

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062918\
 Data File : VN049631.D
 Acq On : 29 Jun 2018 13:27
 Operator : MD\SY
 Sample : I.BLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Jun 30 00:23:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:18:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1146629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1808198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1485284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	567204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	735878	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.59	113	651040	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.09	98	2428672	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
62) 4-Bromofluorobenzene	12.40	95	691561	38.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.56%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	4749	0.368 ug/l	94
3) Chloromethane	2.06	50	4734	0.293 ug/l #	72
4) Vinyl Chloride	2.18	62	5385	0.311 ug/l #	84
5) Bromomethane	2.57	94	2488	0.273 ug/l #	72
7) Trichlorofluoromethane	3.02	101	4805	0.243 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	4333	0.304 ug/l #	29
10) Methyl Iodide	3.96	142	5478	0.307 ug/l #	59
11) Tert butyl alcohol	4.79	59	244	0.281 ug/l #	72
12) 1,1-Dichloroethene	3.74	96	4811	0.357 ug/l #	68
13) Acrolein	3.61	56	4264	5.254 ug/l #	66
14) Allyl chloride	4.31	41	4371	0.236 ug/l #	49
15) Acrylonitrile	5.00	53	5560	1.239 ug/l #	59
16) Acetone	3.82	43	28708	7.655 ug/l	96
17) Carbon Disulfide	4.05	76	66128	1.620 ug/l #	94
18) Methyl Acetate	4.34	43	69912	3.064 ug/l #	73
20) Methylene Chloride	4.55	84	4930	0.316 ug/l	88
21) trans-1,2-Dichloroethene	5.04	96	9872	0.712 ug/l	93
25) 2-Butanone	6.85	43	3477	0.692 ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	4910	0.317 ug/l	46
28) Bromochloromethane	7.20	49	2544	0.227 ug/l #	99
29) Tetrahydrofuran	7.22	42	1304	0.407 ug/l #	33
31) Cyclohexane	7.67	56	24970	0.962 ug/l #	9
36) 1,1-Dichloropropene	7.79	75	8714	0.428 ug/l #	82
38) Carbon Tetrachloride	7.67	117	103838	5.247 ug/l #	17
39) Methylcyclohexane	9.08	83	8565	0.384 ug/l	92
40) Benzene	8.04	78	13099	0.211 ug/l	96
43) Isopropyl Acetate	8.22	43	83956	2.995 ug/l #	62
44) Trichloroethene	8.84	130	6837	0.365 ug/l	95
46) Dibromomethane	9.21	93	2922	0.301 ug/l	91
48) Methyl methacrylate	9.20	41	2610	0.248 ug/l #	56
49) 1,4-Dioxane	9.20	88	568	4.007 ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	10301	0.885 ug/l	95
52) Toluene	10.16	92	9995	0.266 ug/l	99
53) t-1,3-Dichloropropene	10.38	75	5640	0.285 ug/l #	38

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 Sample : I.BLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

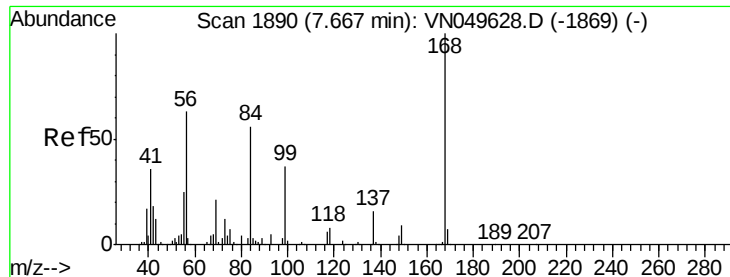
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Jun 30 00:23:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

55) 1,1,2-Trichloroethane	10.57	97	2984	0.214	ug/l #	86
56) Ethyl methacrylate	10.43	69	3615	0.221	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.70	63	2440	0.320	ug/l #	75
59) 2-Hexanone	10.76	43	16756	2.178	ug/l	85
61) 1,2-Dibromoethane	11.01	107	2826	0.211	ug/l	96
64) Tetrachloroethene	10.63	164	8387	0.417	ug/l	94
65) Chlorobenzene	11.44	112	18048	0.466	ug/l	100
67) Ethyl Benzene	11.51	91	18922	0.295	ug/l	97
68) m/p-Xylenes	11.62	106	14446	0.589	ug/l	99
69) o-Xylene	11.95	106	5657	0.241	ug/l	97
70) Styrene	11.97	104	13440	0.353	ug/l	91
73) Isopropylbenzene	12.25	105	14625	0.324	ug/l	100
74) N-amyl acetate	12.08	43	7817	0.633	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	3741	0.351	ug/l	96
76) 1,2,3-Trichloropropane	12.40	75	333409	33.859	ug/l #	100
77) Bromobenzene	12.53	156	10368	0.844	ug/l	86
78) n-propylbenzene	12.59	91	30700	0.593	ug/l	99
79) 2-Chlorotoluene	12.68	91	17858	0.545	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	14859	0.396	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	333409	124.484	ug/l #	13
82) 4-Chlorotoluene	12.78	91	28558	0.867	ug/l	95
83) tert-Butylbenzene	13.00	119	12921	0.401	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	20423	0.529	ug/l	89
85) sec-Butylbenzene	13.17	105	20359	0.476	ug/l	95
86) p-Isopropyltoluene	13.29	119	18780	0.507	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	23753	1.047	ug/l	97
88) 1,4-Dichlorobenzene	13.29	146	23753	1.049	ug/l	98
89) n-Butylbenzene	13.62	91	25282	0.798	ug/l	95
90) Hexachloroethane	13.87	117	1062	0.273	ug/l	83
91) 1,2-Dichlorobenzene	13.66	146	24716	1.121	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.27	75	2960	1.590	ug/l	75
93) 1,2,4-Trichlorobenzene	14.91	180	28871	2.844	ug/l	98
94) Hexachlorobutadiene	15.02	225	20748	2.947	ug/l	98
95) Naphthalene	15.14	128	77477	3.557	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	37474	3.588	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

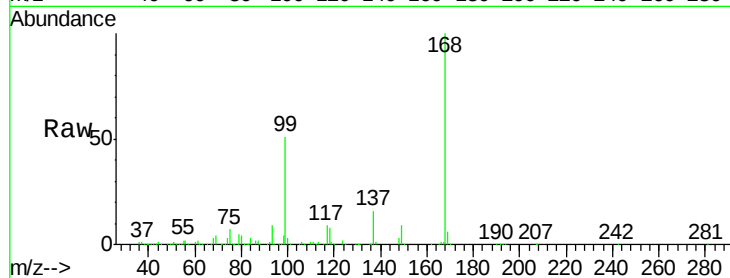
I.BLK

Tgt Ion:168 Resp: 1146629

Ion Ratio Lower Upper

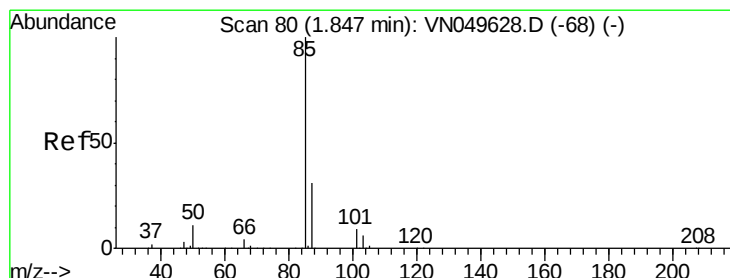
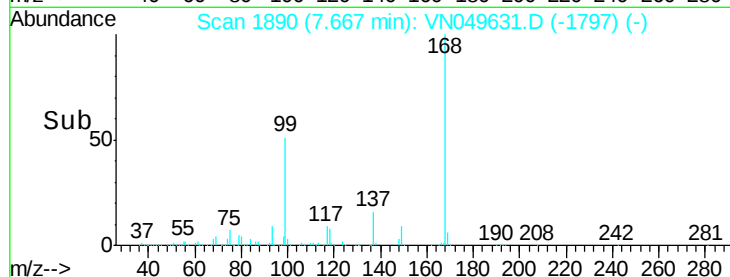
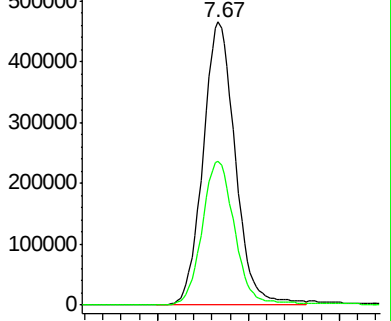
168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.368 ug/l

RT: 1.85 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN049631.D

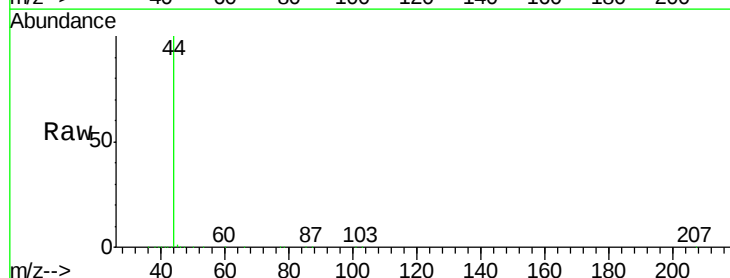
Acq: 29 Jun 2018 13:27

Tgt Ion: 85 Resp: 4749

Ion Ratio Lower Upper

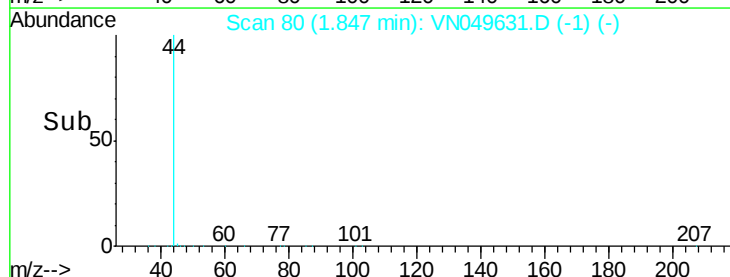
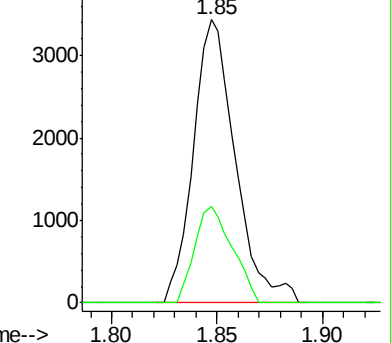
85 100

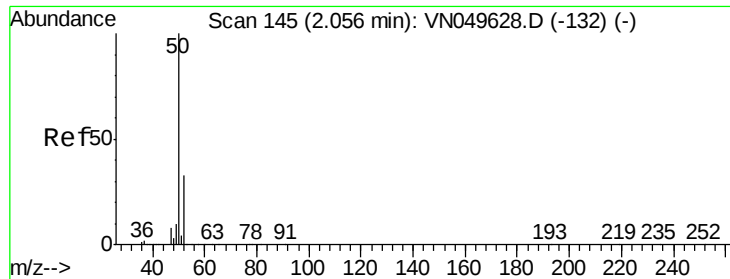
87 34.2 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 0.293 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

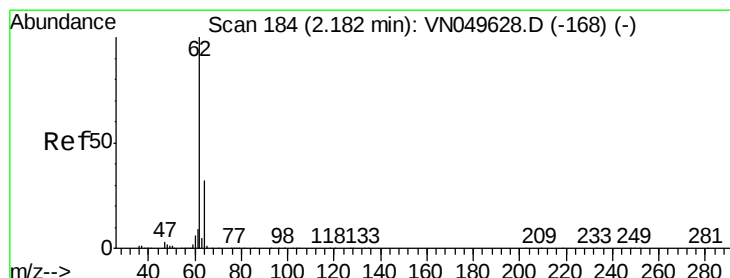
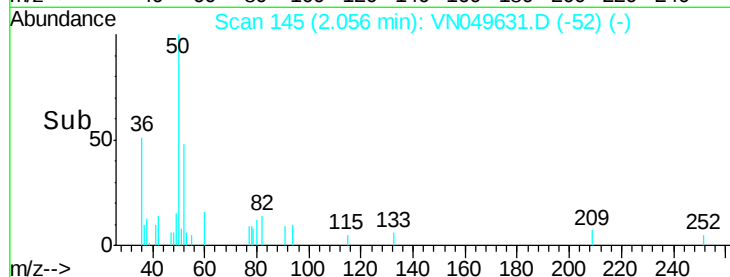
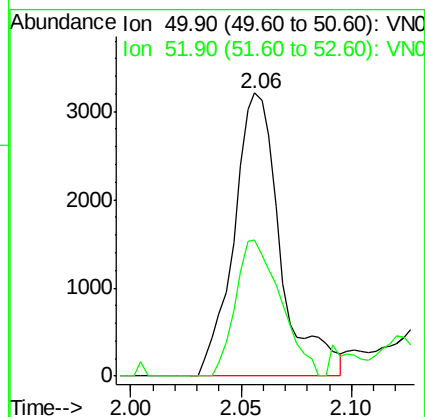
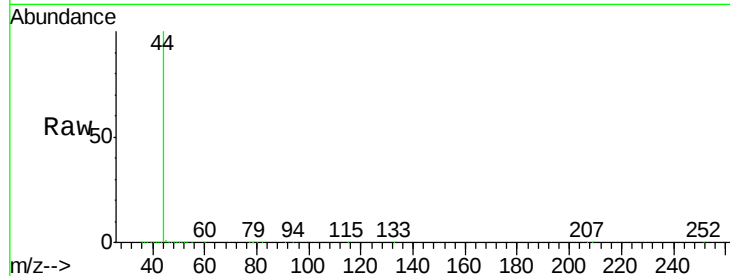
I.BLK

Tgt Ion: 50 Resp: 4734

Ion Ratio Lower Upper

50 100

52 48.3 26.1 39.1#



#4

Vinyl Chloride

Concen: 0.311 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049631.D

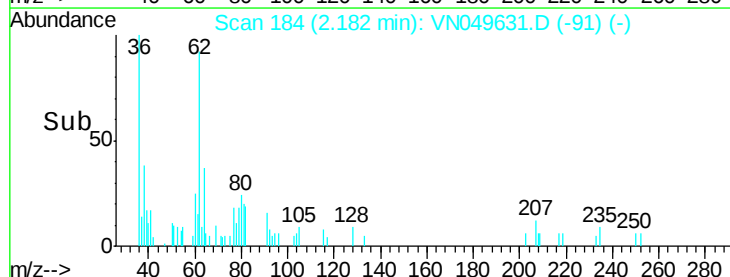
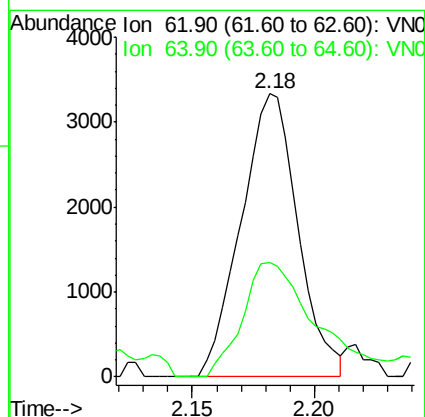
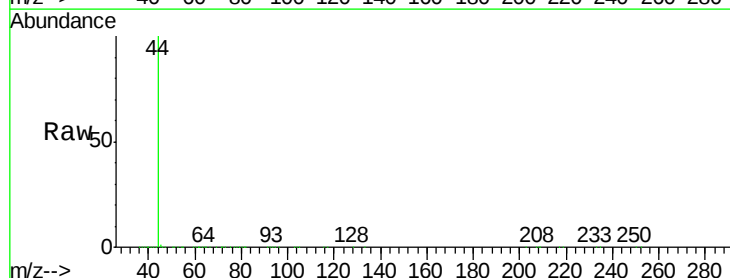
Acq: 29 Jun 2018 13:27

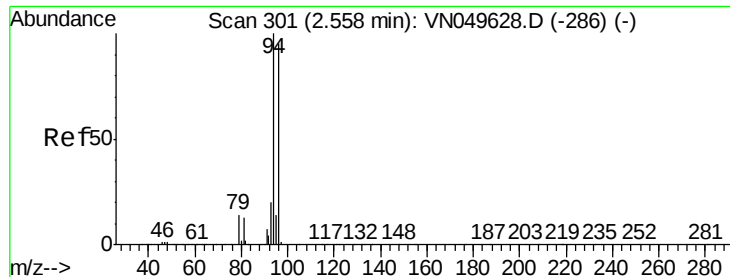
Tgt Ion: 62 Resp: 5385

Ion Ratio Lower Upper

62 100

64 40.6 25.4 38.0#





#5

Bromomethane

Concen: 0.273 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.02 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

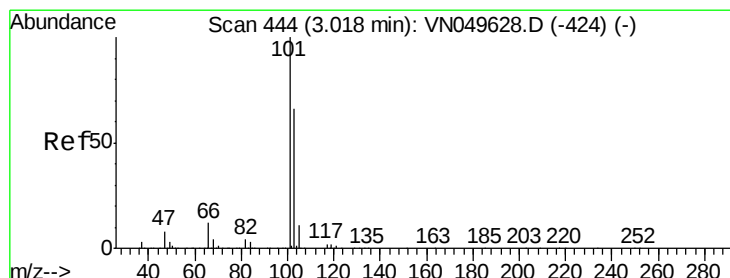
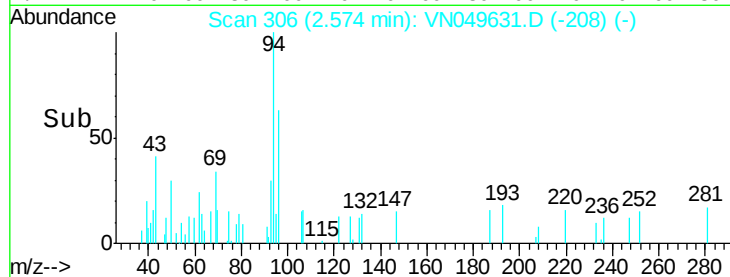
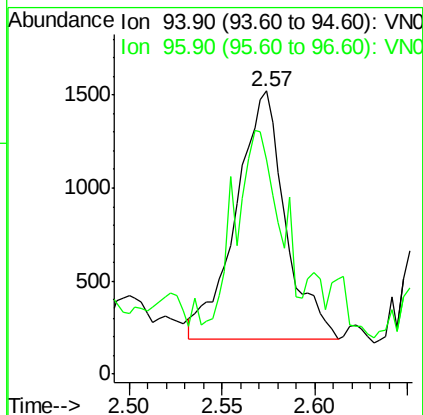
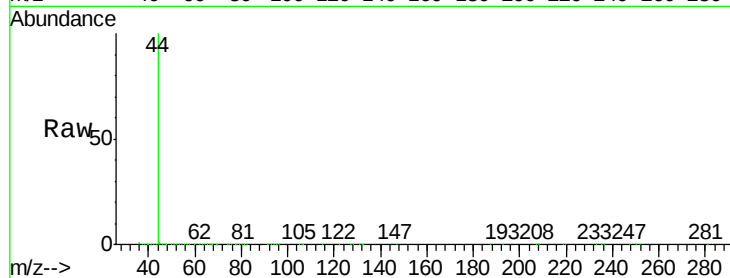
I.BLK

