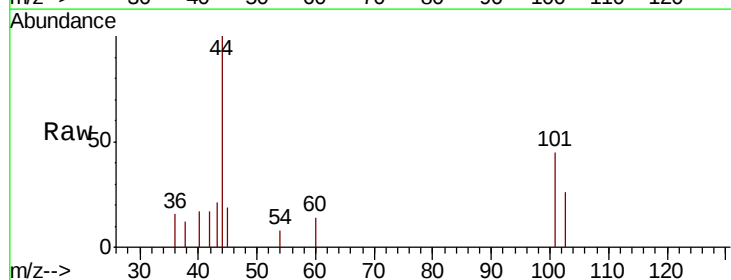
Acq: 19 Sep 2019 23:40

Tgt Ion: 101 Resp: 1502

Ion Ratio Lower Upper

101 100

103 59.0 51.0 76.6



Abundance Ion 100.90 (100.60 to 101.60): VN058155.D (-363) (-)

Ion 102.80 (102.50 to 103.50): VN058155.D (-363) (-)

3.00

1000

800

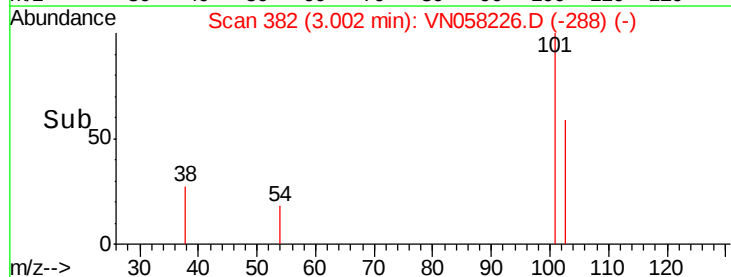
600

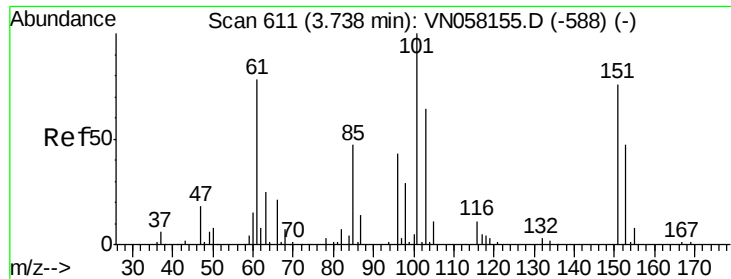
400

200

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.814 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.01 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

ClientSampleId :

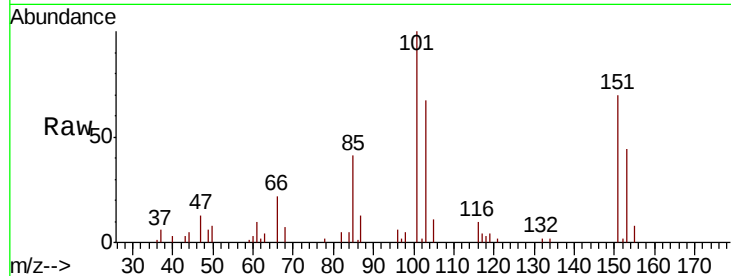
Tot Ion:101 Resp: 36623

Ion Ratio Lower Upper

101 100

85 44.8 37.3 55.9

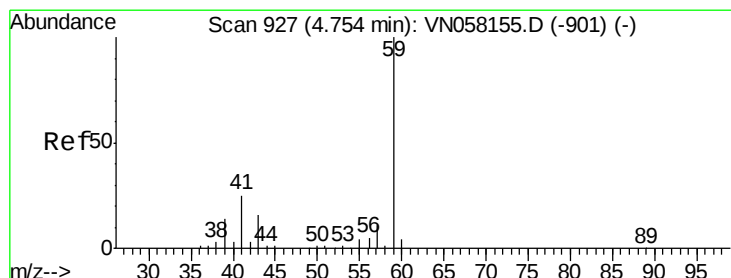
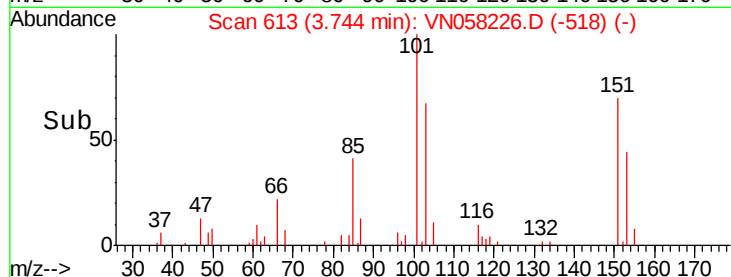
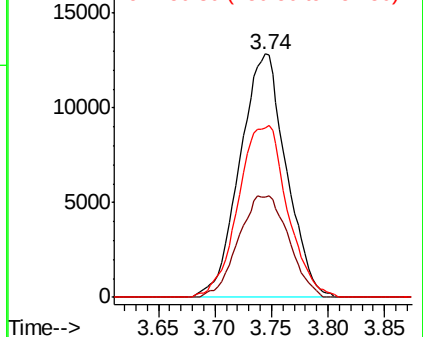
151 74.8 59.6 89.4



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: 0.451 ug/l

RT: 4.76 min Scan# 929

Delta R.T. 0.01 min

Lab File: VN058226.D

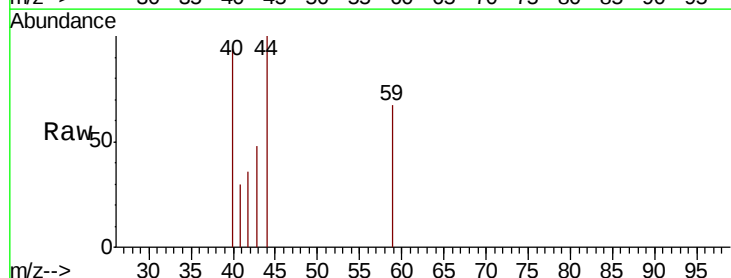
Acq: 19 Sep 2019 23:40

Tgt Ion: 59 Resp: 384

Ion Ratio Lower Upper

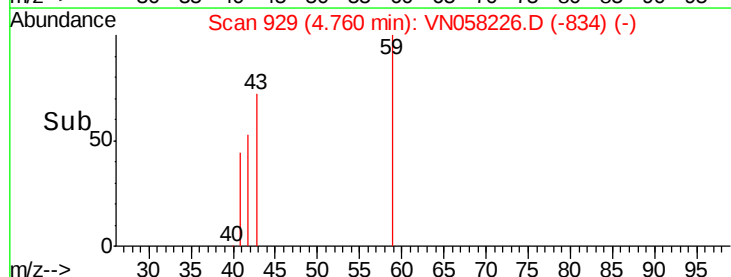
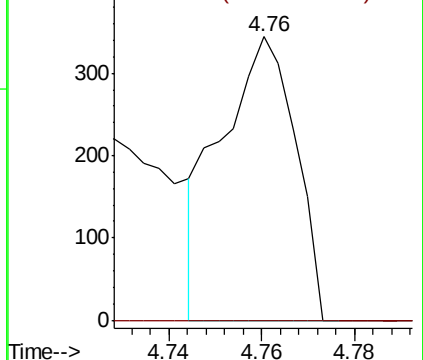
59 100

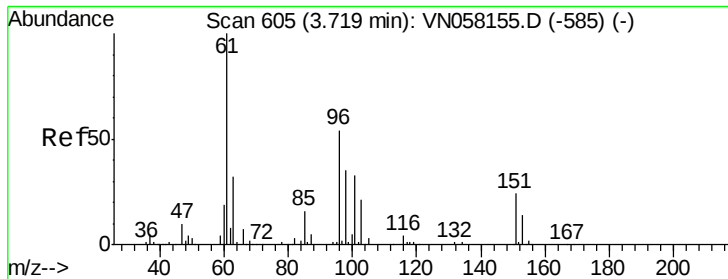
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#12

1,1-Dichloroethene

Concen: 1.322 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

ClientSampled :

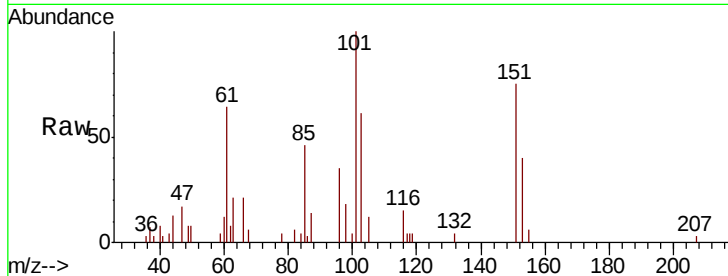
Tot Ion: 96 Resp: 5263

Ion Ratio Lower Upper

96 100

61 181.0 149.5 224.3

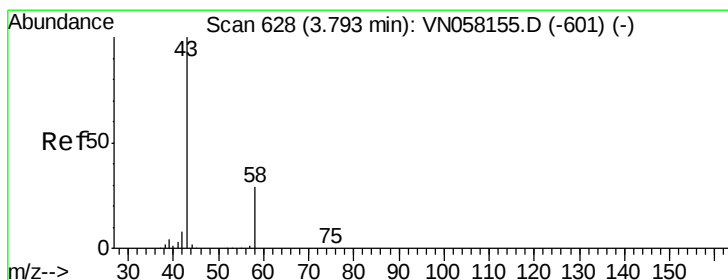
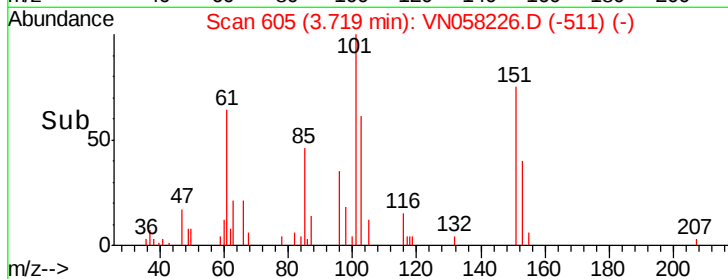
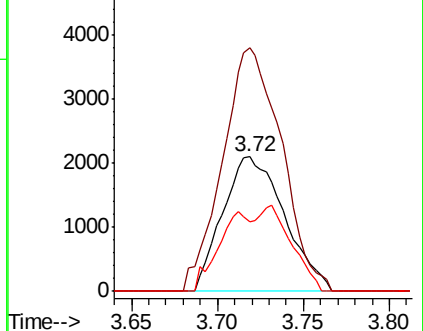
98 51.6 52.4 78.6#