Tgt Ion: 94 Resp: 2488

Ion Ratio Lower Upper

94 100

96 67.3 75.7 113.5#



#7

Trichlorofluoromethane

Concen: 0.243 ug/l

RT: 3.02 min Scan# 446

Delta R.T. 0.01 min

Lab File: VN049631.D

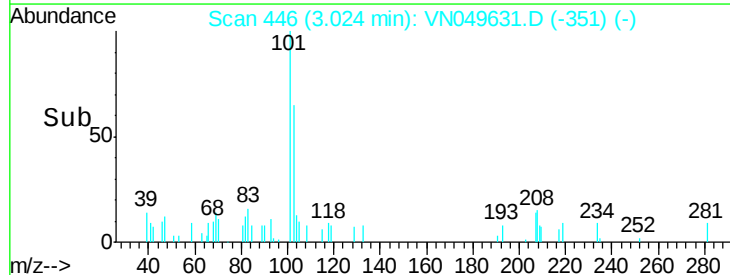
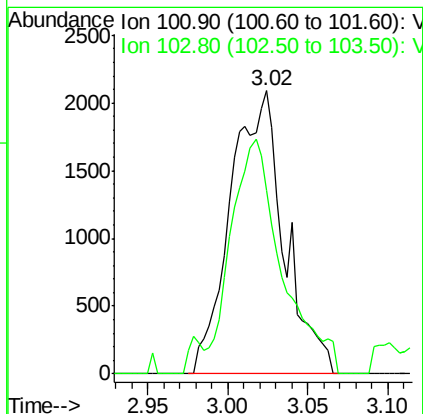
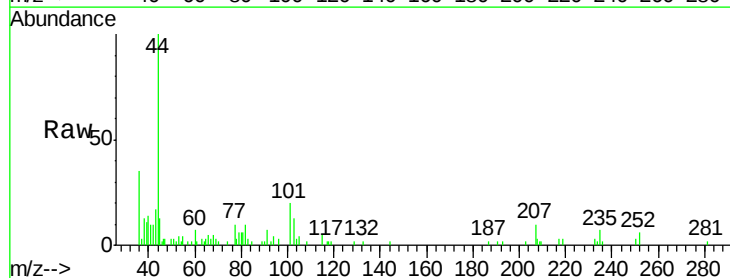
Acq: 29 Jun 2018 13:27

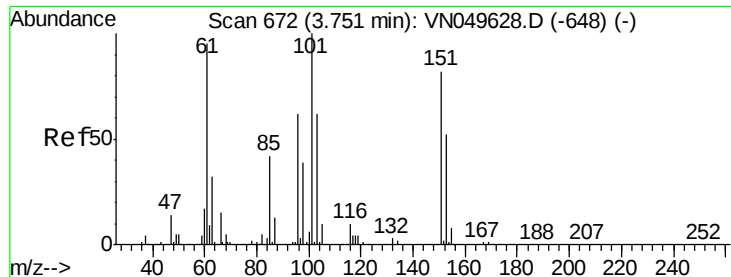
Tgt Ion: 101 Resp: 4805

Ion Ratio Lower Upper

101 100

103 64.7 52.8 79.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.304 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

I.BLK

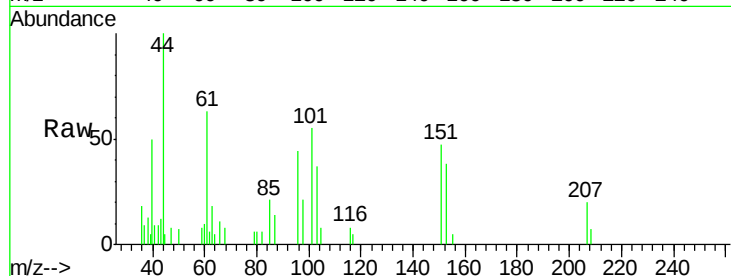
Tgt Ion:101 Resp: 4333

Ion Ratio Lower Upper

101 100

85 24.0 34.4 51.6#

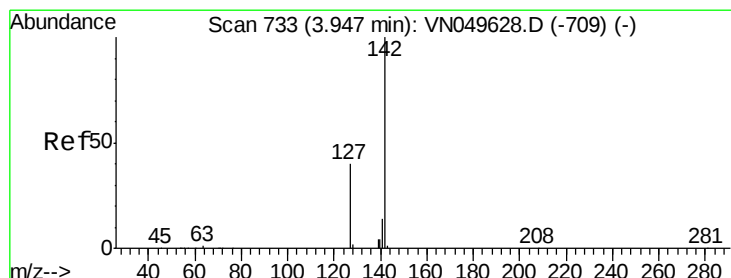
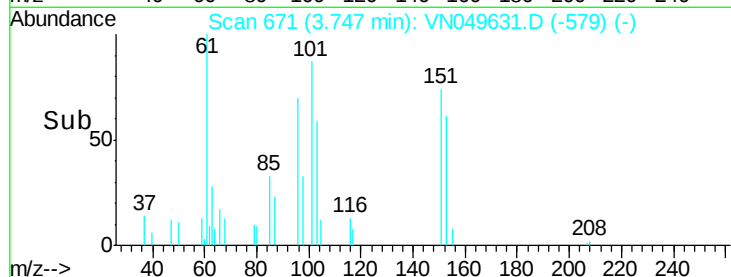
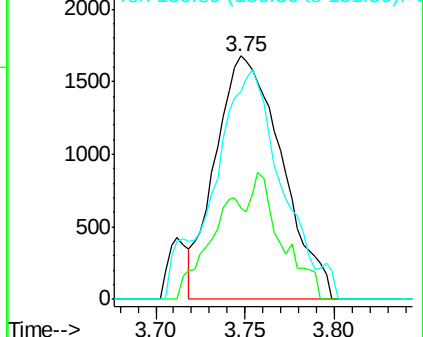
151 0.0 66.2 99.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.307 ug/l

RT: 3.96 min Scan# 736

Delta R.T. 0.01 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

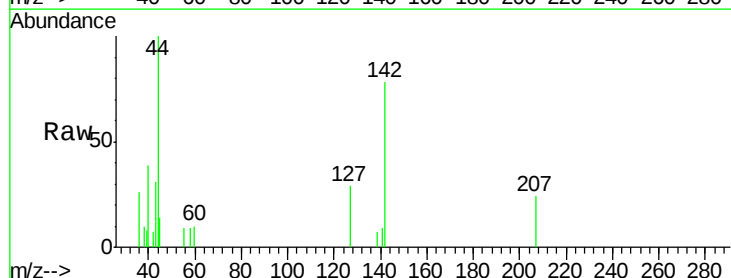
Tgt Ion:142 Resp: 5478

Ion Ratio Lower Upper

142 100

127 13.6 32.5 48.7#

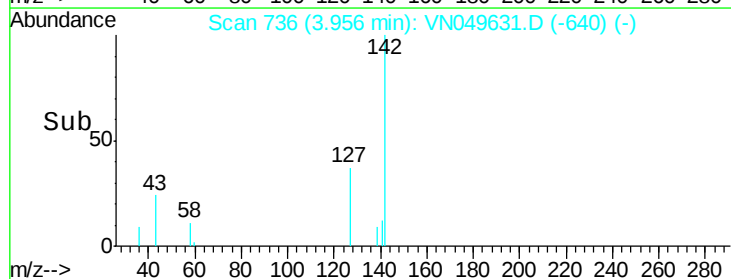
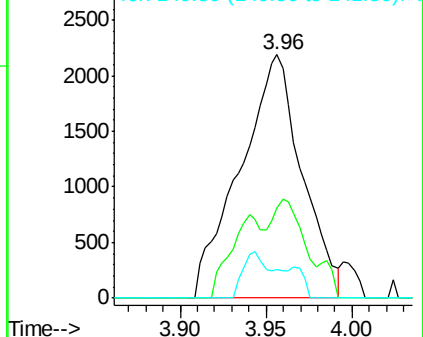
141 0.0 11.1 16.7#

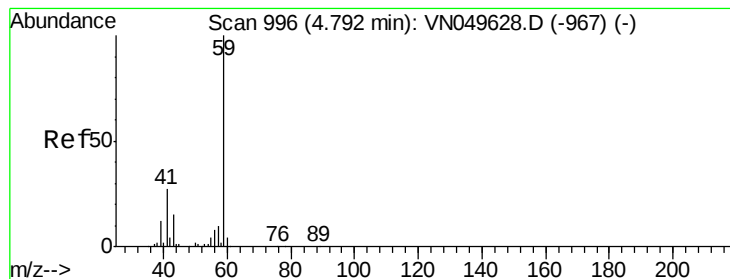


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



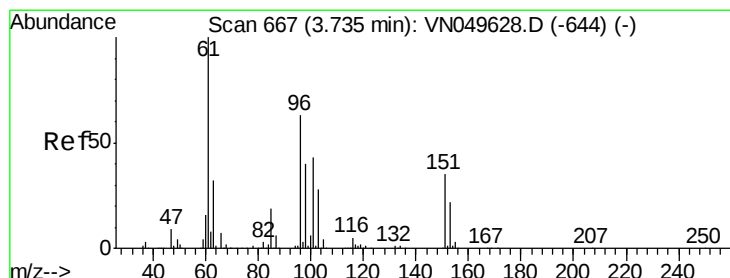
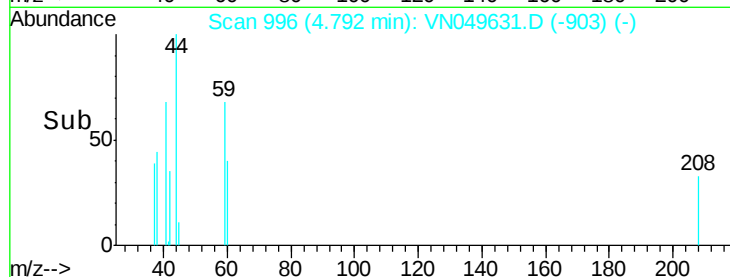
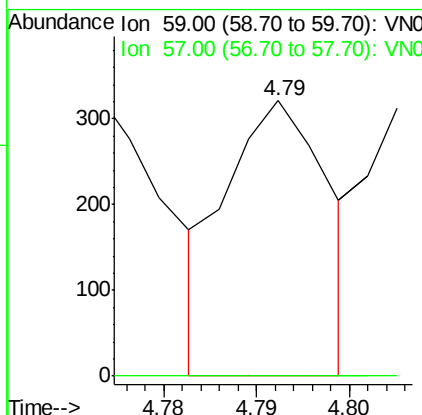
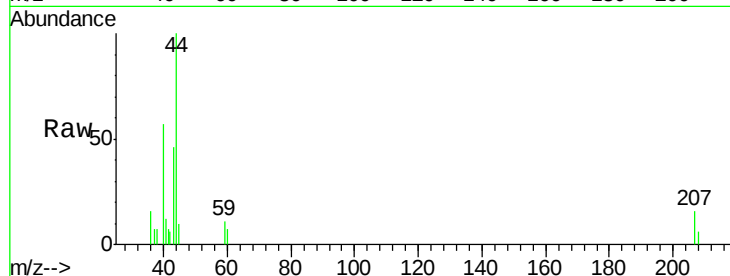


#11

Tert butyl alcohol
 Concen: 0.281 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: VN049631.D
 Acq: 29 Jun 2018 13:27

Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

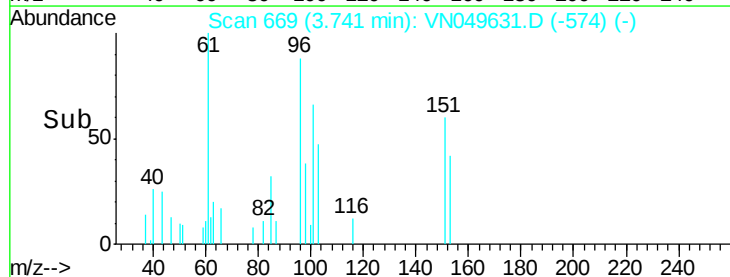
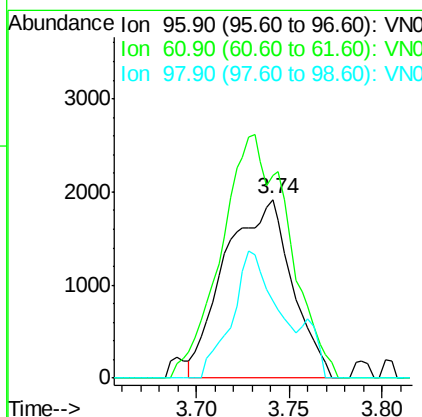
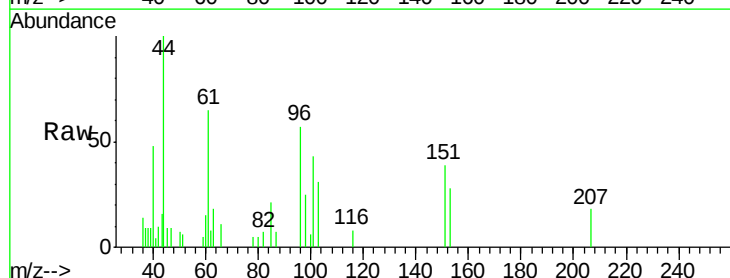
Tgt Ion: 59 Resp: 244
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

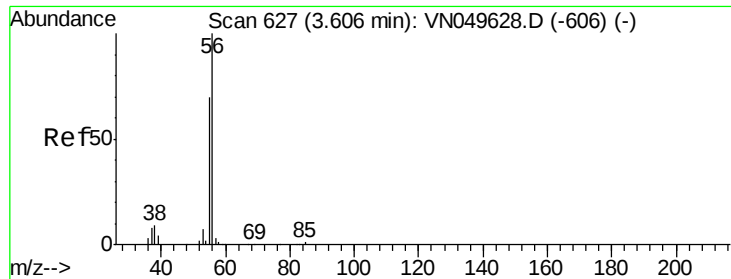


#12

1,1-Dichloroethene
 Concen: 0.357 ug/l
 RT: 3.74 min Scan# 669
 Delta R.T. 0.01 min
 Lab File: VN049631.D
 Acq: 29 Jun 2018 13:27

Tgt Ion: 96 Resp: 4811
 Ion Ratio Lower Upper
 96 100
 61 113.8 126.5 189.7#
 98 43.4 51.0 76.6#





#13

Acrolein

Concen: 5.254 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

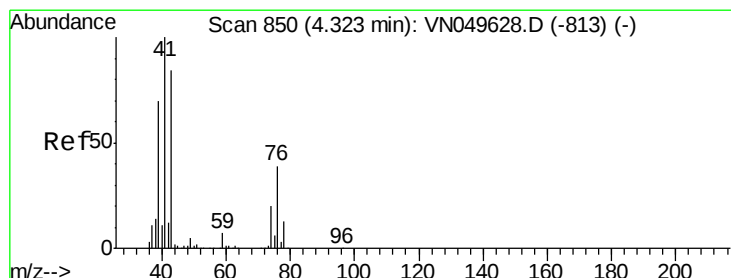
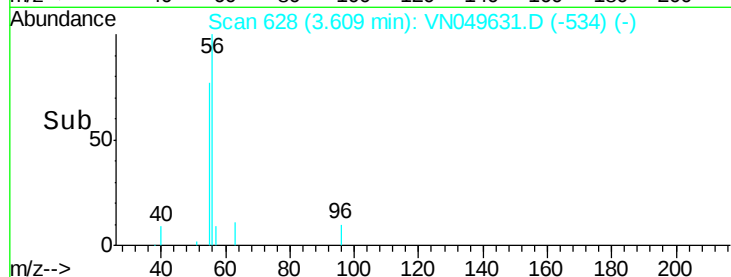
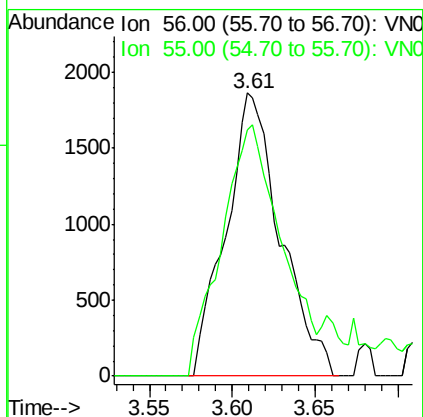
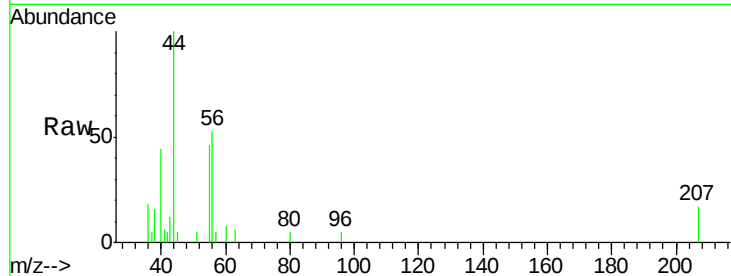
I.BLK