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



#16

Acetone

Concen: 7.640 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058226.D

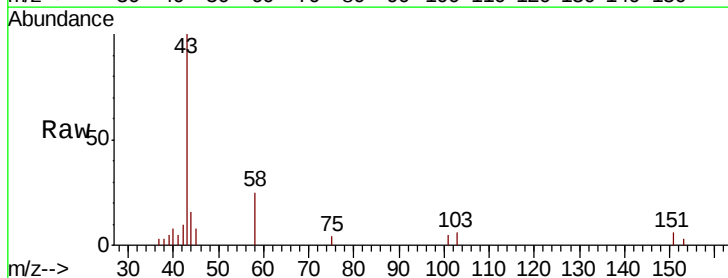
Acq: 19 Sep 2019 23:40

Tgt Ion: 43 Resp: 18565

Ion Ratio Lower Upper

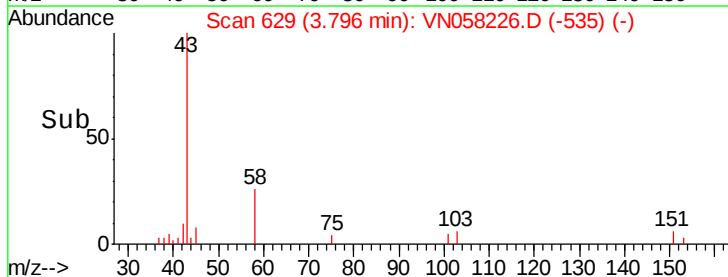
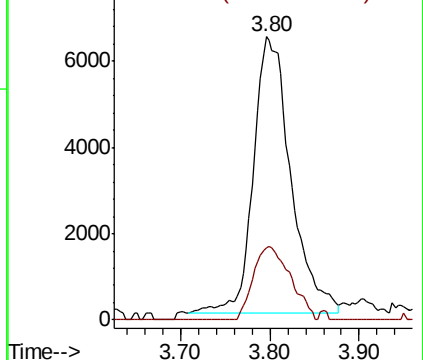
43 100

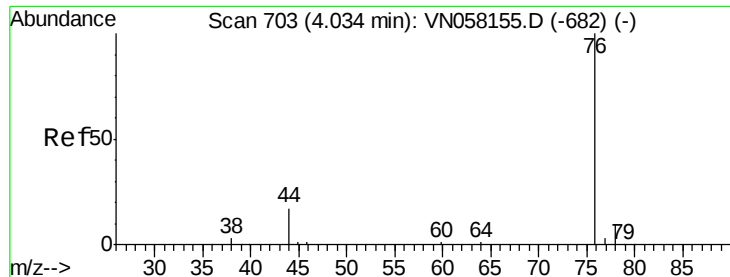
58 26.1 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

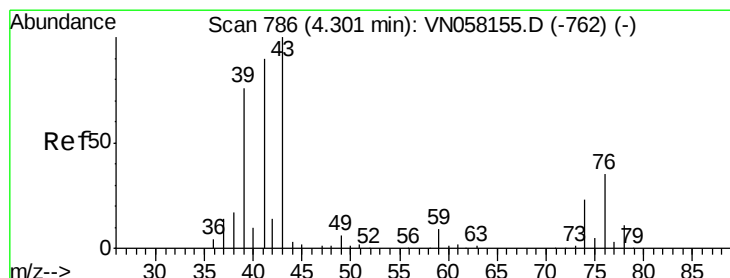
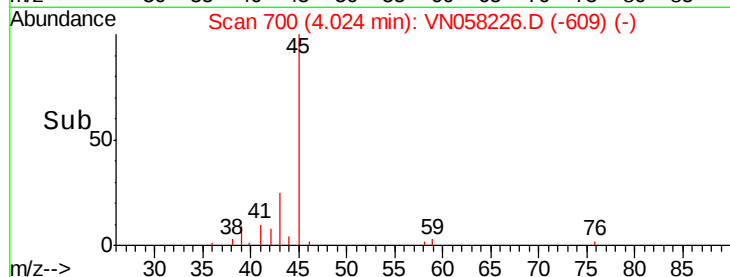
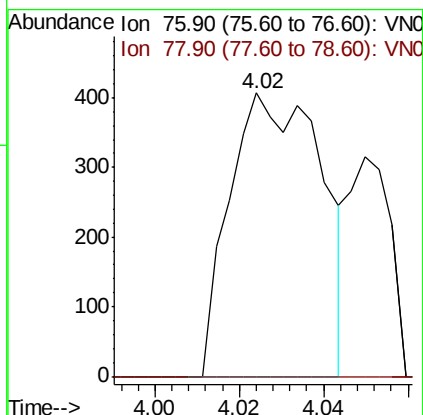
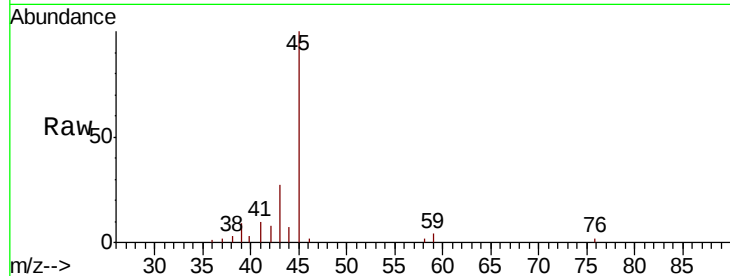




#17
Carbon Disulfide
Concen: 0.409 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.01 min
Lab File: VN058226.D
Acq: 19 Sep 2019 23:40

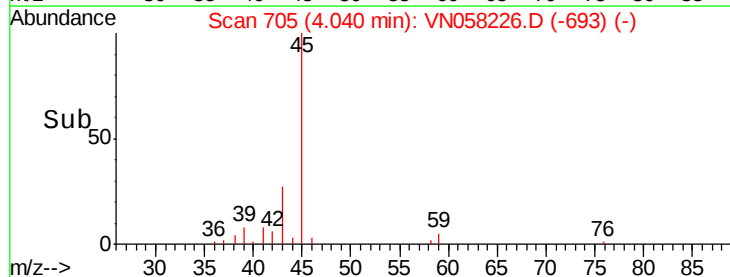
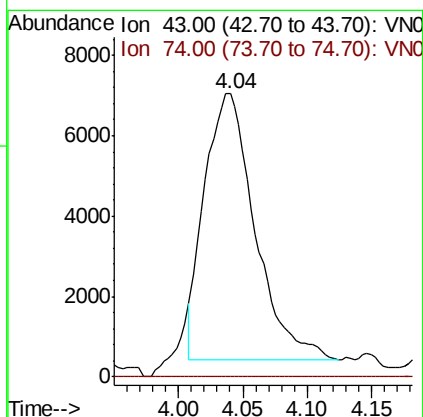
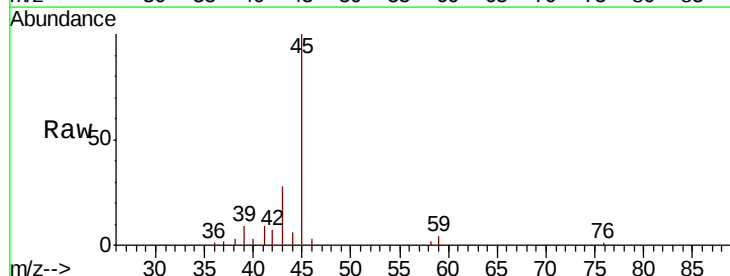
Instrument :
MSVOA_N
ClientSampled :

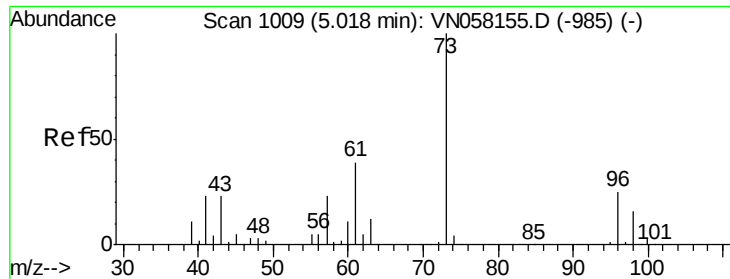
Tot Ion: 76 Resp: 617
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: 2.822 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.26 min
Lab File: VN058226.D
Acq: 19 Sep 2019 23:40

Tgt Ion: 43 Resp: 18043
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 5.02 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

ClientSampled :

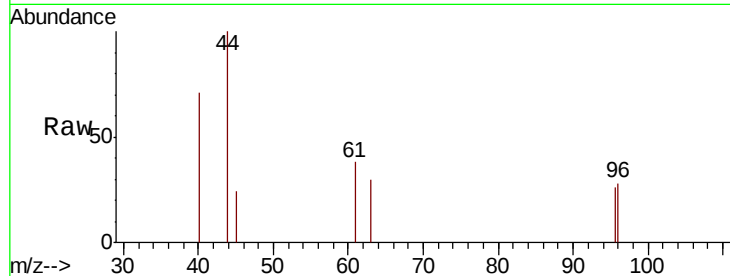
Tot Ion: 96 Resp: 196

Ion Ratio Lower Upper

96 100

61 4.5 122.2 183.4#

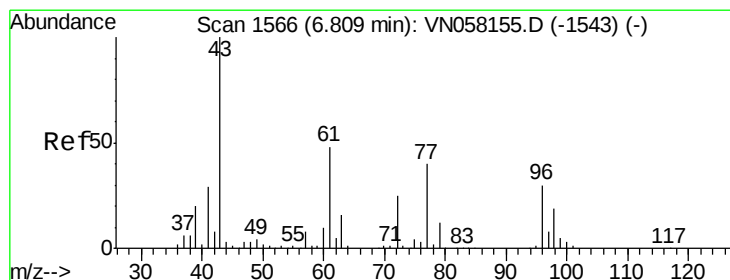
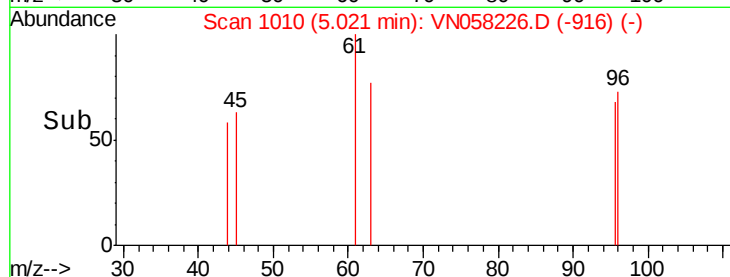
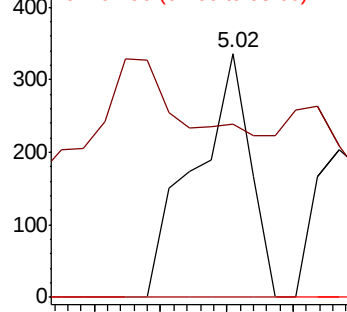
98 0.0 49.9 74.9#