Tgt Ion: 56 Resp: 4264

Ion Ratio Lower Upper

56 100

55 97.4 55.8 83.8#



#14

Allyl chloride

Concen: 0.236 ug/l

RT: 4.31 min Scan# 847

Delta R.T. -0.01 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

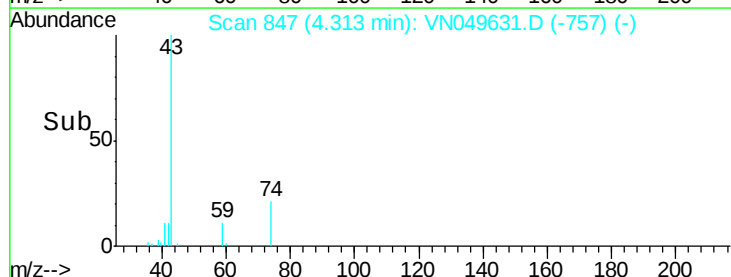
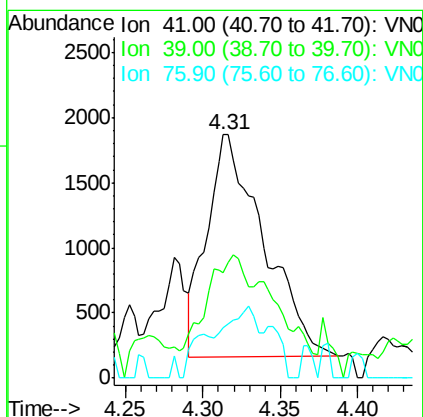
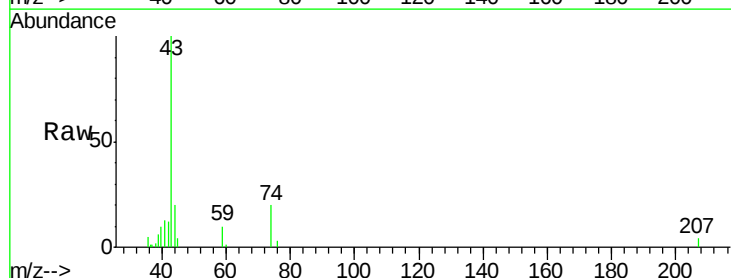
Tgt Ion: 41 Resp: 4371

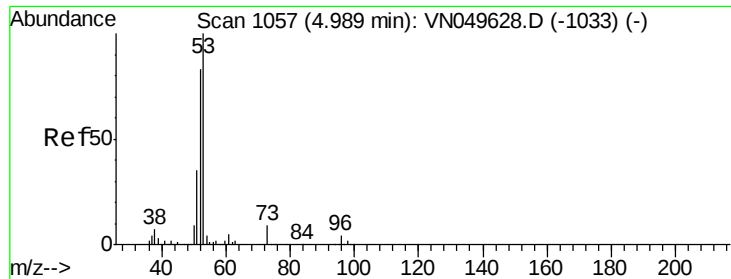
Ion Ratio Lower Upper

41 100

39 30.3 53.2 79.8#

76 0.0 29.0 43.6#





#15

Acrylonitrile

Concen: 1.239 ug/l

RT: 5.00 min Scan# 1062

Delta R.T. 0.02 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

I.BLK

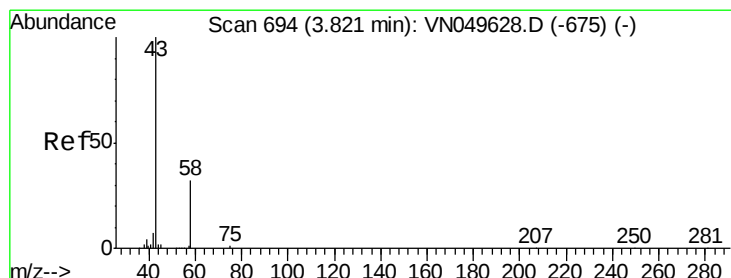
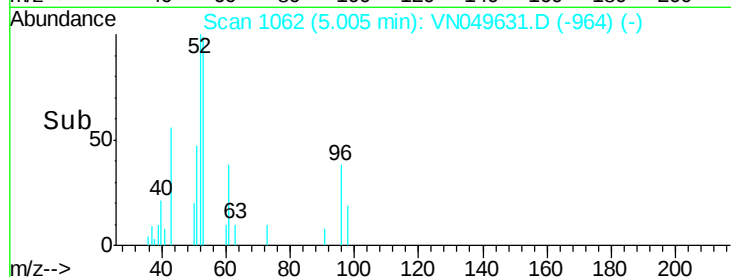
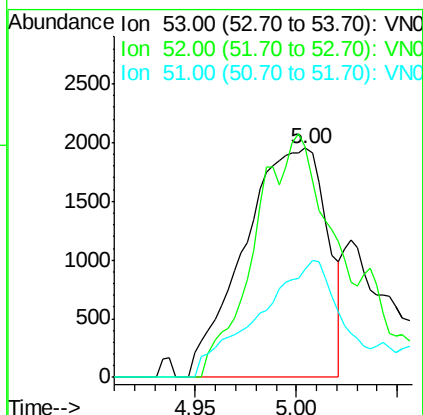
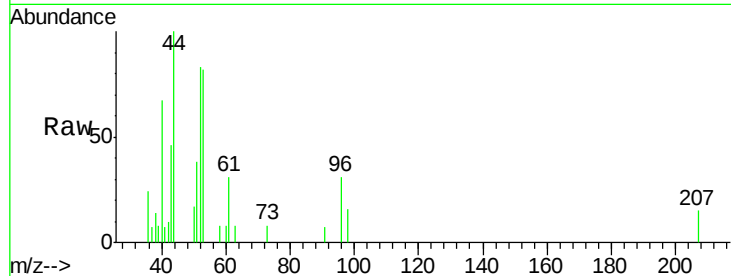
Tgt Ion: 53 Resp: 5560

Ion Ratio Lower Upper

53 100

52 38.5 64.8 97.2#

51 50.7 28.9 43.3#



#16

Acetone

Concen: 7.655 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN049631.D

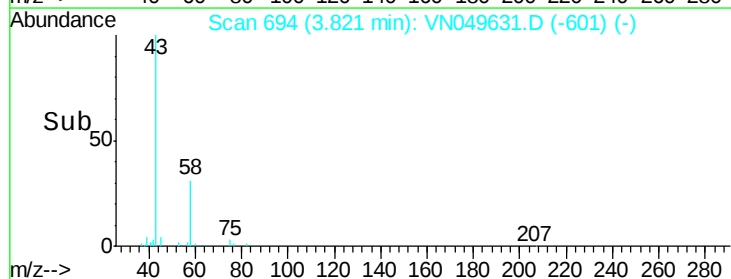
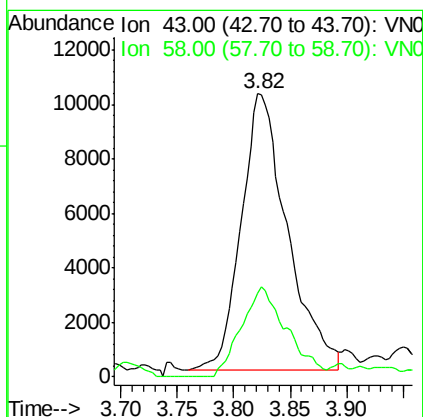
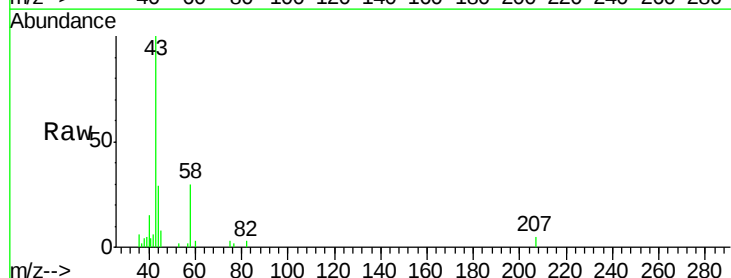
Acq: 29 Jun 2018 13:27

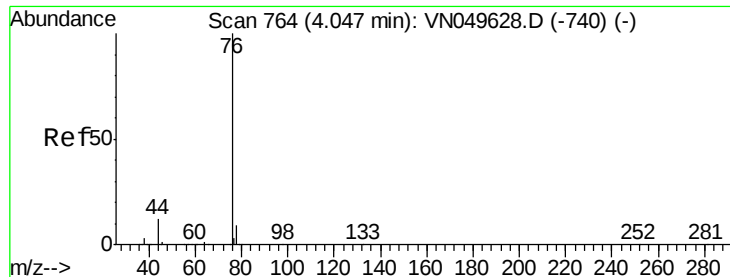
Tgt Ion: 43 Resp: 28708

Ion Ratio Lower Upper

43 100

58 30.4 25.9 38.9





#17

Carbon Disulfide

Concen: 1.620 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

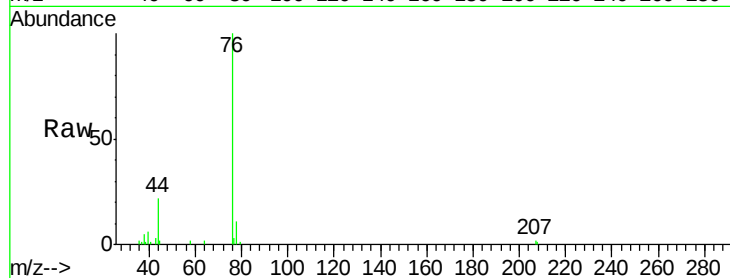
I.BLK

Tgt Ion: 76 Resp: 66128

Ion Ratio Lower Upper

76 100

78 11.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VN049628.D (-740) (-)

Ion 77.90 (77.60 to 78.60): VN049628.D (-740) (-)

4.05

25000

20000

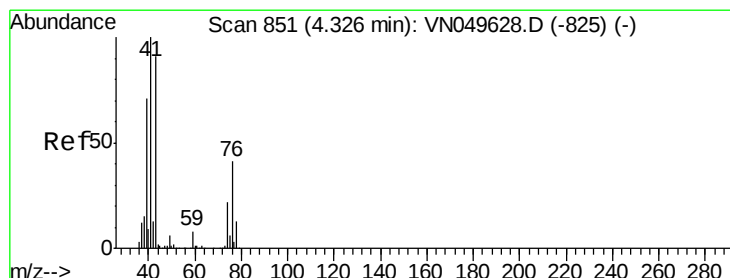
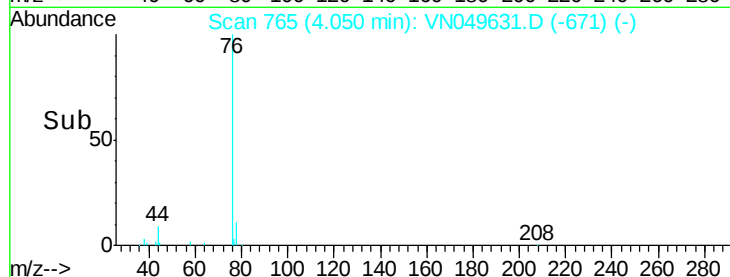
15000

10000

5000

0

Time-->



#18

Methyl Acetate

Concen: 3.064 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049631.D

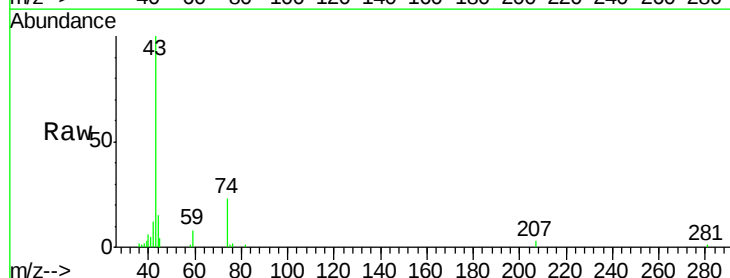
Acq: 29 Jun 2018 13:27

Tgt Ion: 43 Resp: 69912

Ion Ratio Lower Upper

43 100

74 11.5 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-825) (-)

Ion 74.00 (73.70 to 74.70): VN049628.D (-825) (-)

4.34

25000

20000

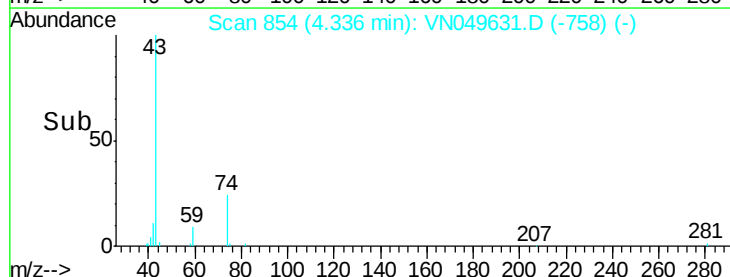
15000

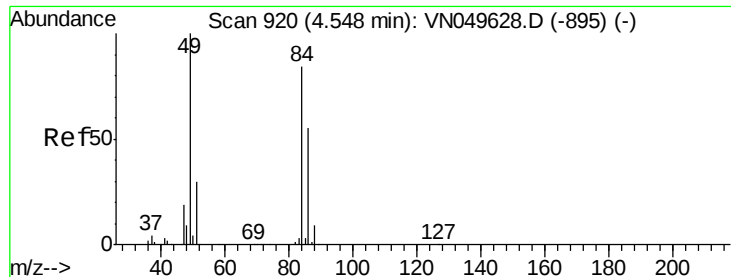
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 0.316 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

Tgt Ion: 84 Resp: 4930

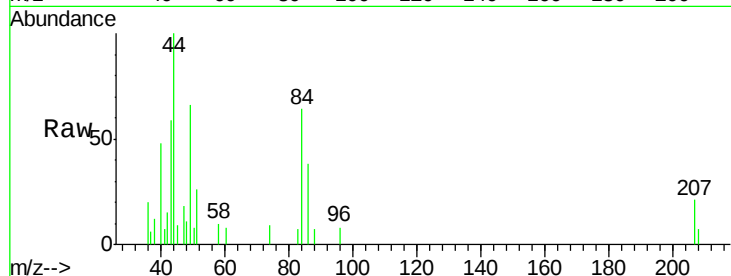
Ion Ratio Lower Upper

84 100

49 102.8 95.4 143.2

51 40.3 28.4 42.6

86 60.0 52.6 79.0

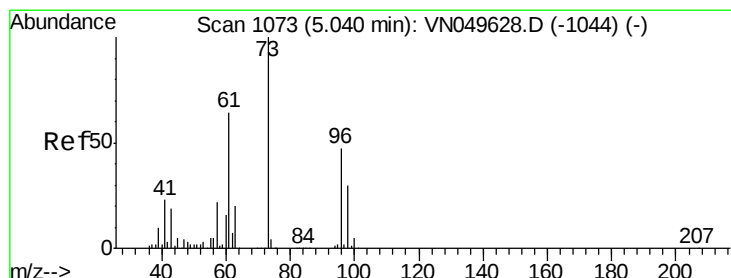
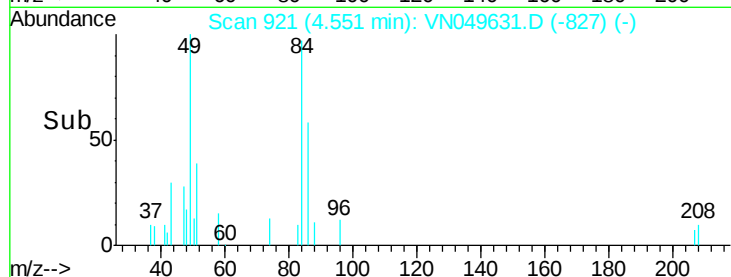
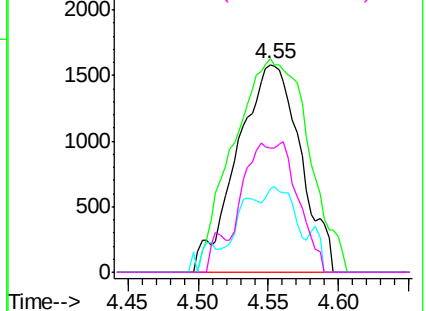


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#21

trans-1,2-Dichloroethene

Concen: 0.712 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

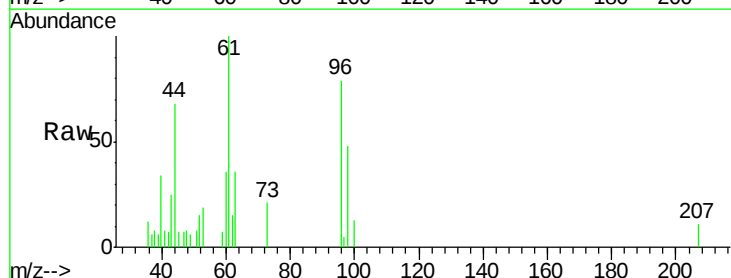
Tgt Ion: 96 Resp: 9872

Ion Ratio Lower Upper

96 100

61 126.9 109.0 163.6

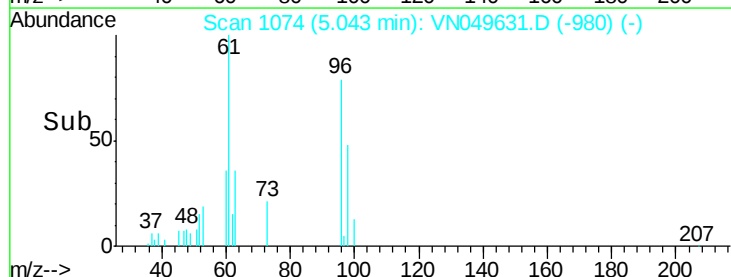
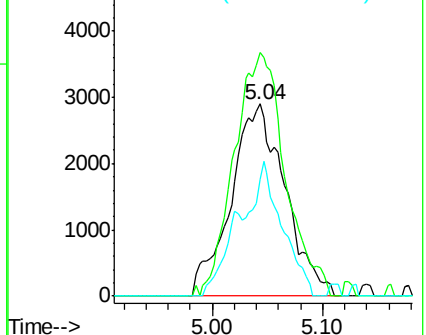
98 60.9 51.1 76.7

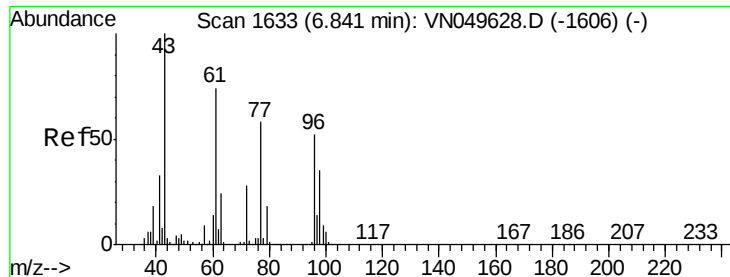


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

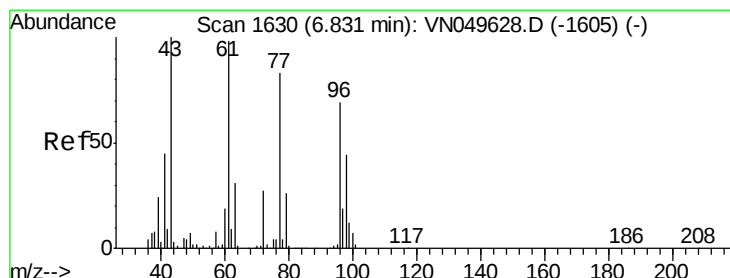
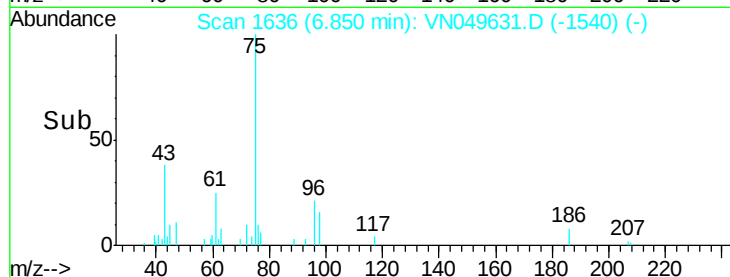
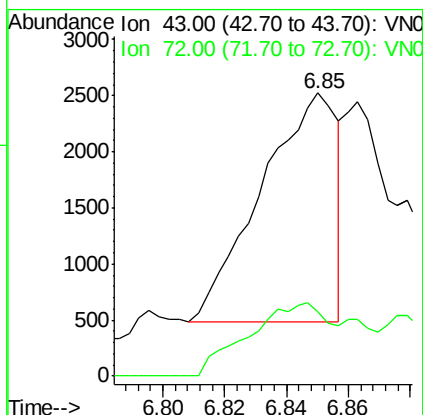
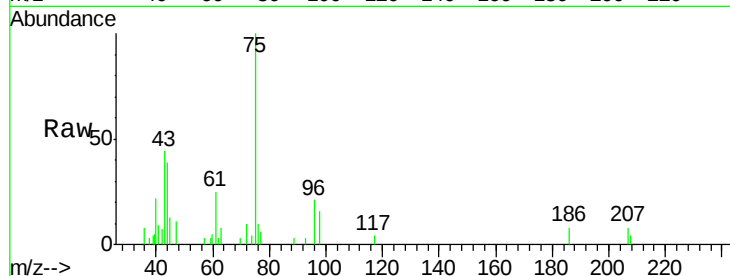




#25
 2-Butanone
 Concen: 0.692 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: VN049631.D
 Acq: 29 Jun 2018 13:27

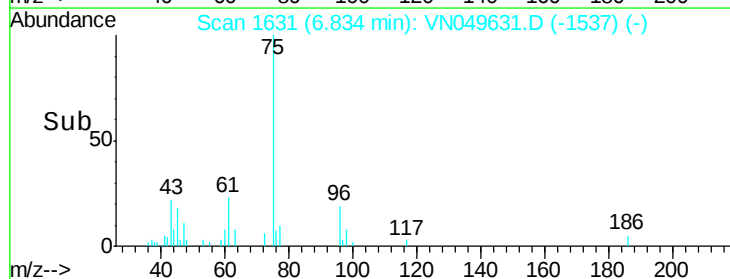
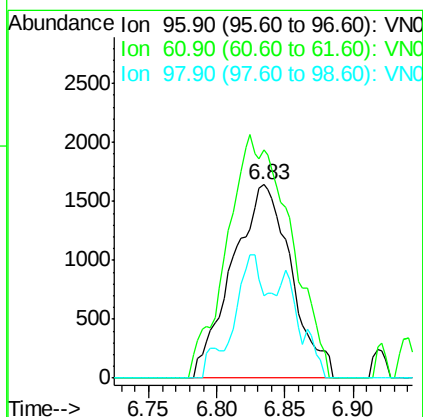
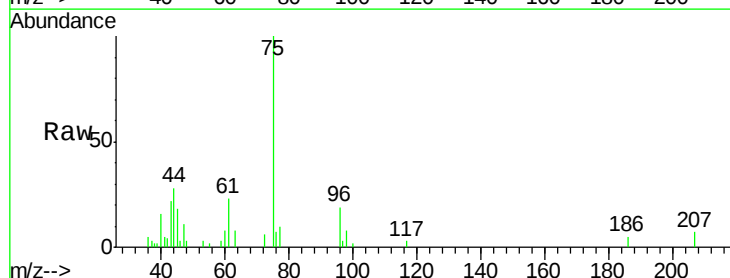
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

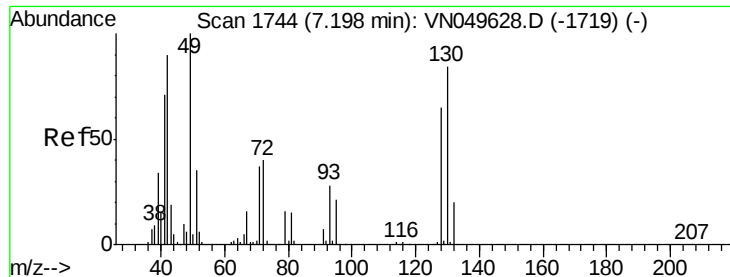
Tgt Ion: 43 Resp: 3477
 Ion Ratio Lower Upper
 43 100
 72 28.1 22.1 33.1



#27
 cis-1,2-Dichloroethene
 Concen: 0.317 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VN049631.D
 Acq: 29 Jun 2018 13:27

Tgt Ion: 96 Resp: 4910
 Ion Ratio Lower Upper
 96 100
 61 70.3 0.0 289.0
 98 31.9 0.0 130.2





#28

Bromochloromethane

Concen: 0.227 ug/l

RT: 7.20 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

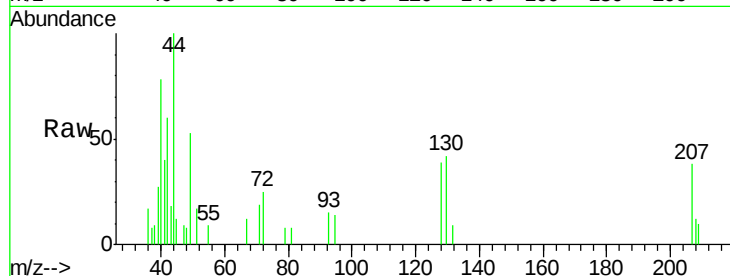
Tgt Ion: 49 Resp: 2544

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

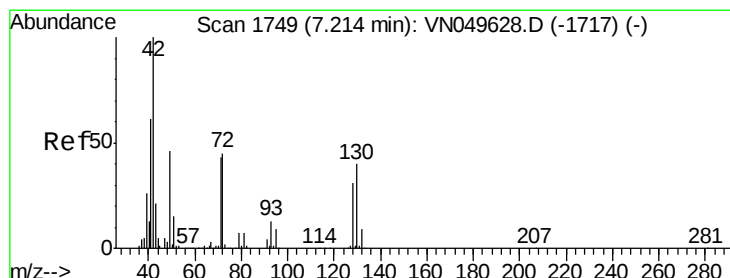
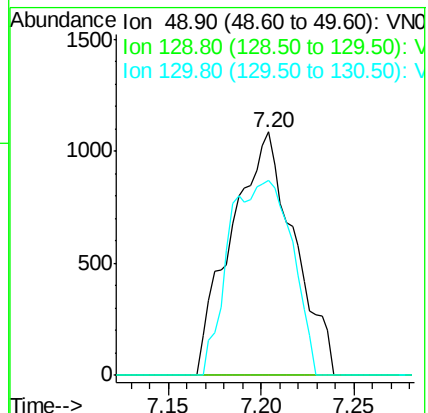
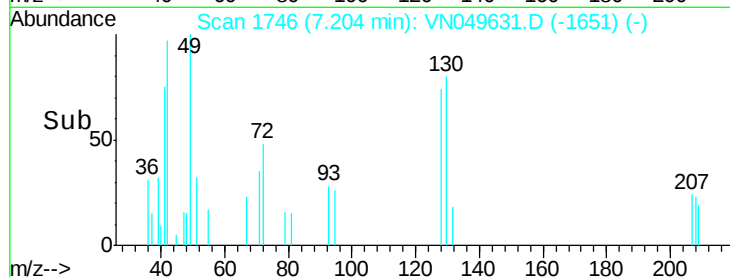
130 81.0 65.5 98.3



Abundance Ion 48.90 (48.60 to 49.60): VN049631.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN049631.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN049631.D (-1651) (-)



#29

Tetrahydrofuran

Concen: 0.407 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

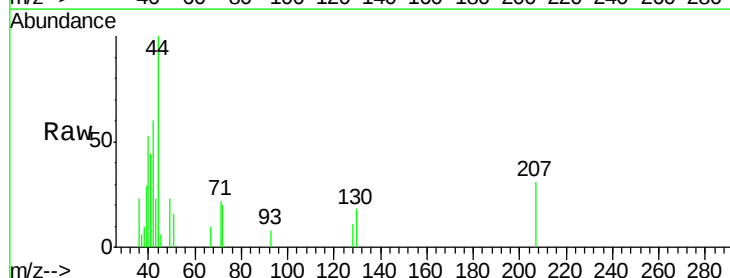
Tgt Ion: 42 Resp: 1304

Ion Ratio Lower Upper

42 100

72 40.6 35.6 53.4

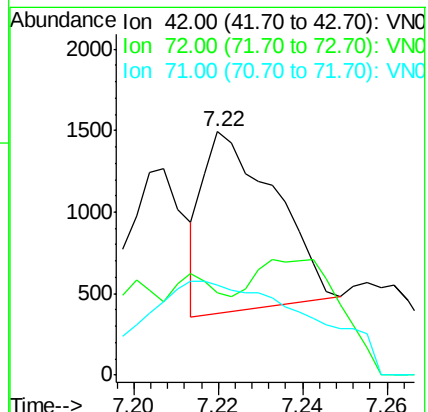
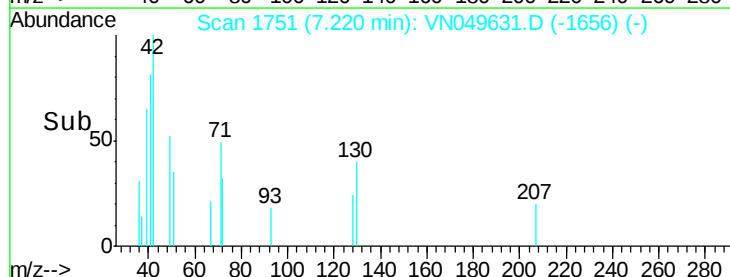
71 125.5 34.0 51.0#

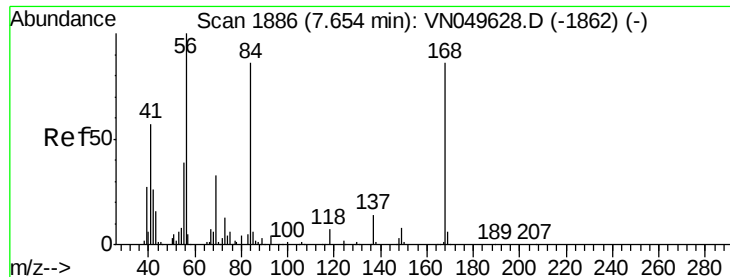


Abundance Ion 42.00 (41.70 to 42.70): VN049631.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN049631.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN049631.D (-1656) (-)

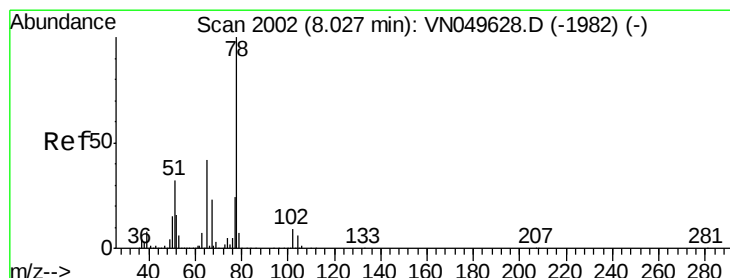
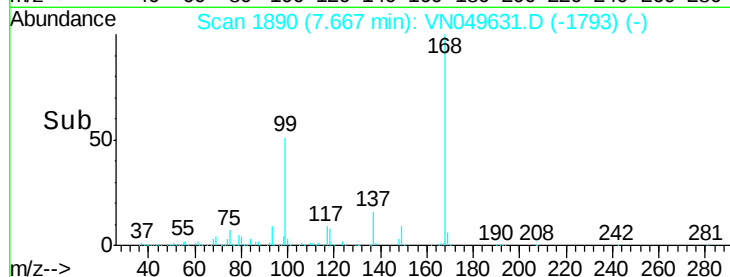
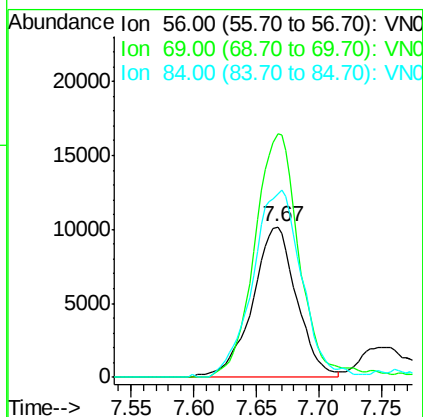
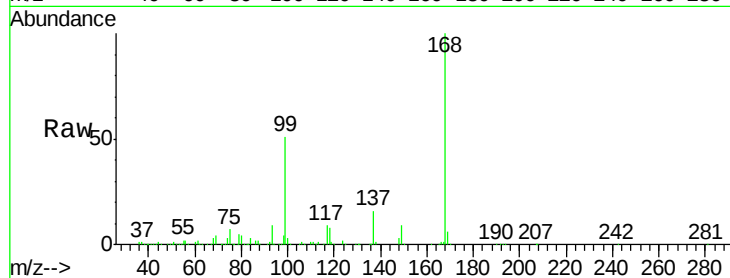




#31
Cyclohexane
Concen: 0.962 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

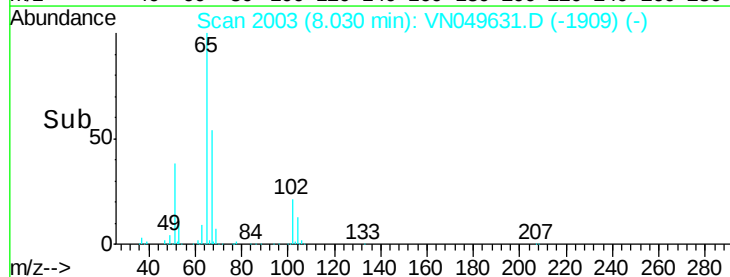
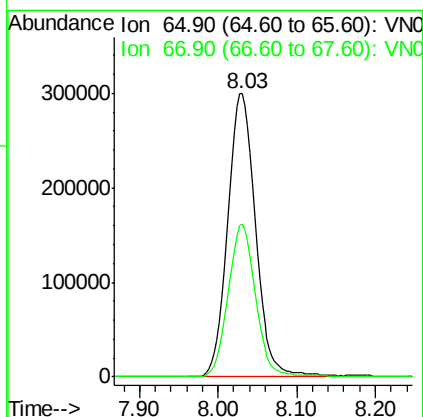
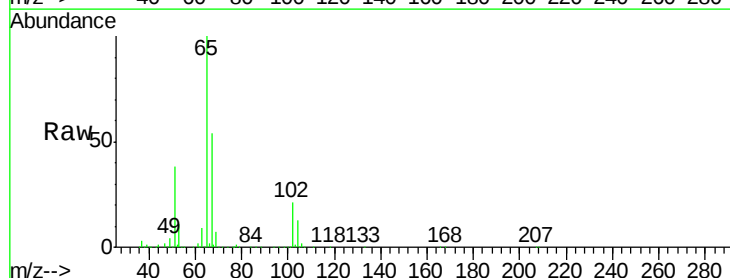
Instrument :
MSVOA_N
ClientSampled :
I.BLK

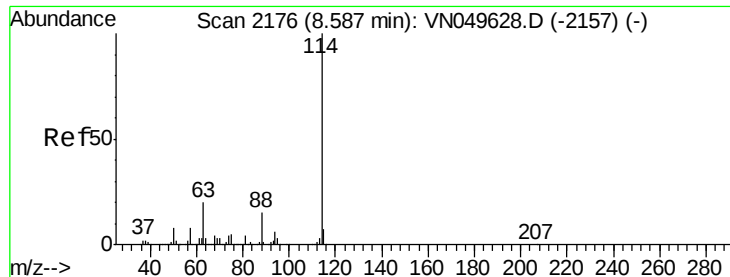
Tgt Ion: 56 Resp: 24970
Ion Ratio Lower Upper
56 100
69 161.9 26.6 40.0#
84 121.8 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 48.597 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Tgt Ion: 65 Resp: 735878
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.2