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: 3.075 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

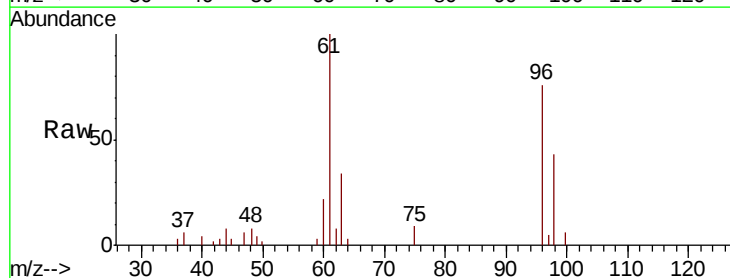
Tgt Ion: 96 Resp: 16029

Ion Ratio Lower Upper

96 100

61 138.5 0.0 319.0

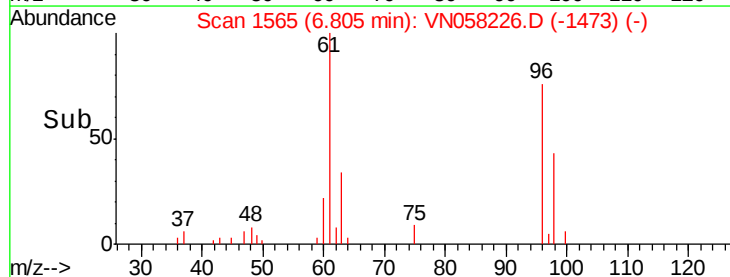
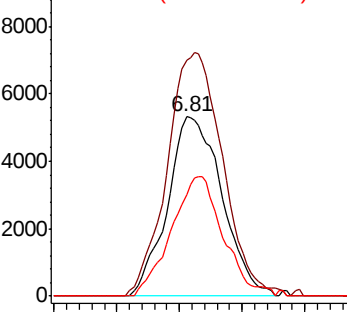
98 63.5 0.0 126.6

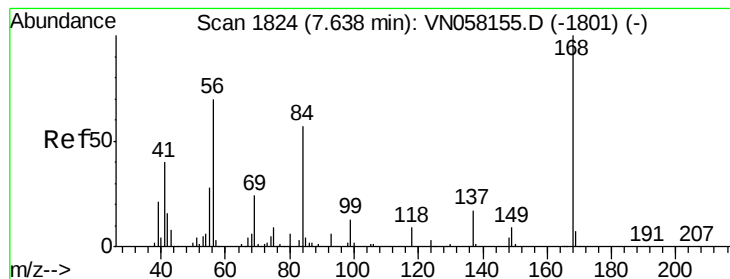


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1829

Delta R.T. 0.02 min

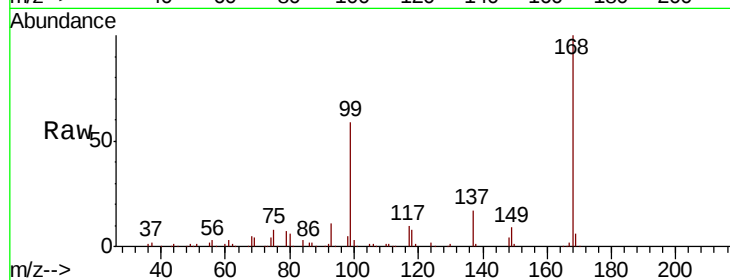
Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

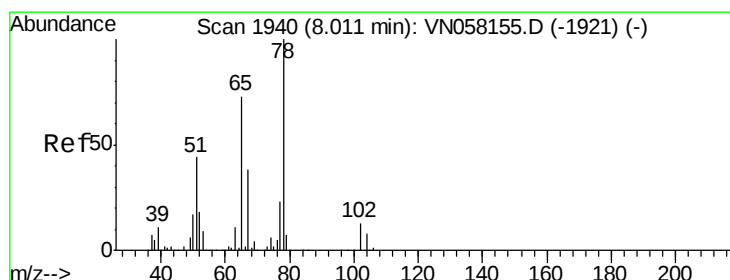
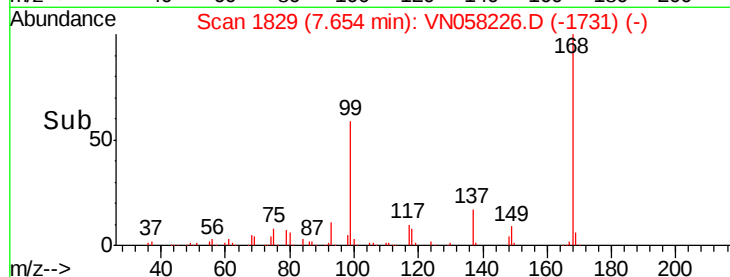
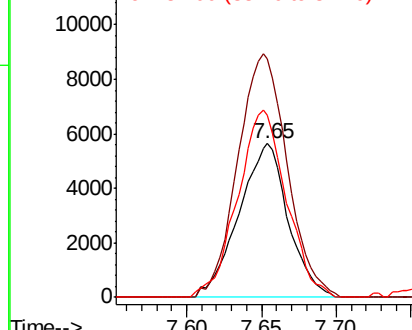
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 12905

Ion	Ratio	Lower	Upper
56	100		
69	155.4	27.3	40.9#
84	118.9	65.0	97.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.644 ug/l

RT: 8.01 min Scan# 1941

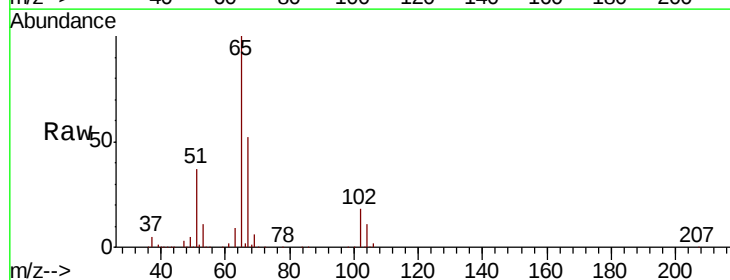
Delta R.T. 0.00 min

Lab File: VN058226.D

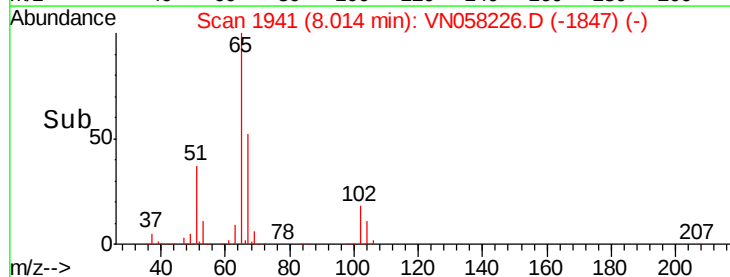
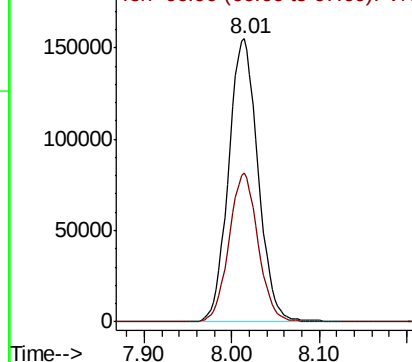
Acq: 19 Sep 2019 23:40

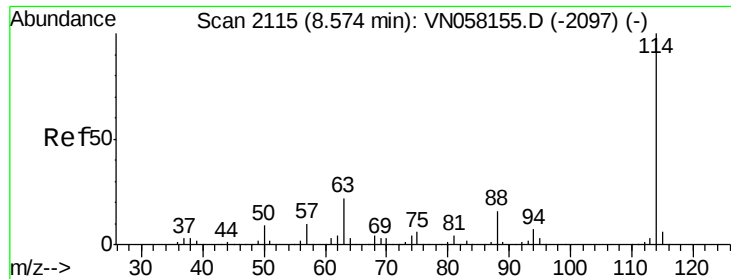
Tgt Ion: 65 Resp: 362548

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

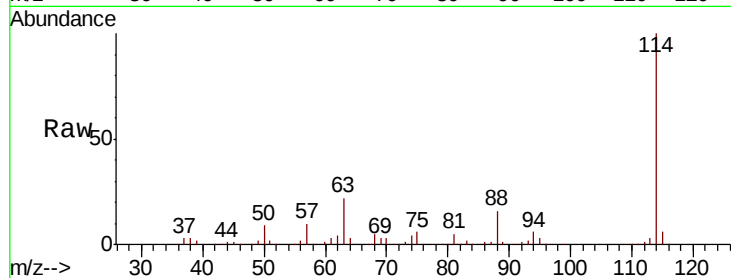




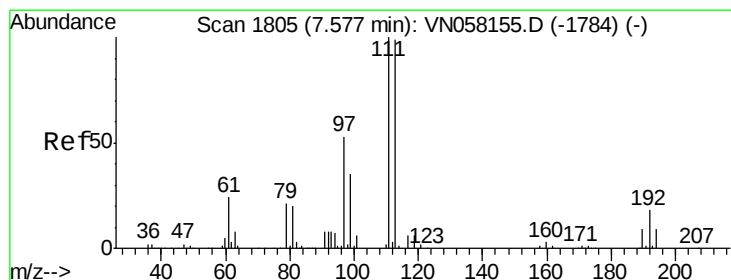
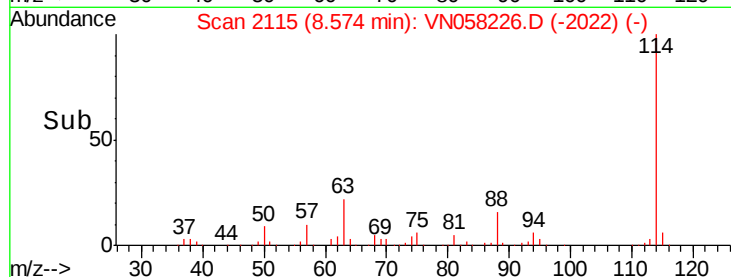
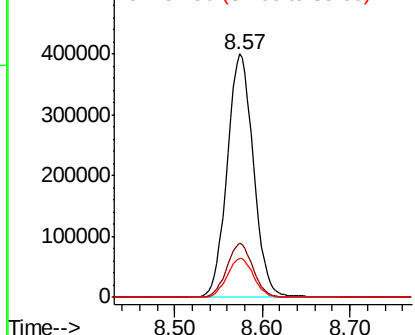
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058226.D
 Acq: 19 Sep 2019 23:40