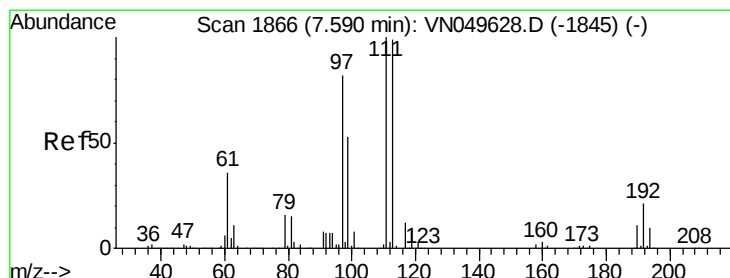
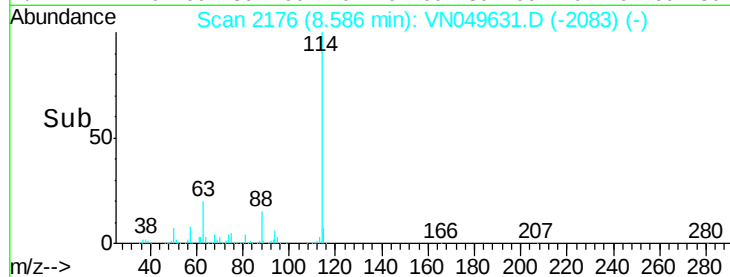
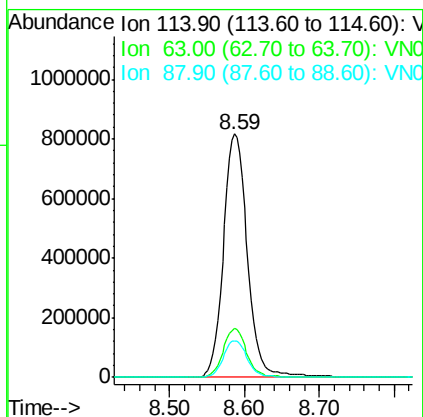
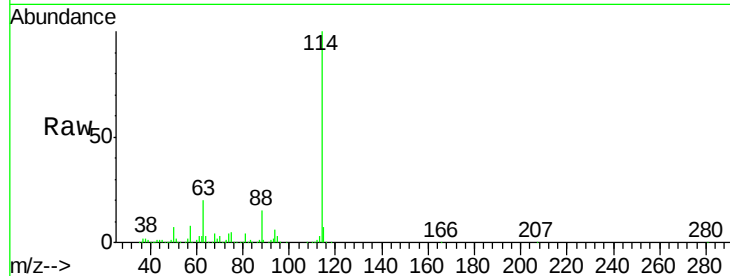




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049631.D
 Acq: 29 Jun 2018 13:27

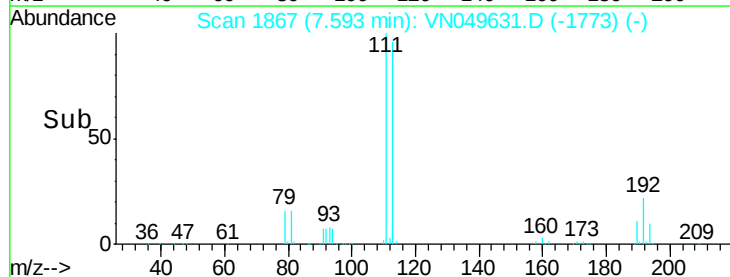
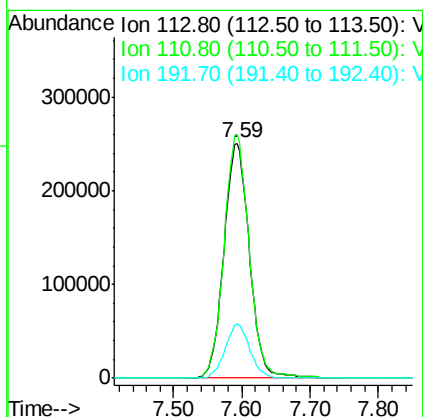
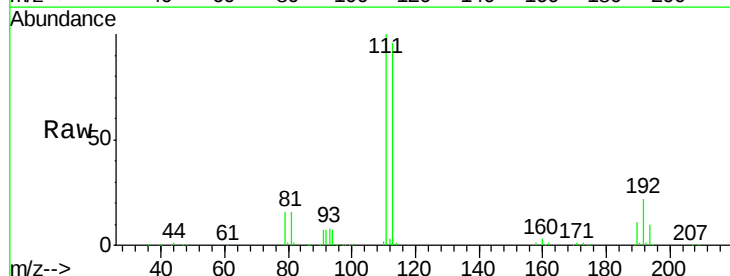
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

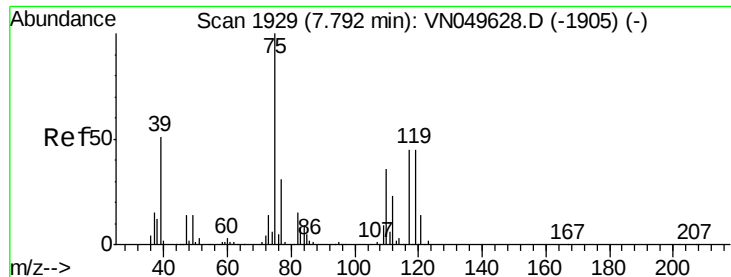
Tgt Ion:114 Resp: 1808198
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.1 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 48.160 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049631.D
 Acq: 29 Jun 2018 13:27

Tgt Ion:113 Resp: 651040
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.8 122.8
 192 22.2 17.8 26.6

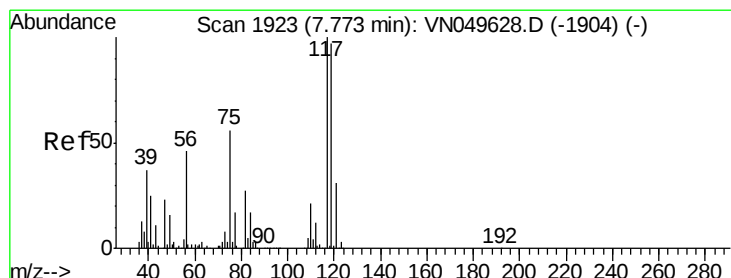
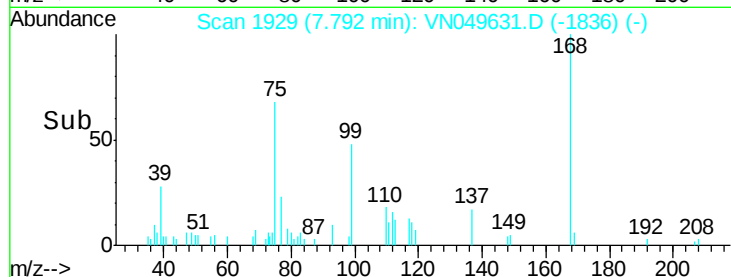
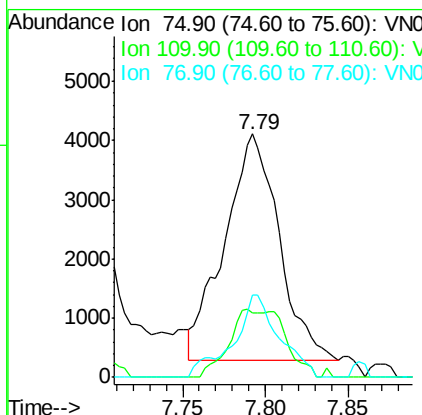
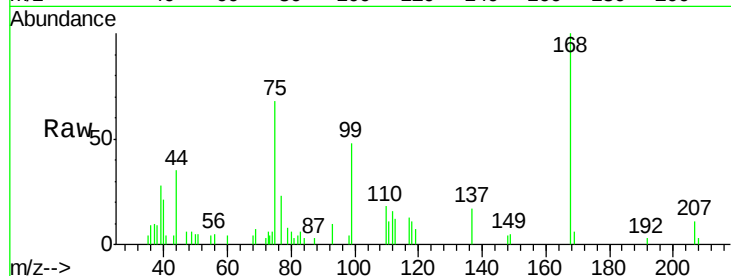




#36
 1,1-Dichloropropene
 Concen: 0.428 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN049631.D
 Acq: 29 Jun 2018 13:27

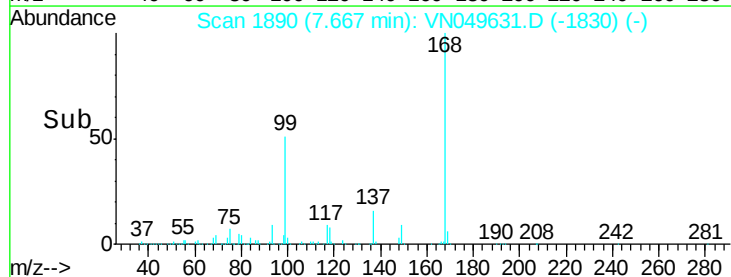
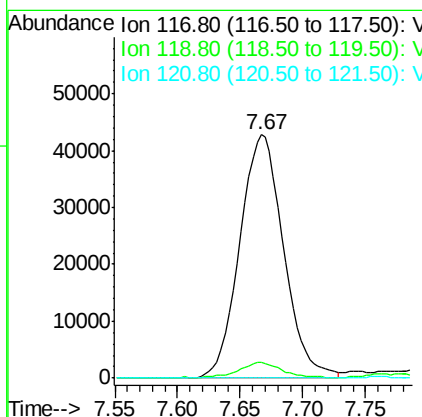
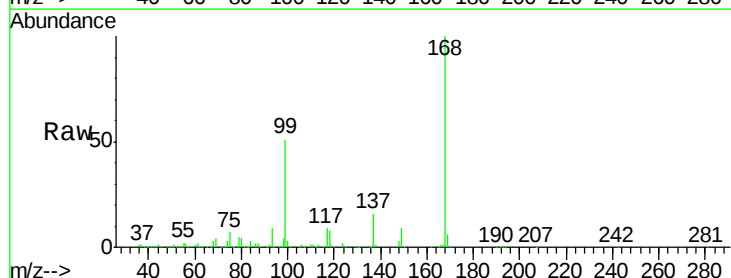
Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

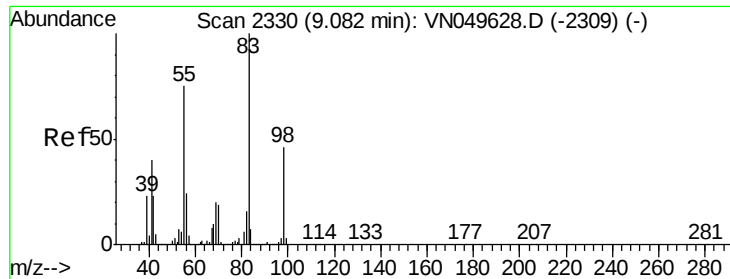
Tgt Ion: 75 Resp: 8714
 Ion Ratio Lower Upper
 75 100
 110 16.5 18.1 54.4#
 77 30.7 24.9 37.3



#38
 Carbon Tetrachloride
 Concen: 5.247 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049631.D
 Acq: 29 Jun 2018 13:27

Tgt Ion: 117 Resp: 103838
 Ion Ratio Lower Upper
 117 100
 119 6.5 77.2 115.8#
 121 0.0 25.0 37.6#

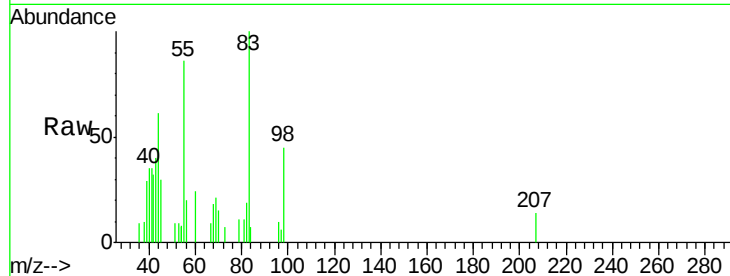




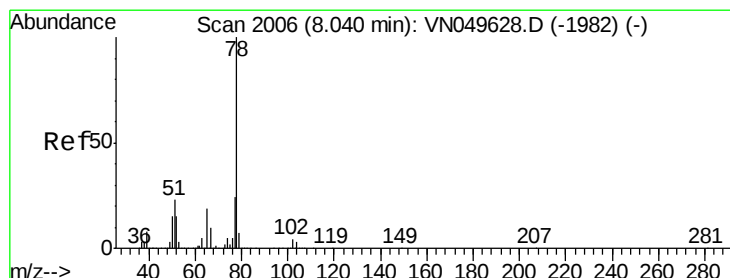
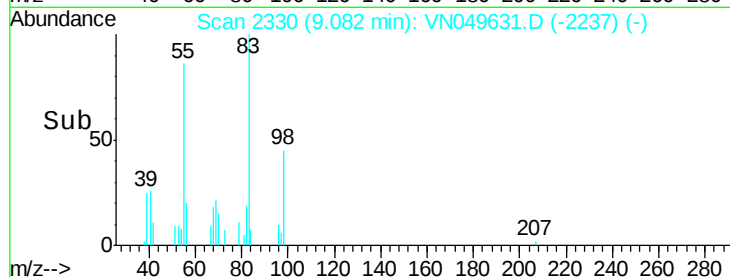
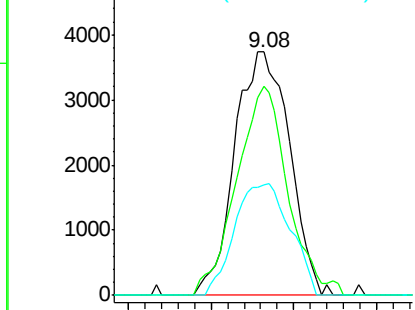
#39
Methylcyclohexane
Concen: 0.384 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 83 Resp: 8565
Ion Ratio Lower Upper
83 100
55 85.9 59.7 89.5
98 45.4 36.5 54.7

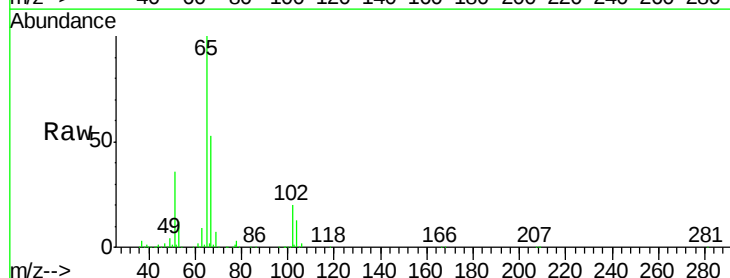


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

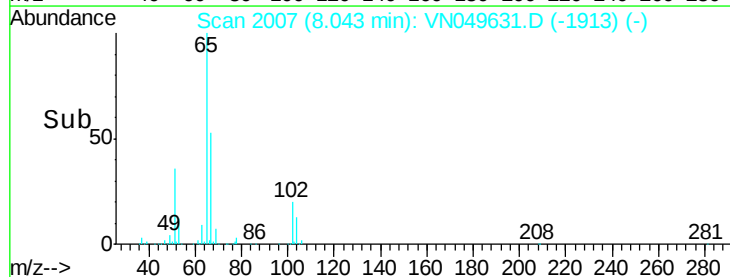
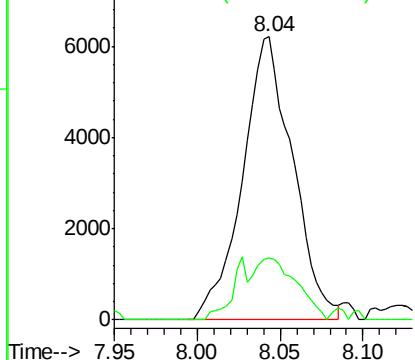


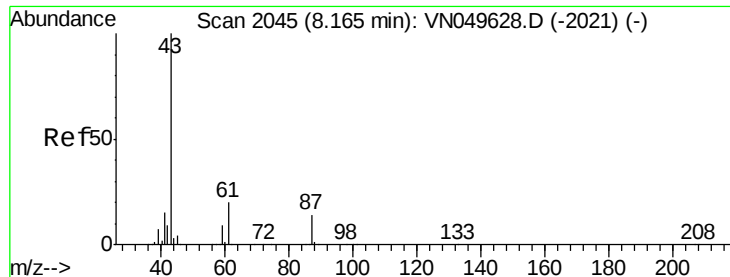
#40
Benzene
Concen: 0.211 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Tgt Ion: 78 Resp: 13099
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#43

Isopropyl Acetate

Concen: 2.995 ug/l

RT: 8.22 min Scan# 2062

Delta R.T. 0.05 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

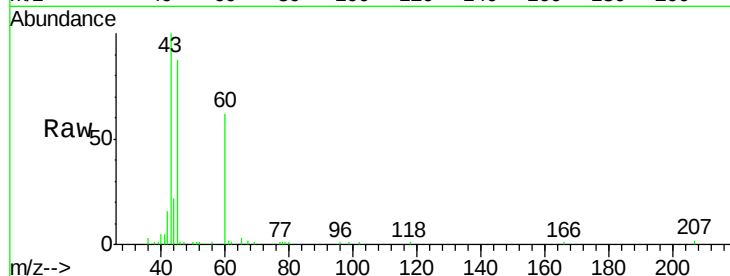
Tgt Ion: 43 Resp: 83956

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

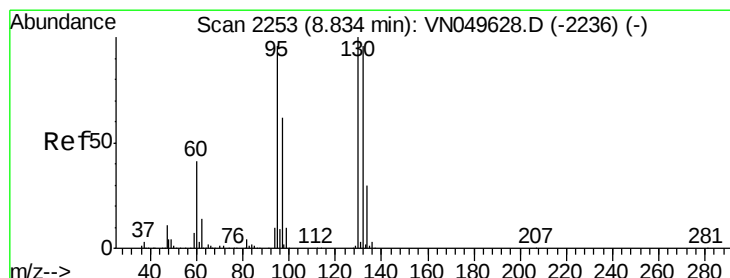
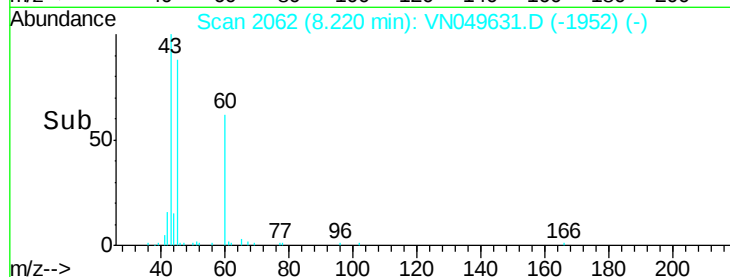
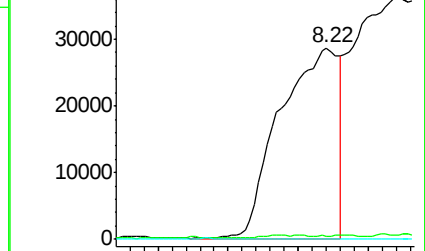
87 0.0 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VN049631.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049631.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049631.D (-1952) (-)



#44

Trichloroethene

Concen: 0.365 ug/l

RT: 8.84 min Scan# 2255

Delta R.T. 0.01 min

Lab File: VN049631.D

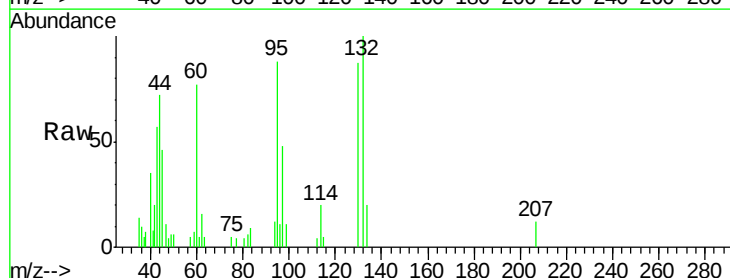
Acq: 29 Jun 2018 13:27

Tgt Ion: 130 Resp: 6837

Ion Ratio Lower Upper

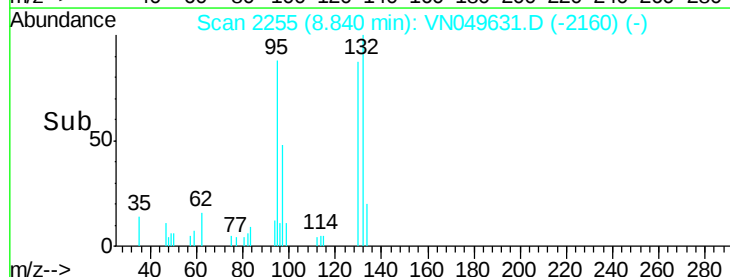
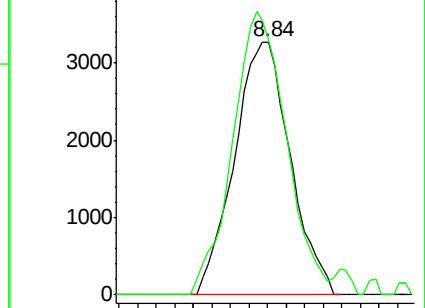
130 100

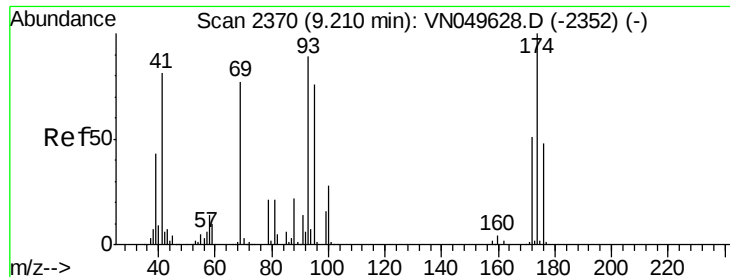
95 101.0 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049631.D (-2160) (-)

Ion 94.90 (94.60 to 95.60): VN049631.D (-2160) (-)





#46

Dibromomethane

Concen: 0.301 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

I.BLK

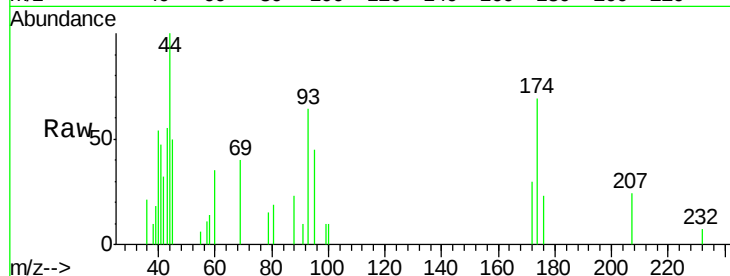
Tgt Ion: 93 Resp: 2922

Ion Ratio Lower Upper

93 100

95 77.9 67.9 101.9

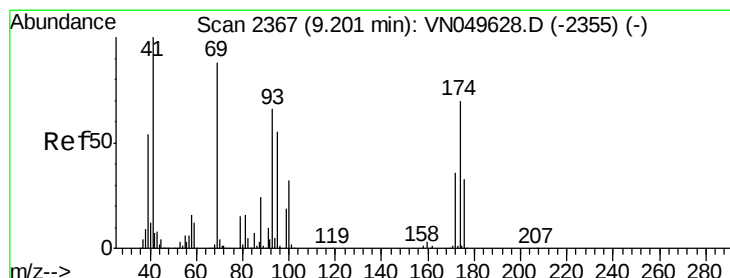
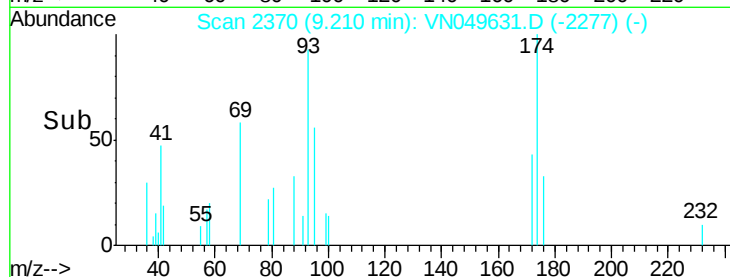
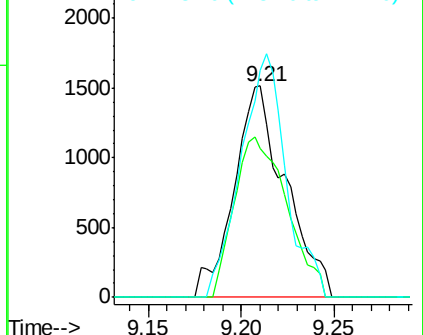
174 101.1 89.4 134.0



Abundance Ion 92.80 (92.50 to 93.50): VN049631.D (-2277) (-)

Ion 94.80 (94.50 to 95.50): VN049631.D (-2277) (-)

Ion 173.70 (173.40 to 174.40): VN049631.D (-2277) (-)



#48

Methyl methacrylate

Concen: 0.248 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

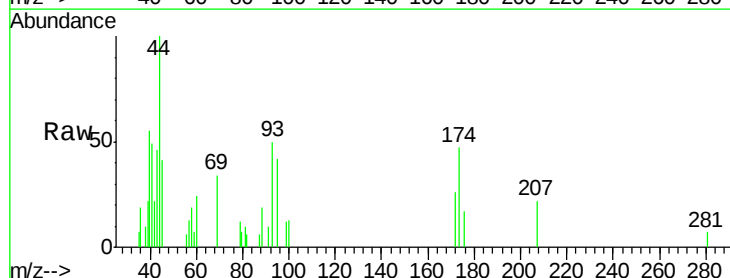
Tgt Ion: 41 Resp: 2610

Ion Ratio Lower Upper

41 100

69 35.1 71.5 107.3#

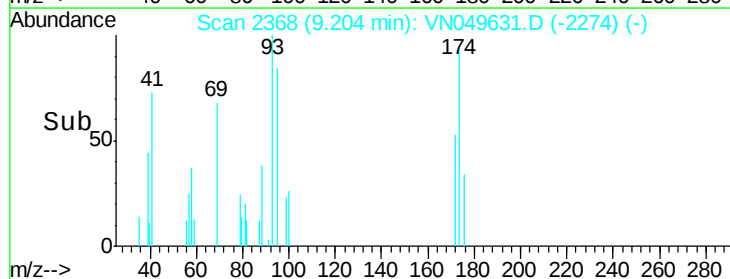
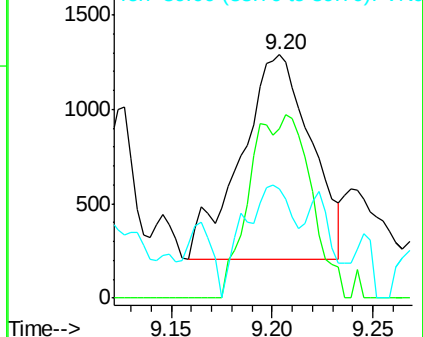
39 39.3 44.7 67.1#

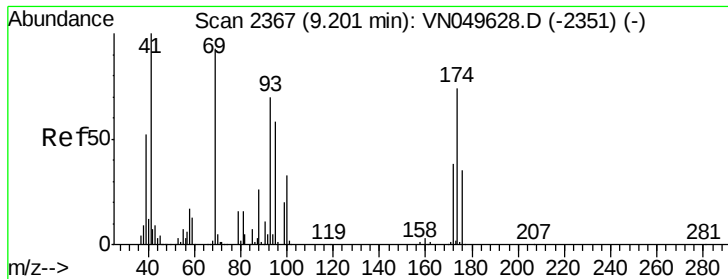


Abundance Ion 41.00 (40.70 to 41.70): VN049631.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049631.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049631.D (-2274) (-)

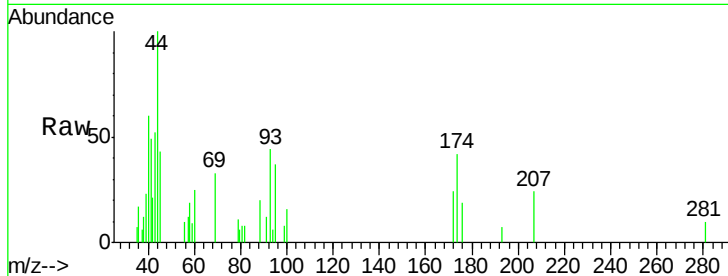




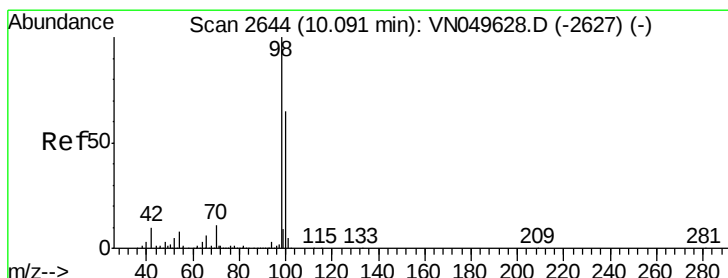
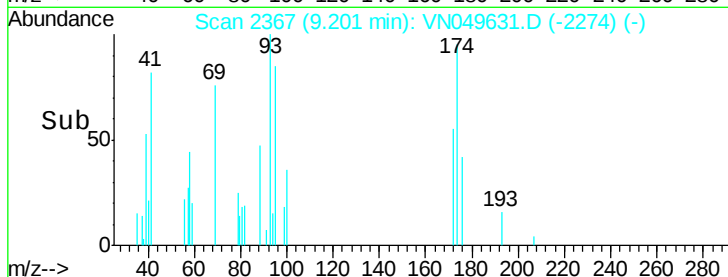
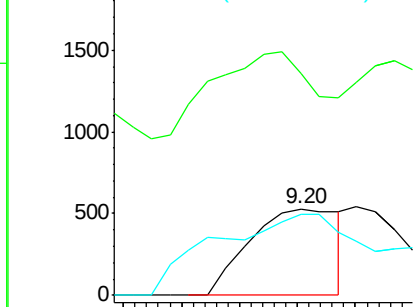
#49
1,4-Dioxane
Concen: 4.007 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion: 88 Resp: 568
Ion Ratio Lower Upper
88 100
43 114.3 25.1 37.7#
58 156.7 52.5 78.7#

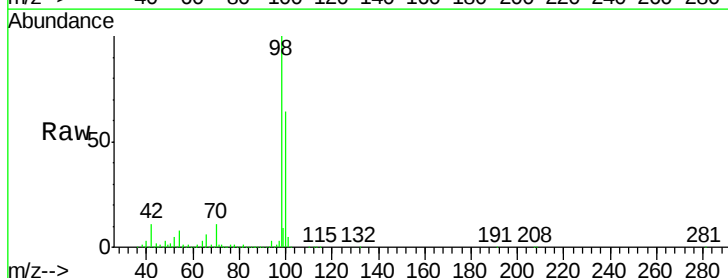


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

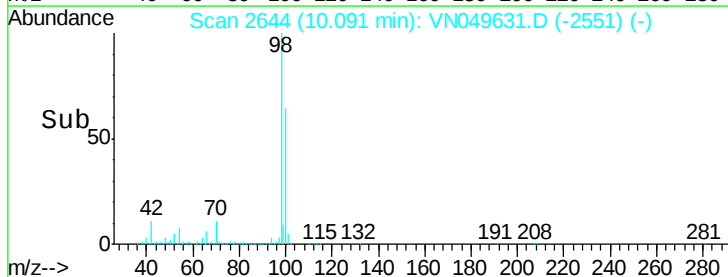
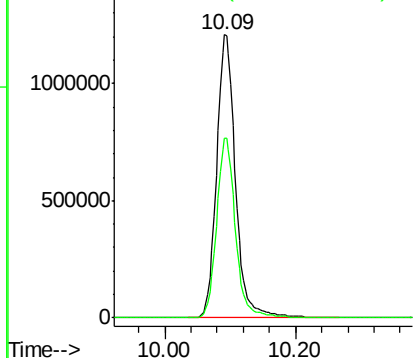


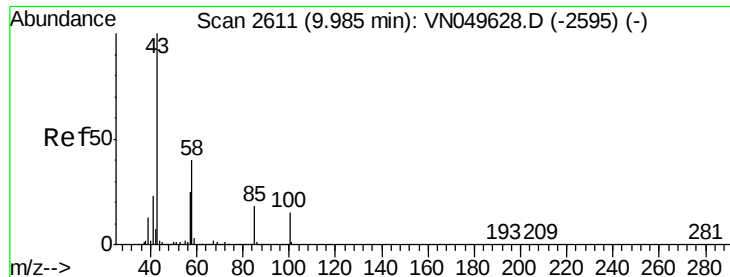
#50
Toluene-d8
Concen: 45.899 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Tgt Ion: 98 Resp: 2428672
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

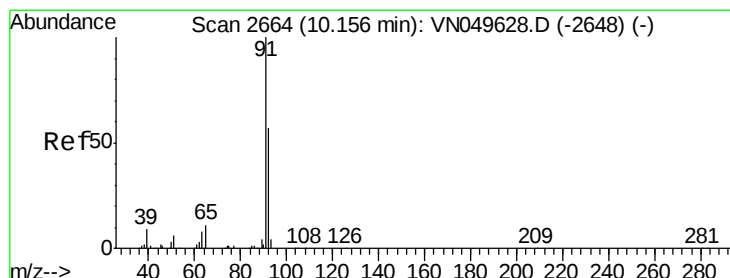
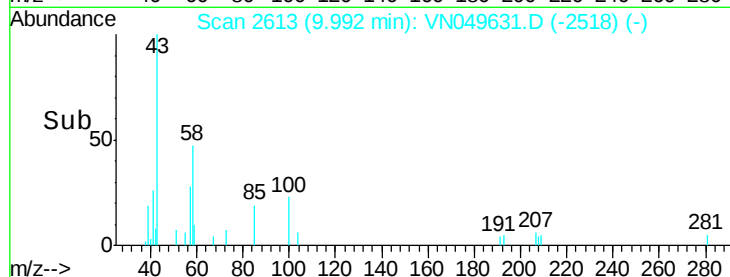
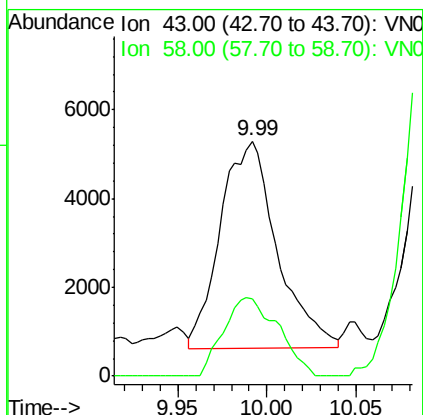
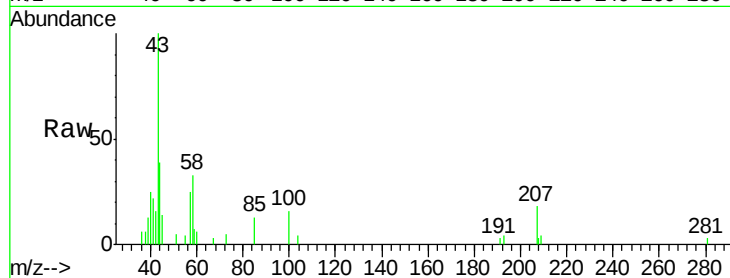




#51
4-Methyl-2-Pentanone
Concen: 0.885 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.01 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