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 832879
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.2
 88 15.9 0.0 31.6

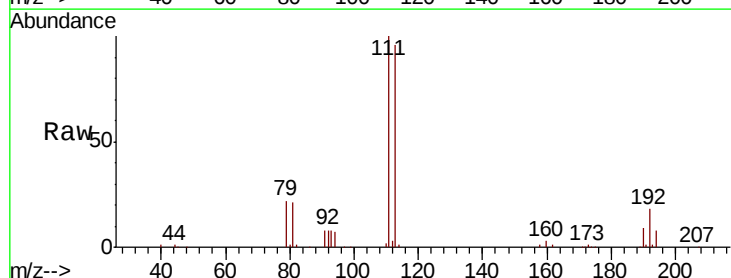


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

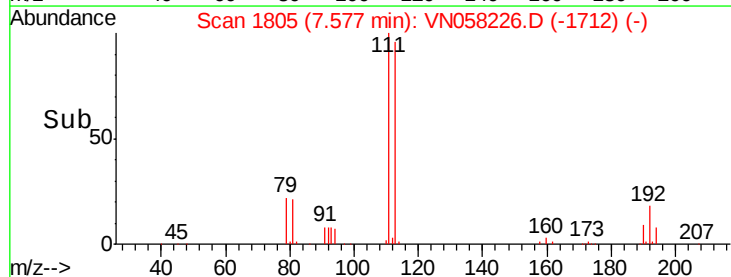
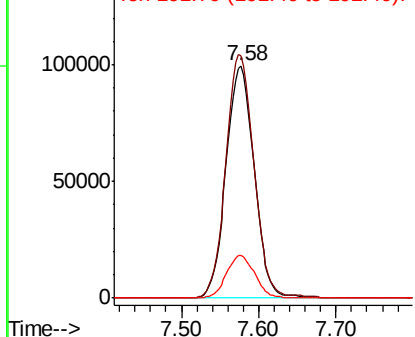


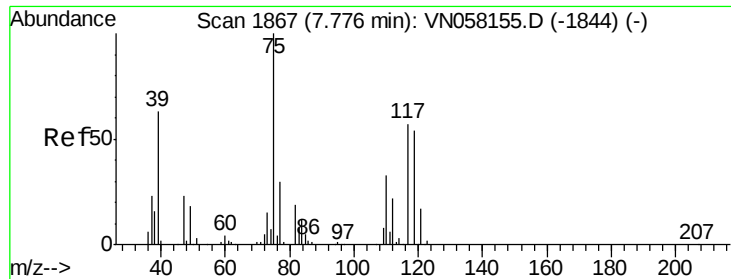
#35
 Dibromofluoromethane
 Concen: 49.739 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN058226.D
 Acq: 19 Sep 2019 23:40

Tgt Ion:113 Resp: 251839
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.6
 192 18.3 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

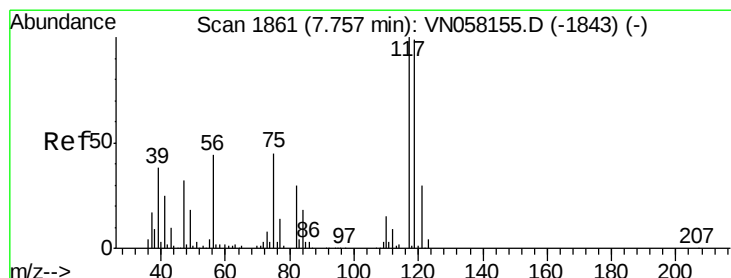
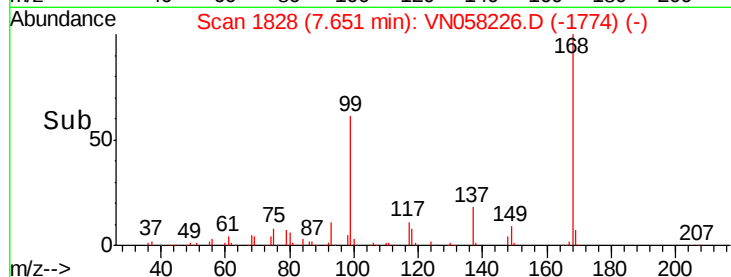
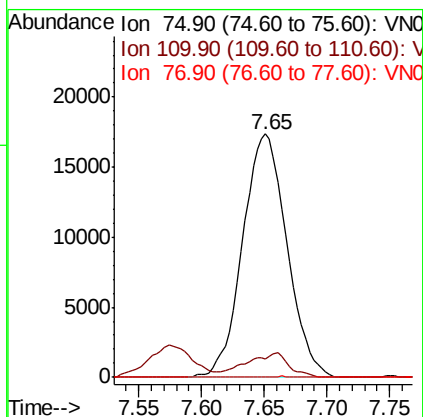
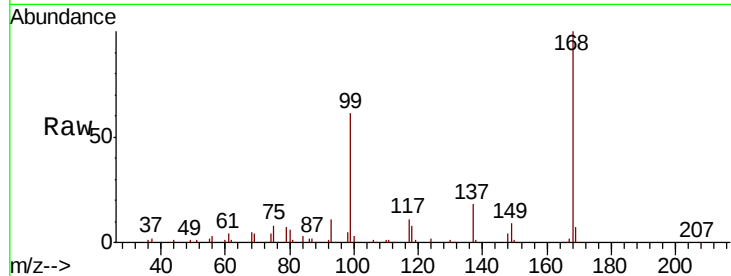




#36
 1,1-Dichloropropene
 Concen: 7.087 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058226.D
 Acq: 19 Sep 2019 23:40

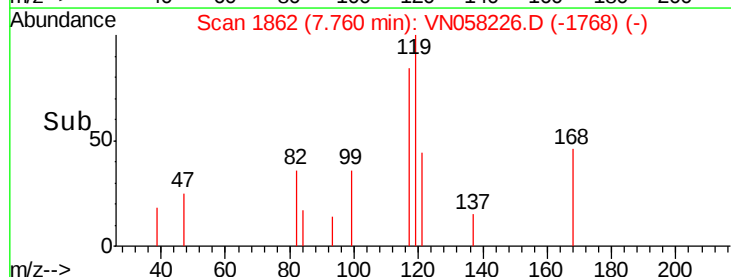
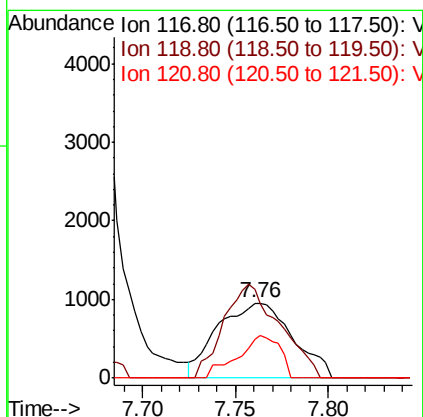
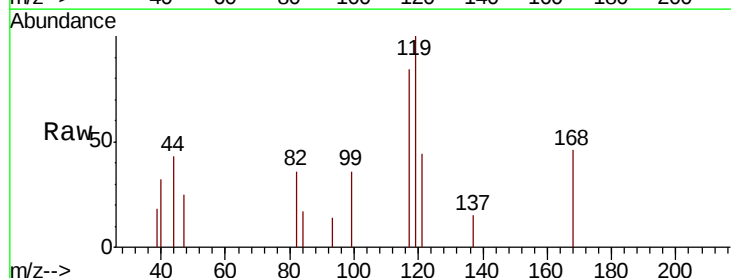
Instrument :
 MSVOA_N
 ClientSampled :

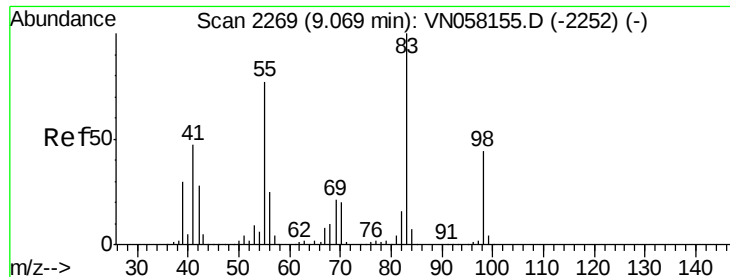
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.8	16.6	49.7#
77	0.1	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 0.443 ug/l
 RT: 7.76 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VN058226.D
 Acq: 19 Sep 2019 23:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	118.6	78.6	117.8#
121	51.8	24.1	36.1#

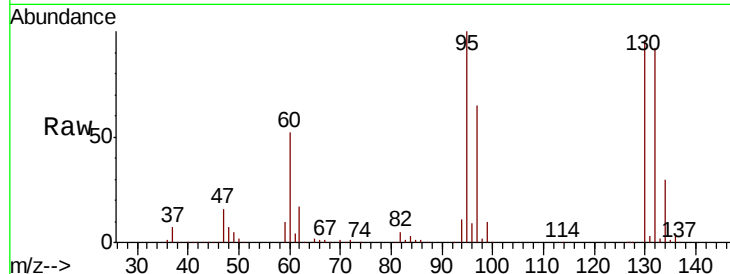




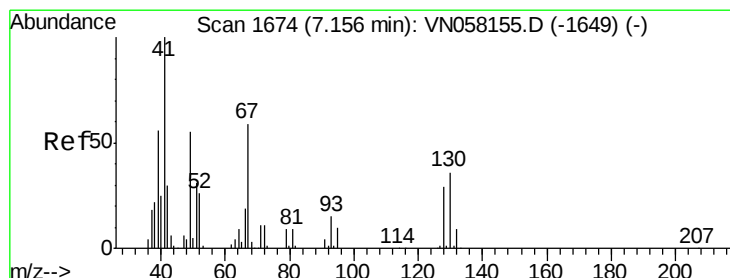
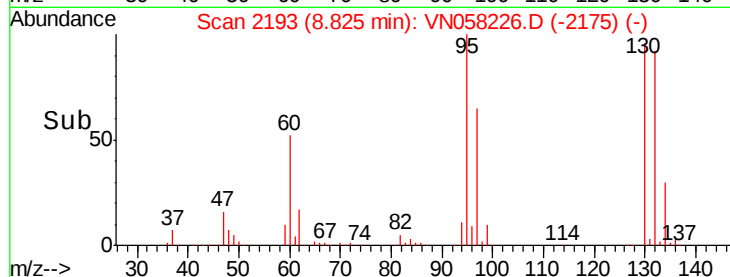
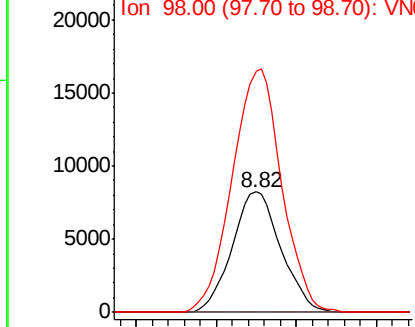
#39
Methylcyclohexane
Concen: 3.021 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.24 min
Lab File: VN058226.D
Acq: 19 Sep 2019 23:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 17158
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 197.8 35.4 53.2#