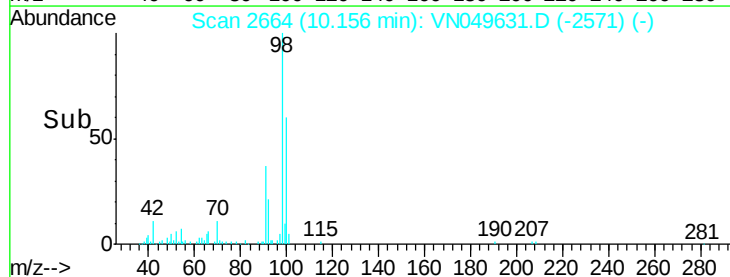
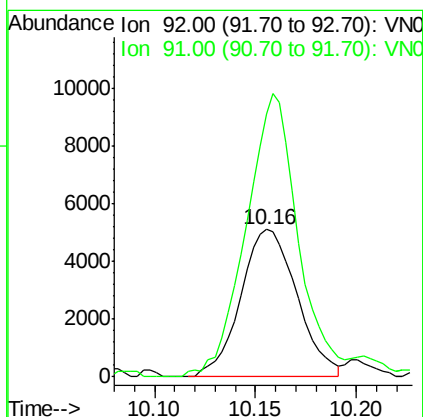
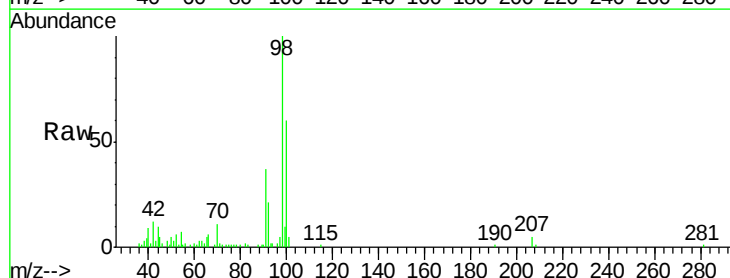
Instrument :
MSVOA_N
ClientSampled :
I.BLK

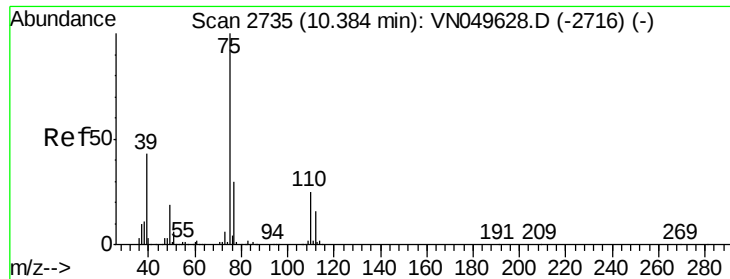
Tgt Ion: 43 Resp: 10301
Ion Ratio Lower Upper
43 100
58 36.7 31.8 47.8



#52
Toluene
Concen: 0.266 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Tgt Ion: 92 Resp: 9995
Ion Ratio Lower Upper
92 100
91 176.3 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 0.285 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

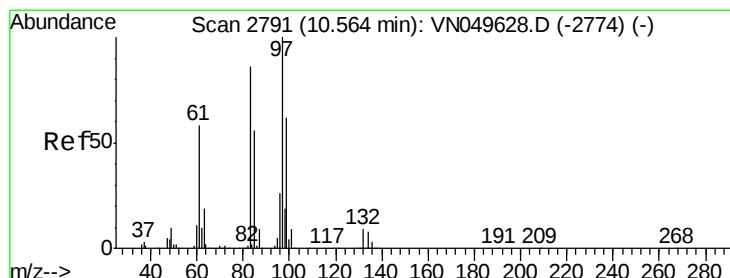
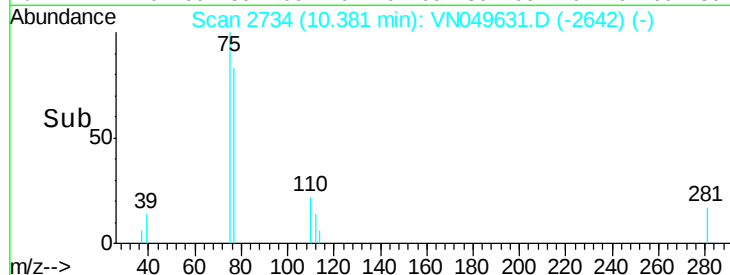
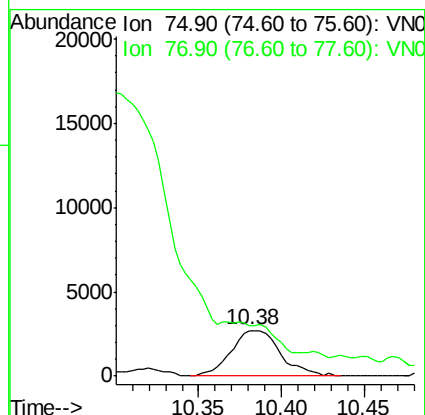
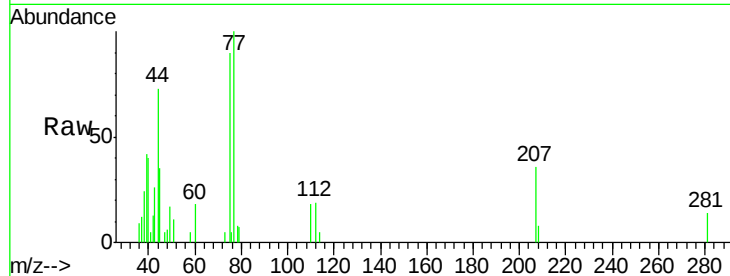
I.BLK

Tgt Ion: 75 Resp: 5640

Ion Ratio Lower Upper

75 100

77 65.8 25.2 37.8#



#55

1,1,2-Trichloroethane

Concen: 0.214 ug/l

RT: 10.57 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Tgt Ion: 97 Resp: 2984

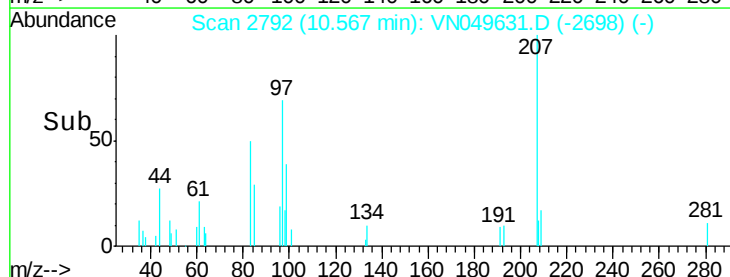
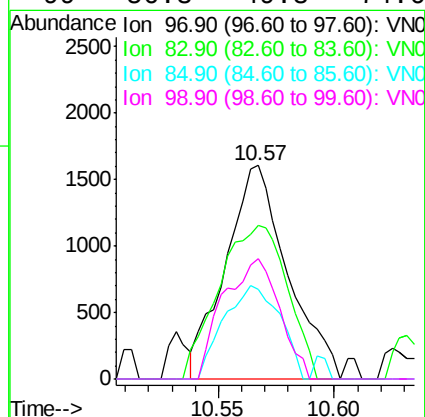
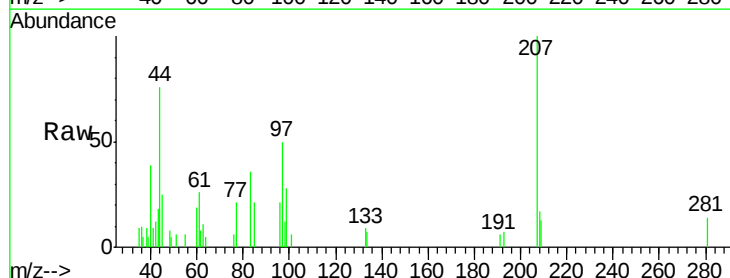
Ion Ratio Lower Upper

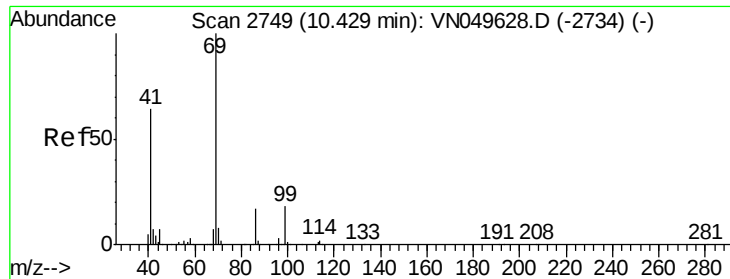
97 100

83 71.9 69.0 103.6

85 42.2 44.9 67.3#

99 56.3 49.8 74.6





#56

Ethyl methacrylate

Concen: 0.221 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. -0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

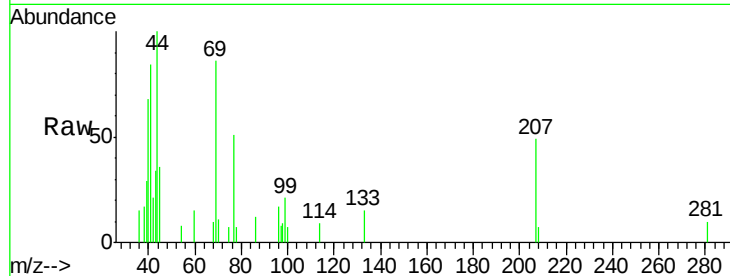
Tgt Ion: 69 Resp: 3615

Ion Ratio Lower Upper

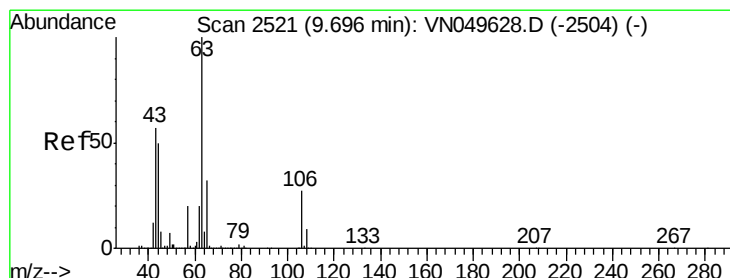
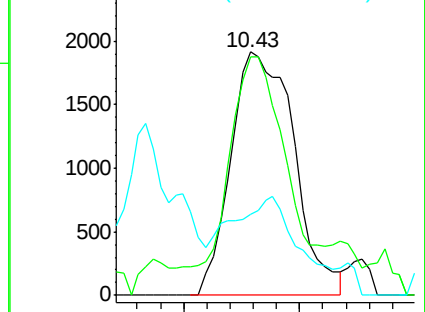
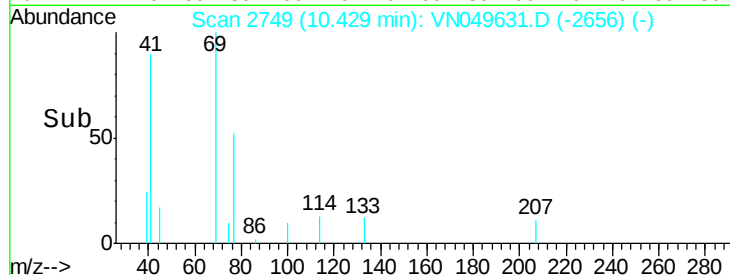
69 100

41 69.9 51.6 77.4

39 30.6 25.8 38.8



Abundance Ion 69.00 (68.70 to 69.70): VN049631.D (-2656) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 0.320 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN049631.D

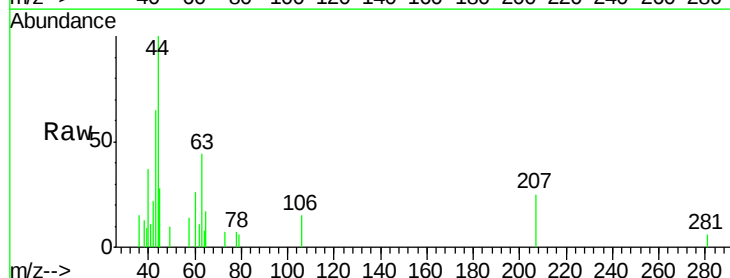
Acq: 29 Jun 2018 13:27

Tgt Ion: 63 Resp: 2440

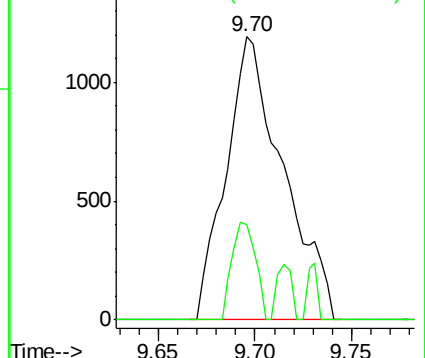
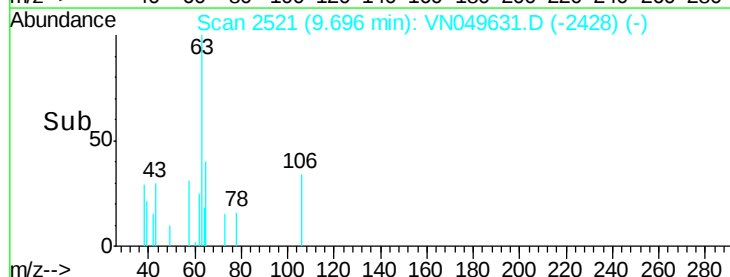
Ion Ratio Lower Upper

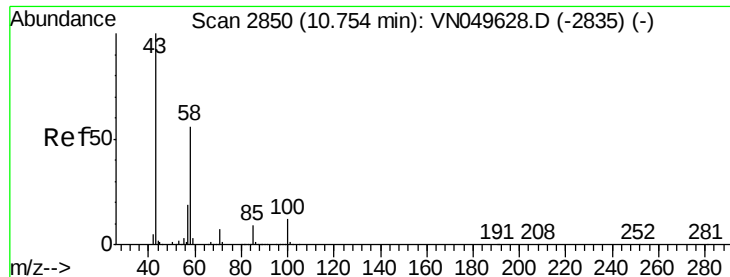
63 100

106 14.1 21.8 32.8#



Abundance Ion 62.90 (62.60 to 63.60): VN049631.D (-2428) (-)

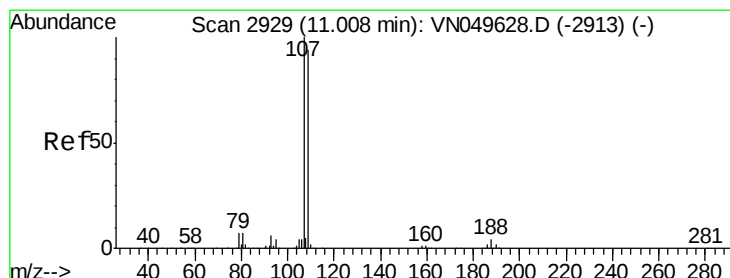
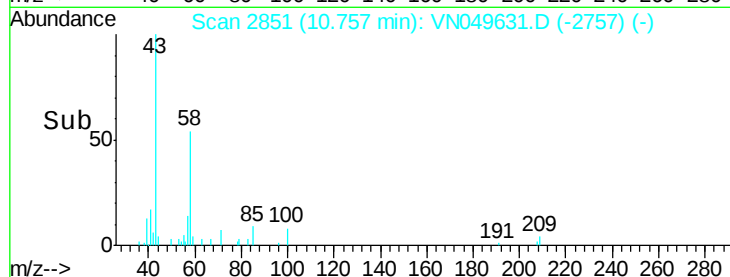
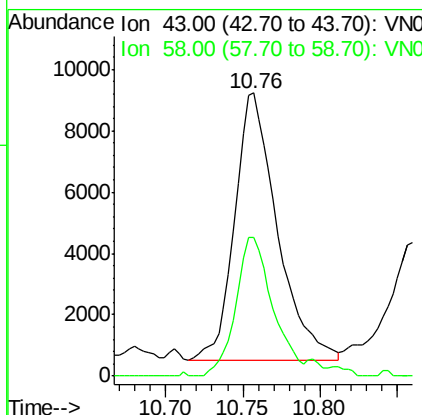
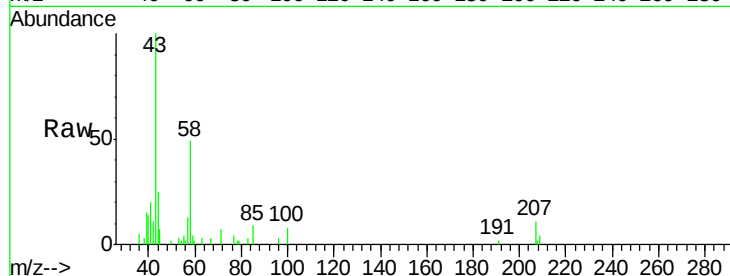




#59
2-Hexanone
Concen: 2.178 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

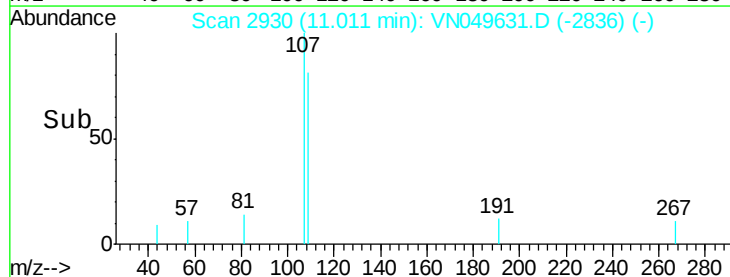
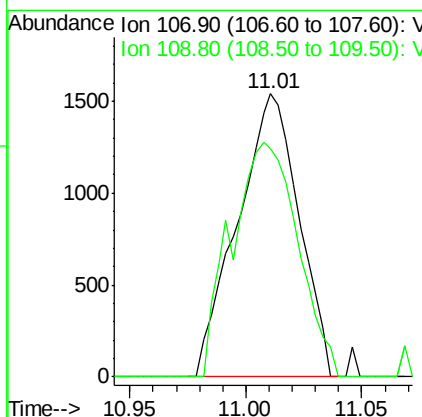
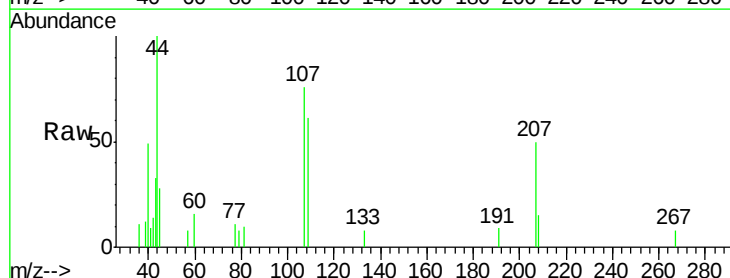
Instrument :
MSVOA_N
ClientSampled :
I.BLK