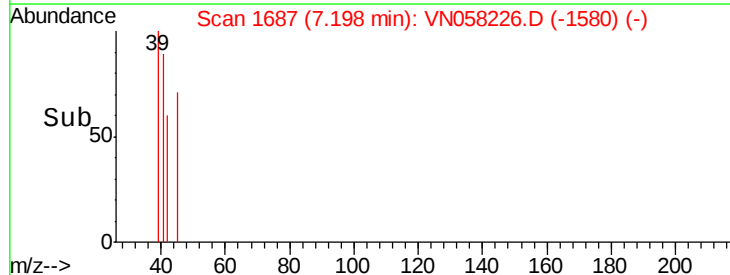
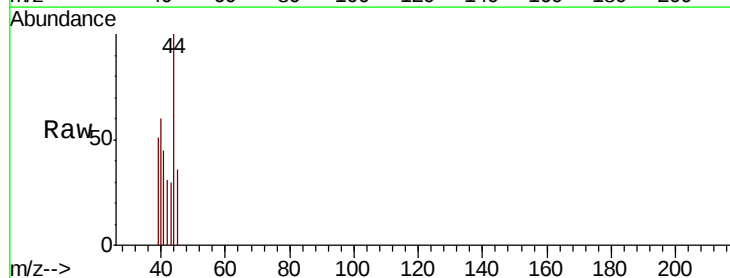
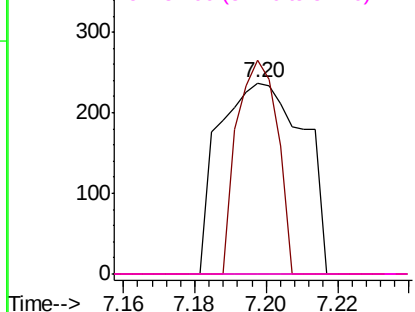
Abundance Ion 83.00 (82.70 to 83.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

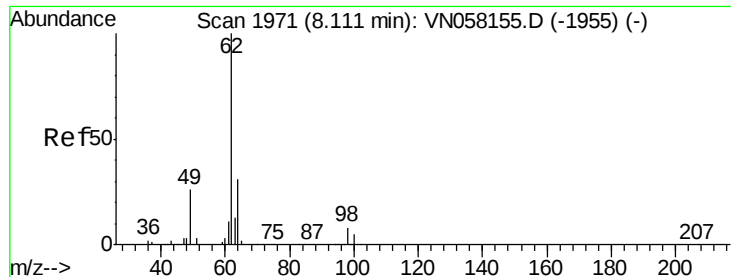


#41
Methacrylonitrile
Concen: 1.033 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN058226.D
Acq: 19 Sep 2019 23:40

Tgt Ion: 41 Resp: 390
Ion Ratio Lower Upper
41 100
39 53.3 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: 0.250 ug/l

RT: 8.11 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

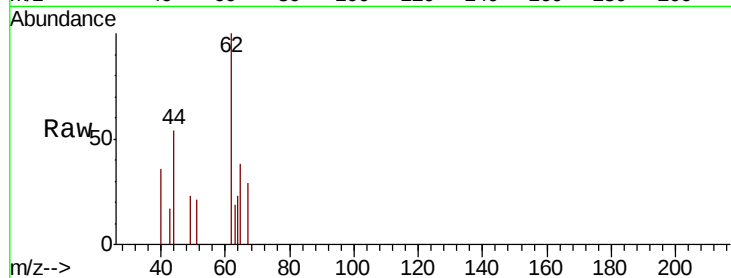
ClientSampleId :

Tot Ion: 62 Resp: 1928

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

8.11

1200

1000

800

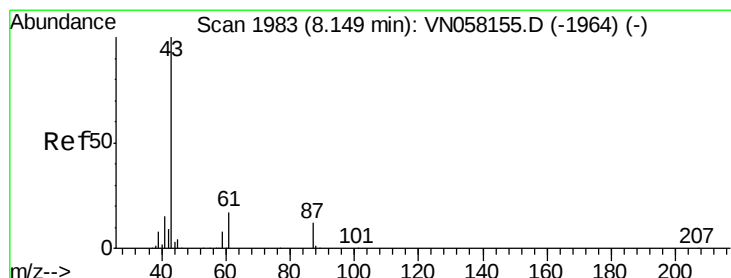
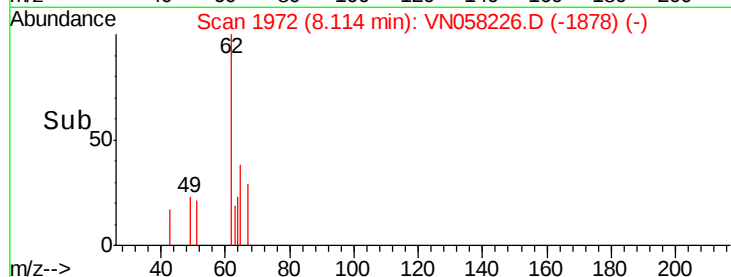
600

400

200

0

Time--> 8.05 8.10 8.15



#43

Isopropyl Acetate

Concen: 1.982 ug/l

RT: 8.25 min Scan# 2014

Delta R.T. 0.10 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

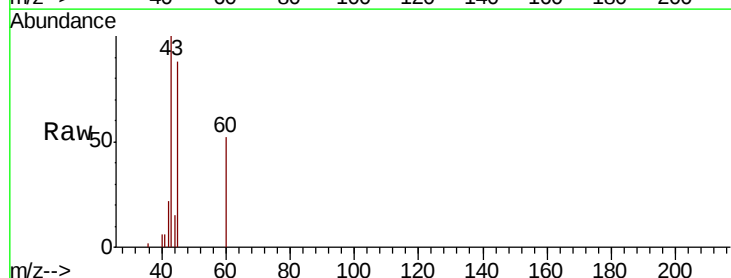
Tgt Ion: 43 Resp: 23070

Ion Ratio Lower Upper

43 100

61 0.0 19.7 29.5#

87 0.0 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

12000

10000

8000

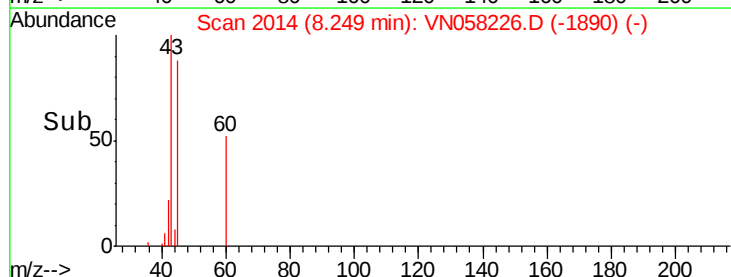
6000

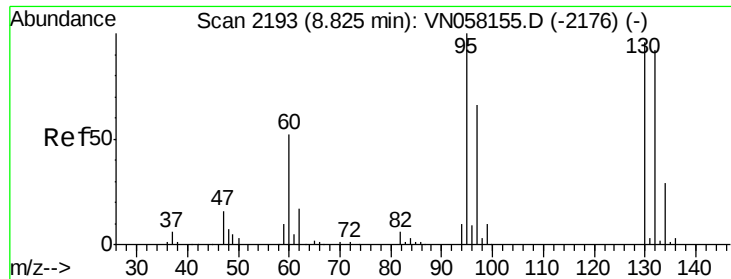
4000

2000

0

Time--> 8.15 8.20 8.25

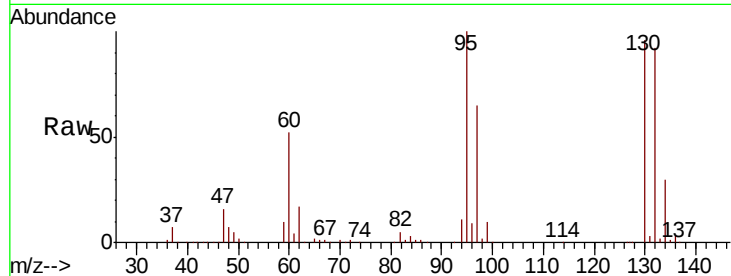




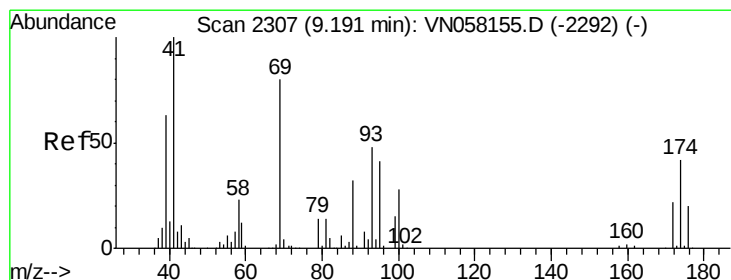
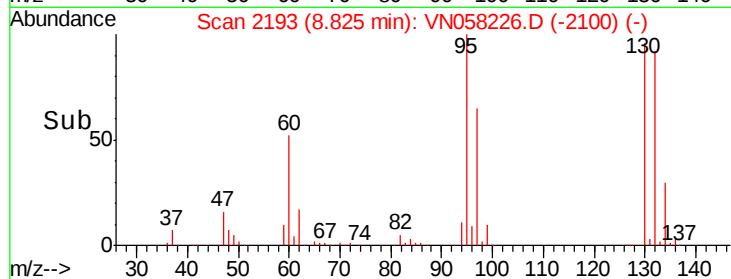
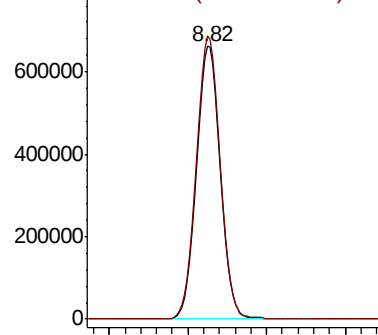
#44
 Trichloroethene
 Concen: 306.660 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VN058226.D
 Acq: 19 Sep 2019 23:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:130 Resp: 1376693
 Ion Ratio Lower Upper
 130 100
 95 103.7 0.0 207.8

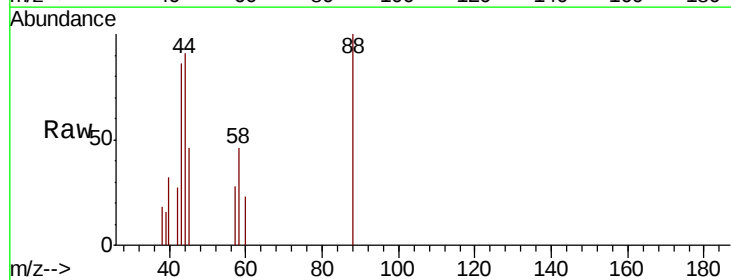


Abundance Ion 129.80 (129.50 to 130.50): VN058155.D (-2176) (-)
 Ion 94.90 (94.60 to 95.60): VN058155.D (-2176) (-)

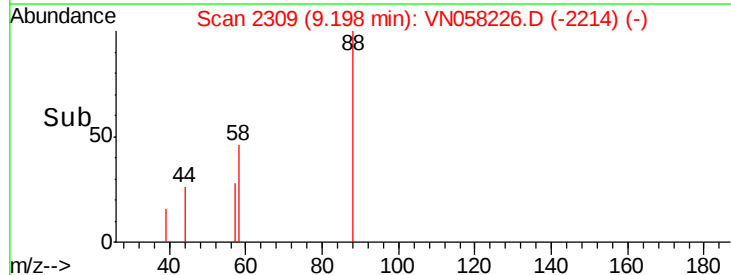
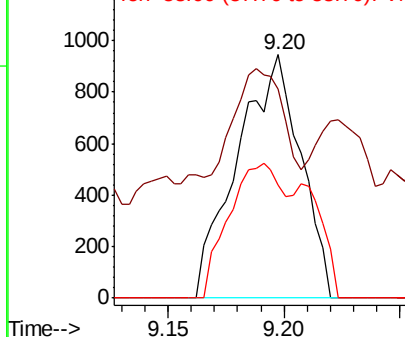


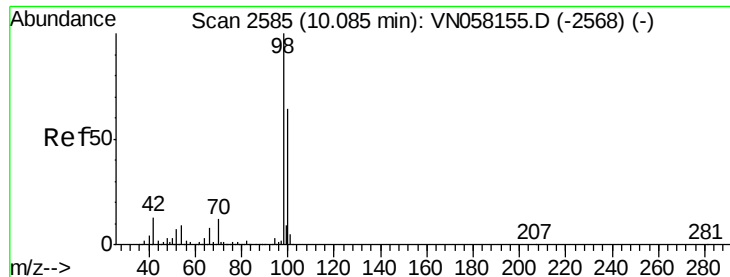
#49
 1,4-Dioxane
 Concen: 20.581 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: VN058226.D
 Acq: 19 Sep 2019 23:40

Tgt Ion: 88 Resp: 1786
 Ion Ratio Lower Upper
 88 100
 43 37.5 27.8 41.8
 58 47.0 55.0 82.4#



Abundance Ion 88.00 (87.70 to 88.70): VN058155.D (-2292) (-)
 Ion 43.00 (42.70 to 43.70): VN058155.D (-2292) (-)
 Ion 58.00 (57.70 to 58.70): VN058155.D (-2292) (-)





#50

Toluene-d8

Concen: 53.466 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

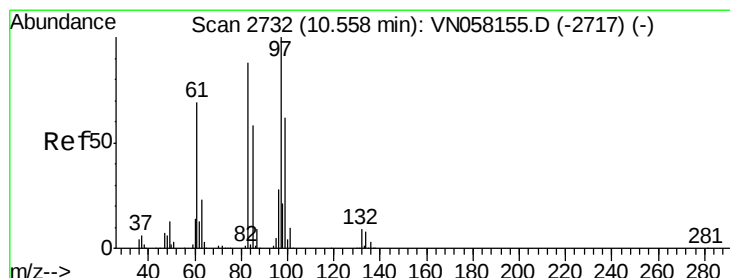
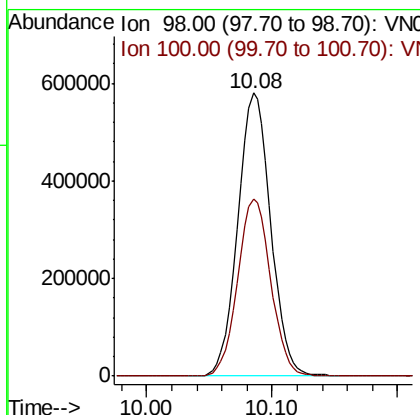
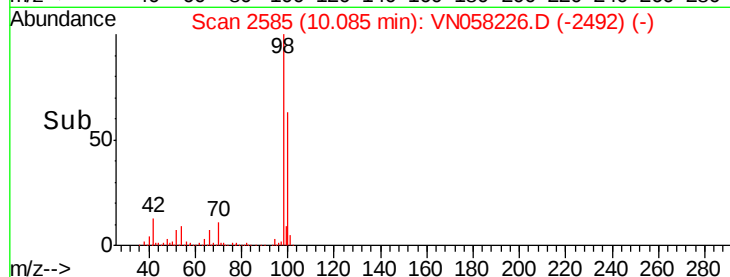
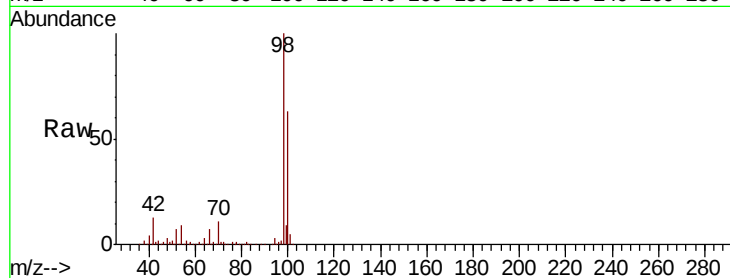
ClientSampleId :

Tot Ion: 98 Resp: 1054749

Ion Ratio Lower Upper

98 100

100 63.1 51.1 76.7



#55

1,1,2-Trichloroethane

Concen: 0.232 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.01 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Tgt Ion: 97 Resp: 1185

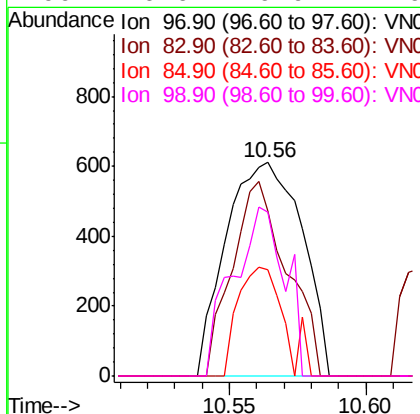
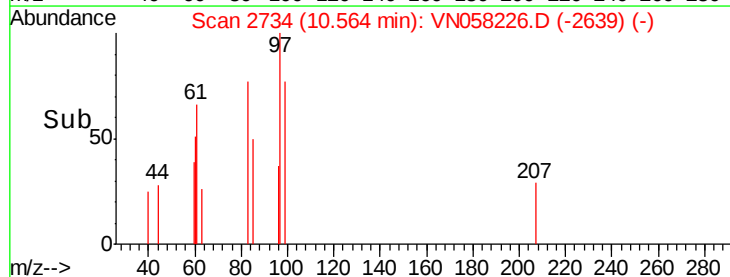
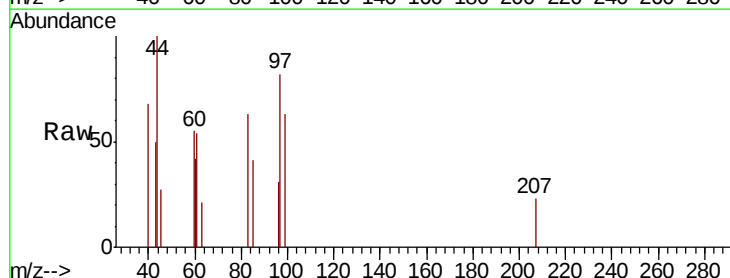
Ion Ratio Lower Upper

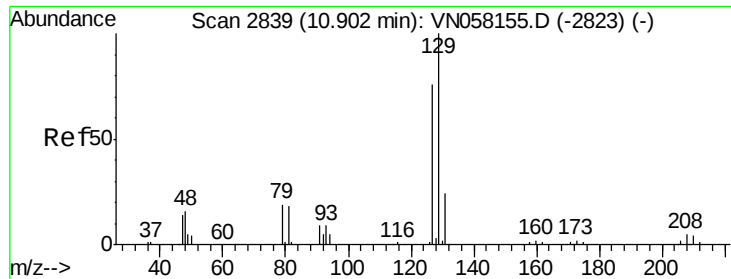
97 100

83 77.3 70.4 105.6

85 49.9 46.8 70.2

99 76.6 49.9 74.9#

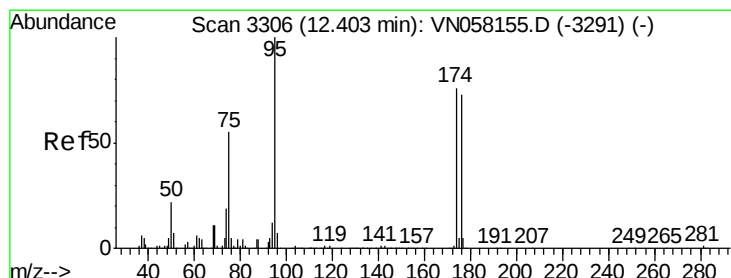
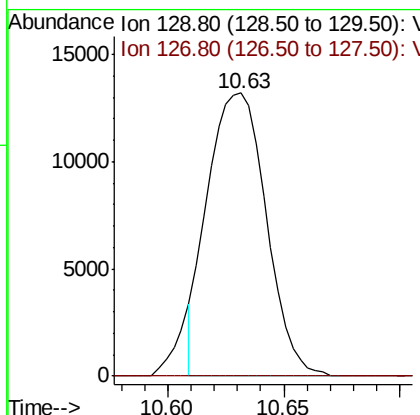
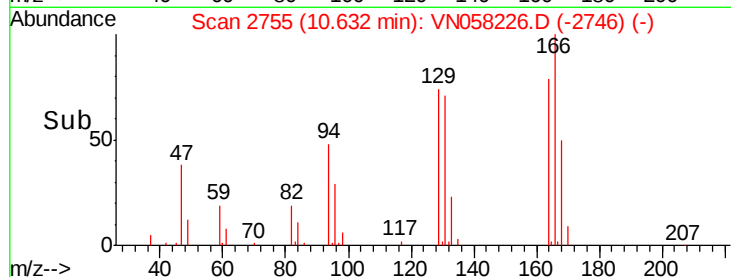
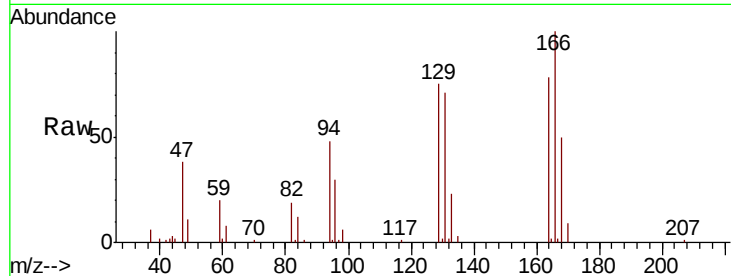




#60
Dibromochloromethane
Concen: 4.710 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN058226.D
Acq: 19 Sep 2019 23:40

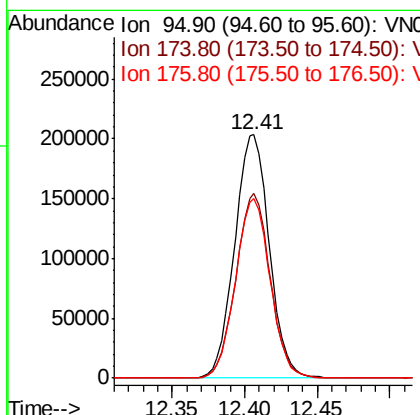
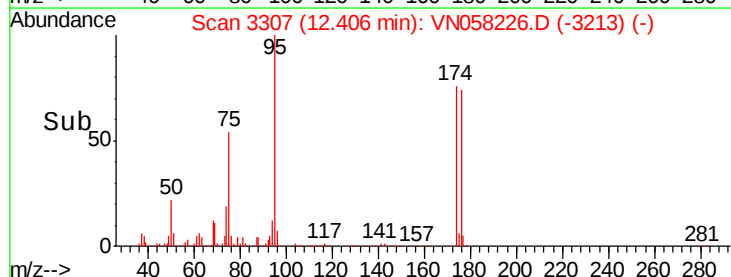
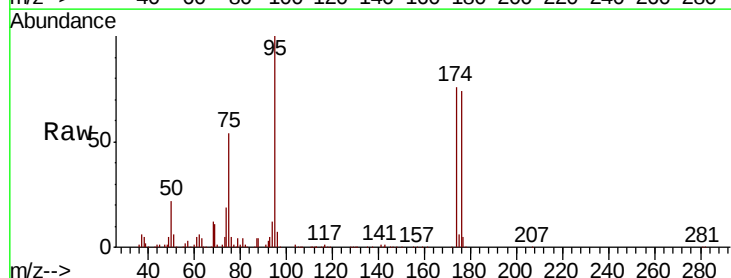
Instrument :
MSVOA_N
ClientSampleId :

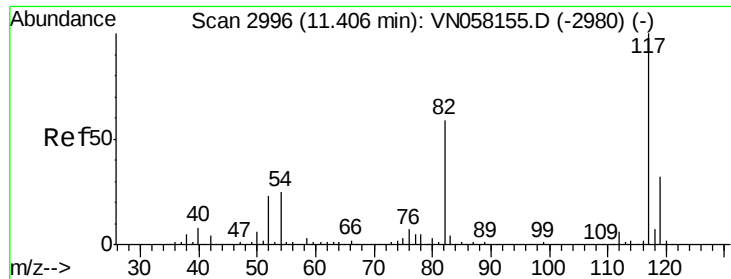
Tot Ion:129 Resp: 23119
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 46.155 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058226.D
Acq: 19 Sep 2019 23:40

Tgt Ion: 95 Resp: 338225
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.2
176 73.7 0.0 148.0

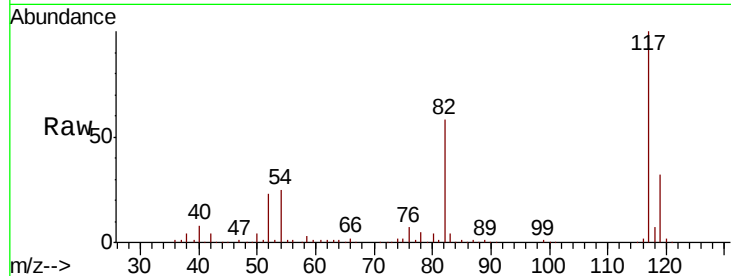




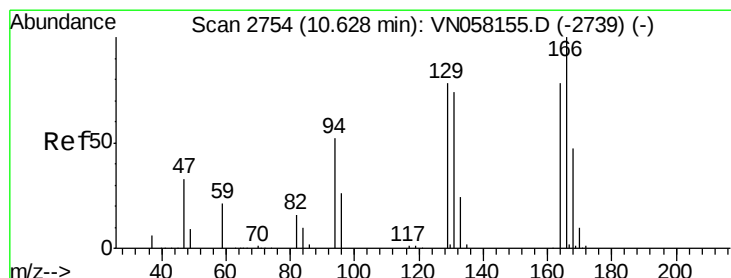
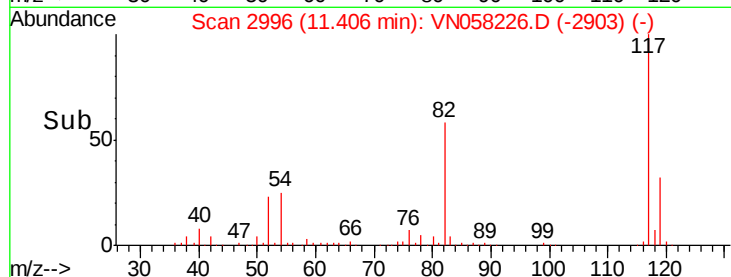
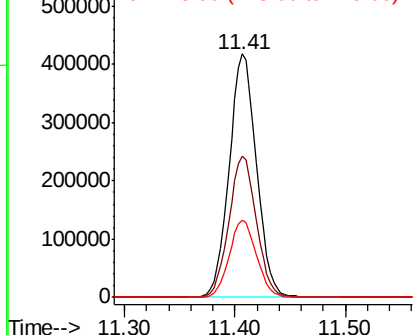
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058226.D
Acq: 19 Sep 2019 23:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 716733
Ion Ratio Lower Upper
117 100
82 57.9 46.9 70.3
119 31.7 25.3 37.9

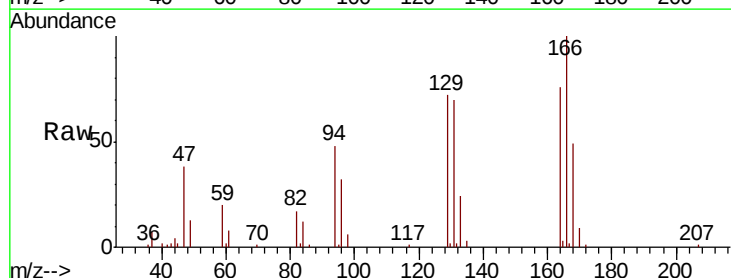


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

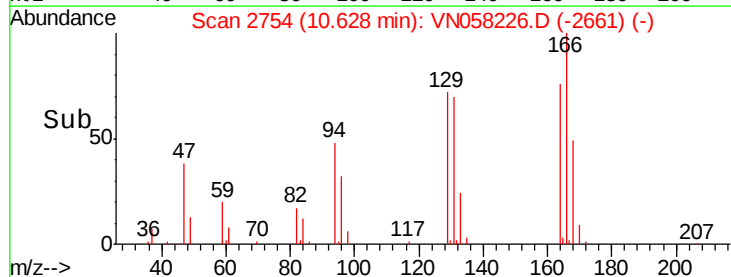
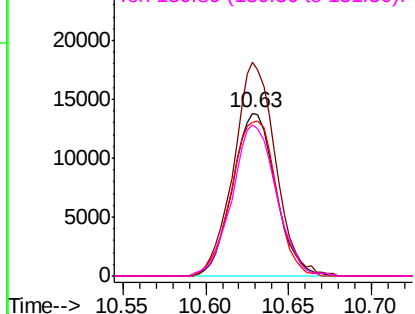


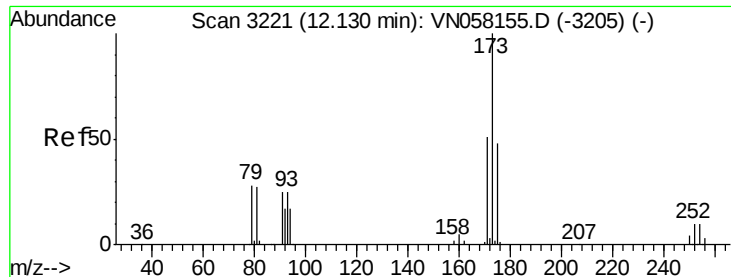
#64
Tetrachloroethene
Concen: 7.144 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058226.D
Acq: 19 Sep 2019 23:40

Tgt Ion:164 Resp: 24959
Ion Ratio Lower Upper
164 100
166 131.2 102.2 153.4
129 94.5 79.6 119.4
131 92.5 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





#71

Bromoform

Concen: 3.610 ug/l

RT: 12.39 min Scan# 3301

Delta R.T. 0.26 min

Lab File: VN058226.D

Acq: 19 Sep 2019 23:40

Instrument :

MSVOA_N

ClientSampled :

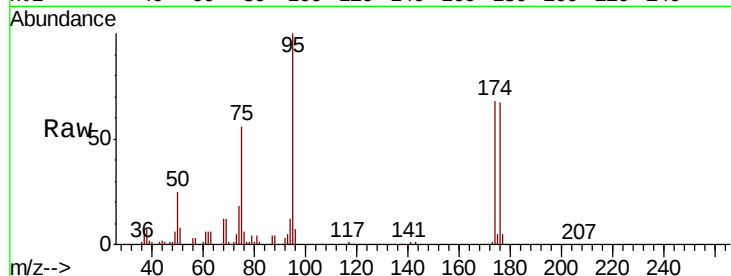
Tot Ion:173 Resp: 54

Ion Ratio Lower Upper

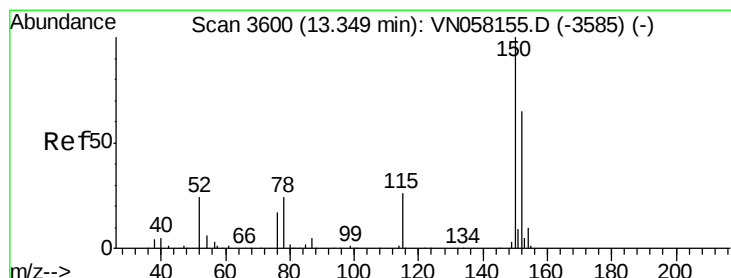
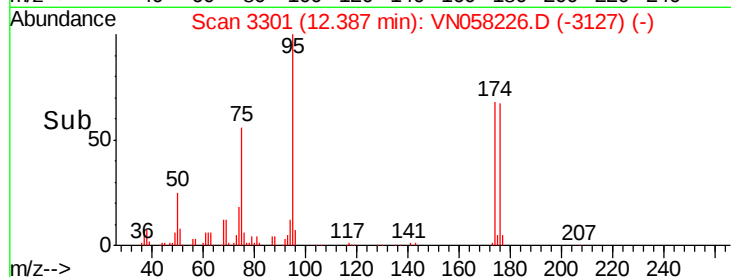
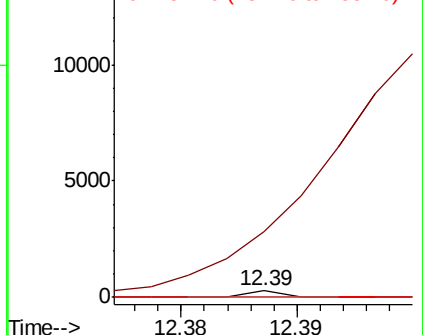
173 100

175 0.0 24.2 72.6#

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: VN058226.D

Acq: 19 Sep 2019 23:40

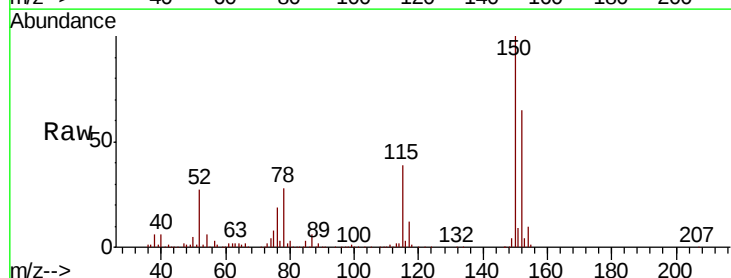
Tgt Ion:152 Resp: 296483

Ion Ratio Lower Upper

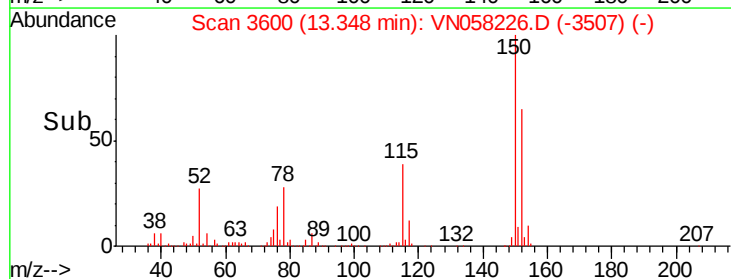
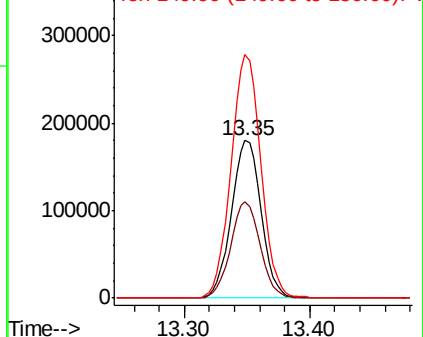
152 100

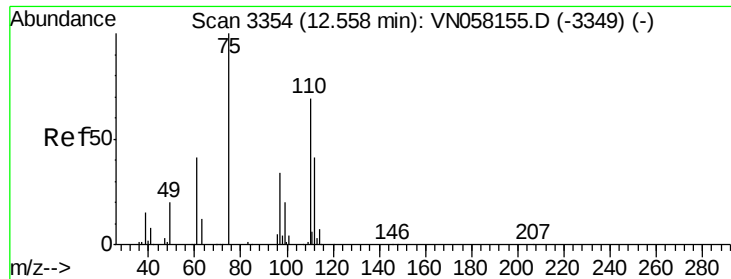
115 60.8 30.1 90.3

150 155.4 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

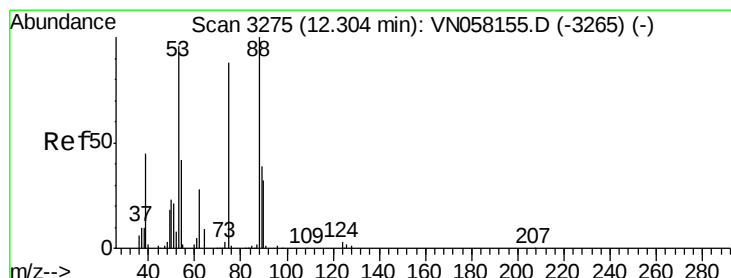
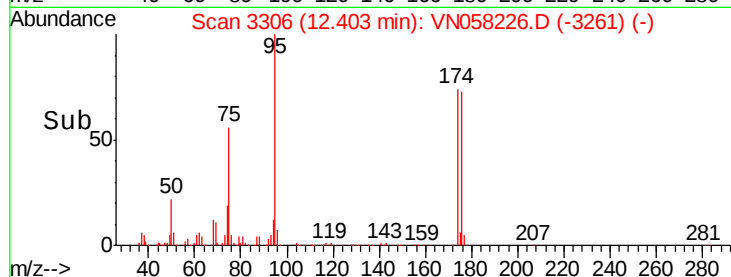
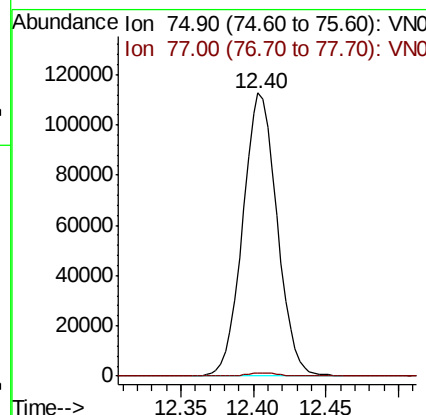
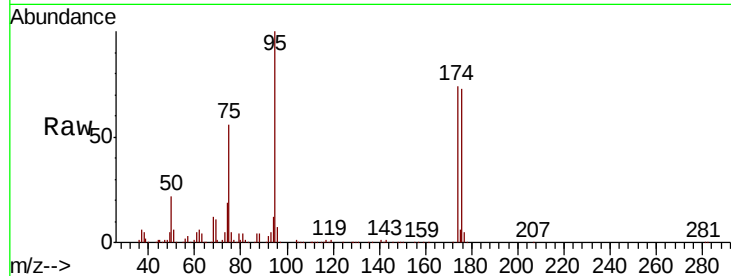




#76
 1,2,3-Trichloropropane
 Concen: 34.907 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN058226.D
 Acq: 19 Sep 2019 23:40

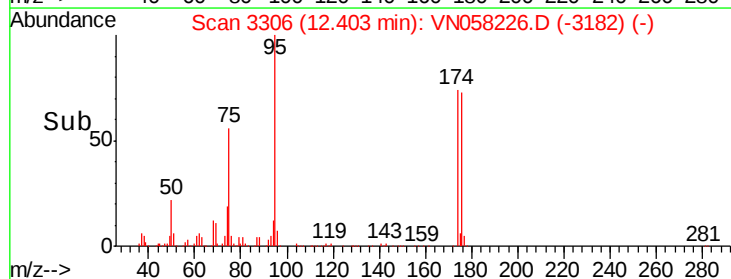
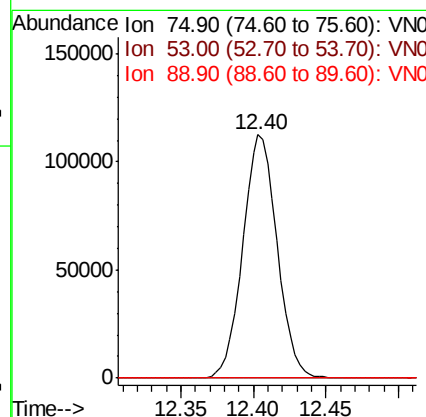
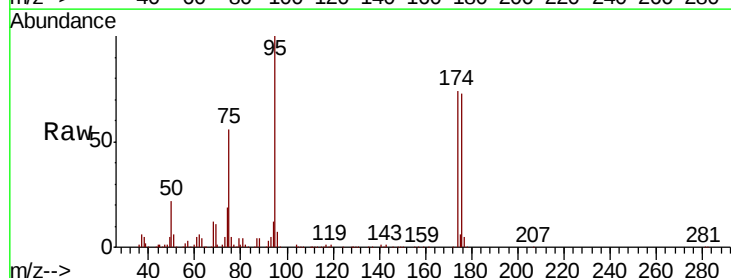
Instrument :
 MSVOA_N
 ClientSampled :

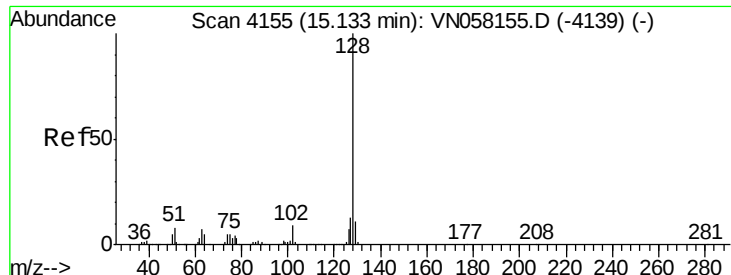
Tot Ion: 75 Resp: 185223
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.664 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN058226.D
 Acq: 19 Sep 2019 23:40

Tgt Ion: 75 Resp: 185223
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.1 135.1#
 89 0.0 36.2 54.2#





#95
Naphthalene
Concen: 0.265 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058226.D
Acq: 19 Sep 2019 23:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 3749
Ion Ratio Lower Upper
128 100
127 6.1 10.2 15.2#
129 10.2 8.6 12.8