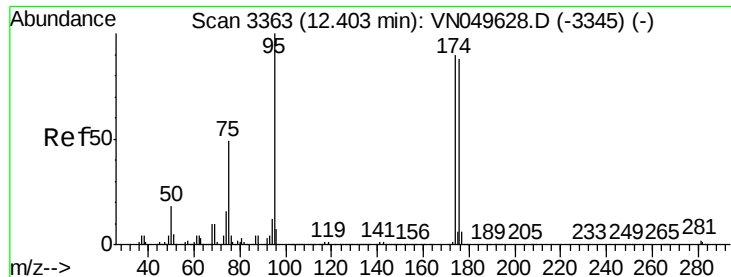
Tgt Ion: 43 Resp: 16756
Ion Ratio Lower Upper
43 100
58 45.0 27.8 83.4



#61
1,2-Dibromoethane
Concen: 0.211 ug/l
RT: 11.01 min Scan# 2930
Delta R.T. 0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Tgt Ion: 107 Resp: 2826
Ion Ratio Lower Upper
107 100
109 90.2 75.0 112.6

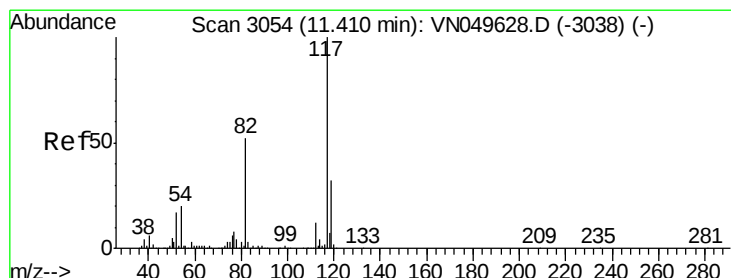
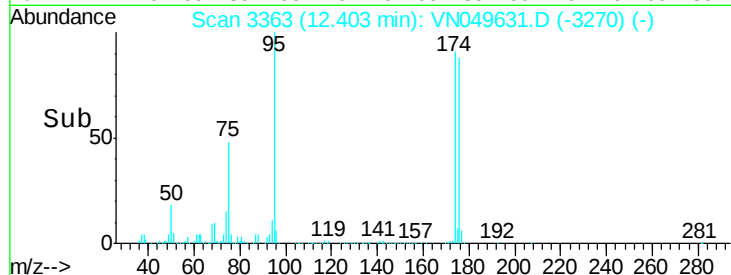
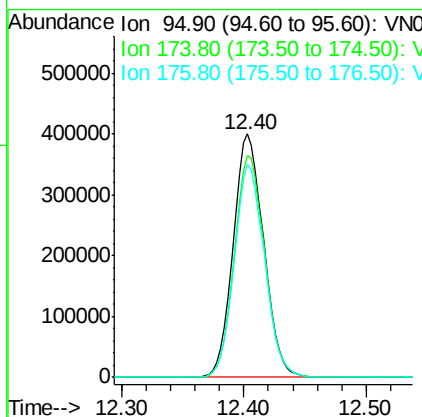
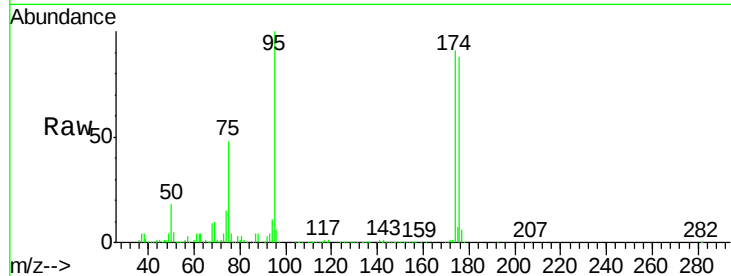




#62
4-Bromofluorobenzene
Concen: 38.281 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

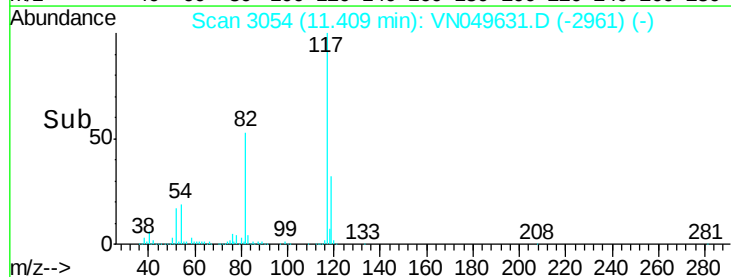
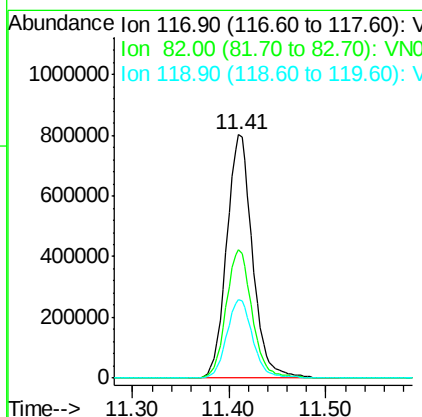
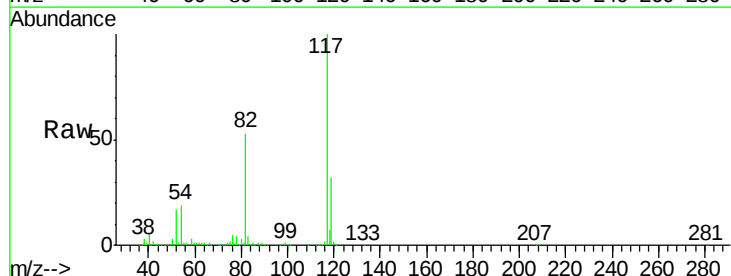
Instrument :
MSVOA_N
ClientSampled :
I.BLK

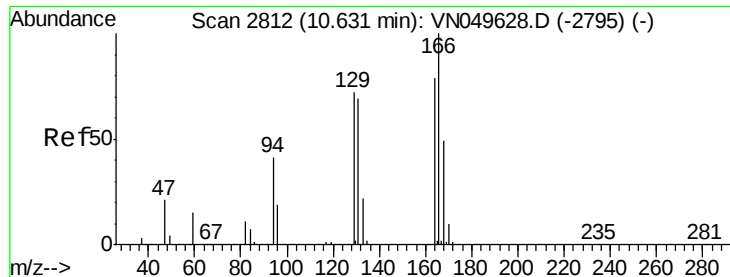
Tgt Ion: 95 Resp: 691561
Ion Ratio Lower Upper
95 100
174 91.2 0.0 179.6
176 87.2 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Tgt Ion: 117 Resp: 1485284
Ion Ratio Lower Upper
117 100
82 52.7 41.9 62.9
119 32.1 25.4 38.2





#64

Tetrachloroethene

Concen: 0.417 ug/l

RT: 10.63 min Scan# 2811

Delta R.T. -0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

I.BLK

Tgt Ion:164 Resp: 8387

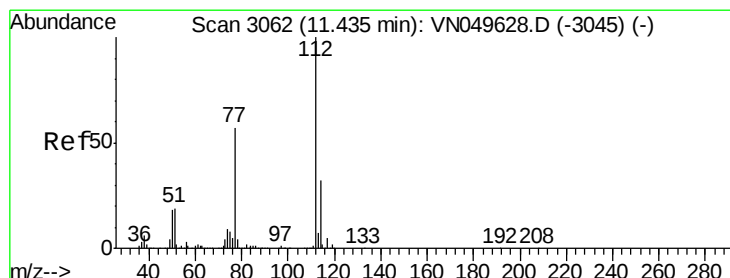
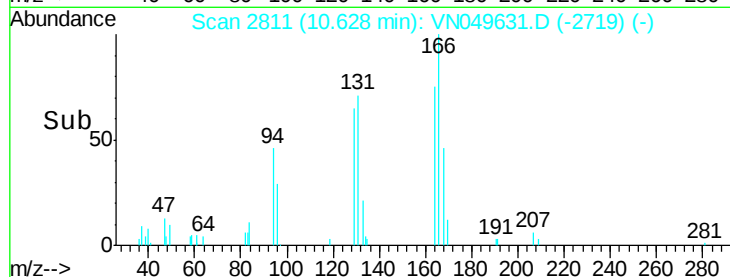
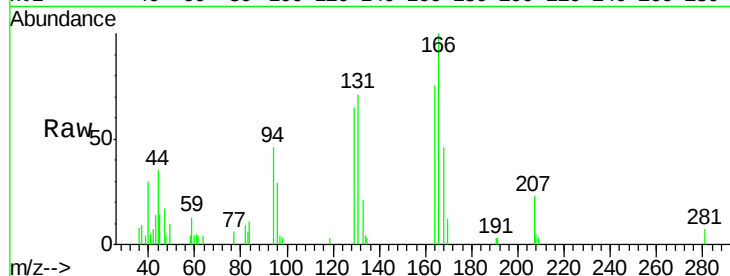
Ion Ratio Lower Upper

164 100

166 133.2 101.8 152.6

129 86.6 72.8 109.2

131 94.5 70.0 105.0



#65

Chlorobenzene

Concen: 0.466 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049631.D

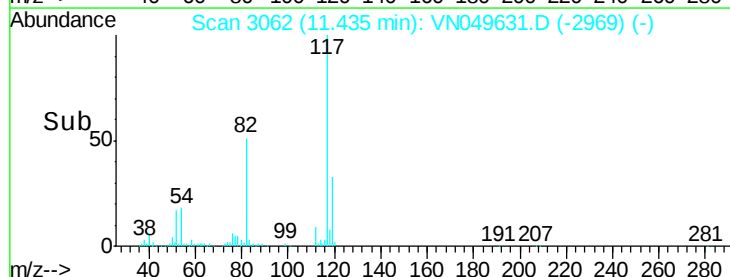
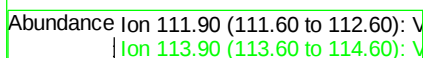
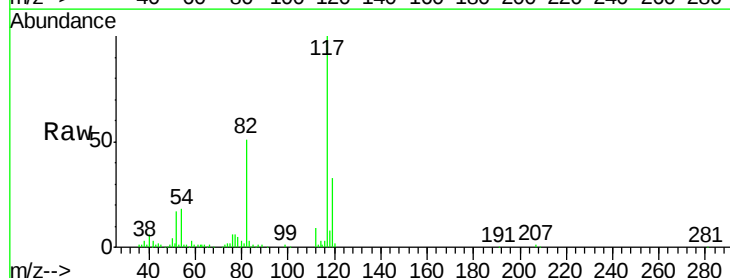
Acq: 29 Jun 2018 13:27

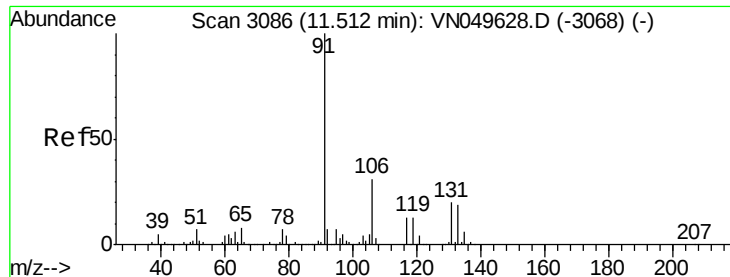
Tgt Ion:112 Resp: 18048

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.0

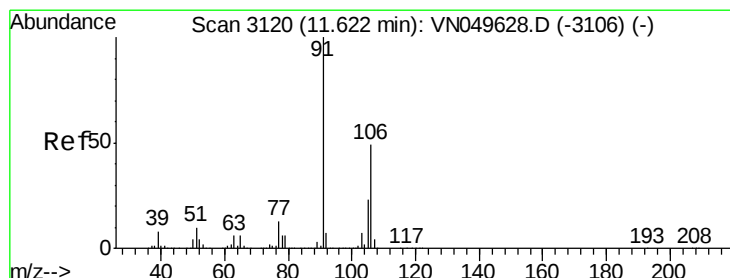
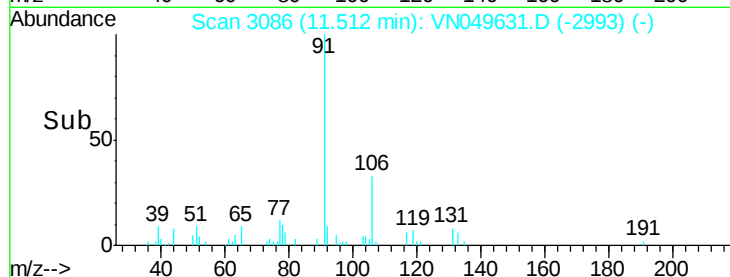
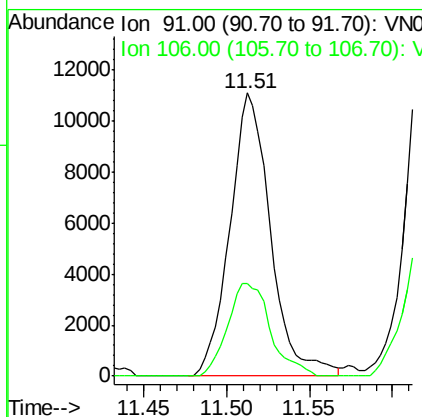
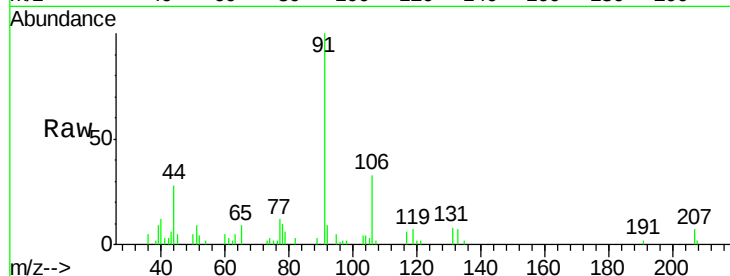




#67
Ethyl Benzene
Concen: 0.295 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

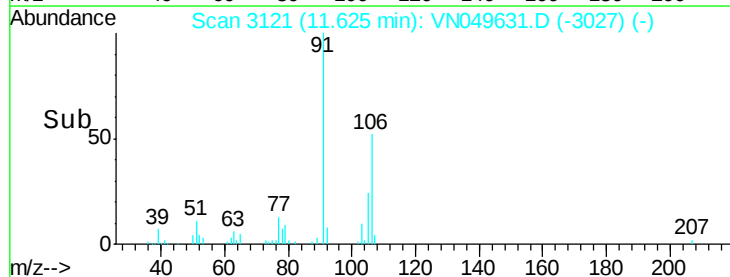
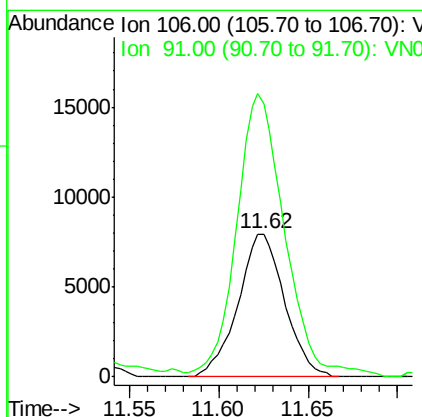
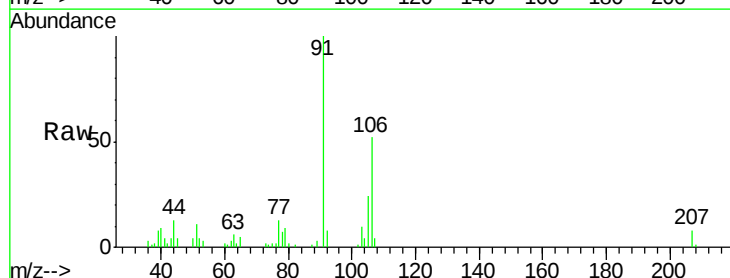
Instrument :
MSVOA_N
ClientSampled :
I.BLK

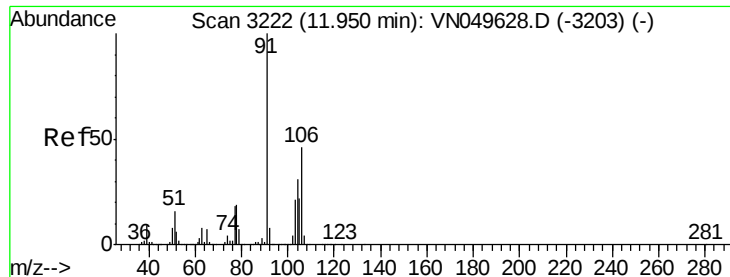
Tgt Ion: 91 Resp: 18922
Ion Ratio Lower Upper
91 100
106 32.8 24.8 37.2



#68
m/p-Xylenes
Concen: 0.589 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Tgt Ion: 106 Resp: 14446
Ion Ratio Lower Upper
106 100
91 205.9 163.4 245.2

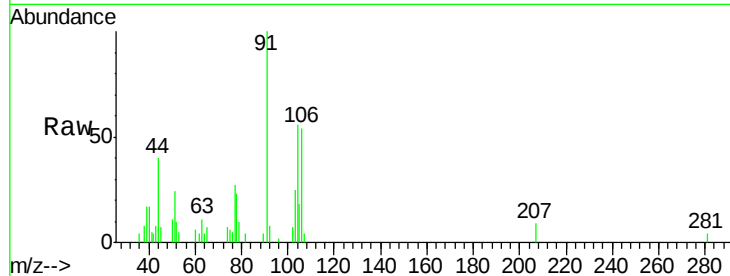




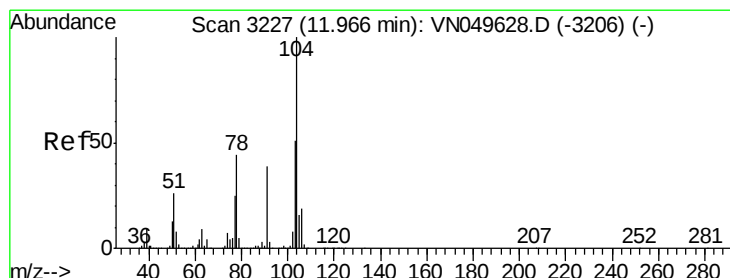
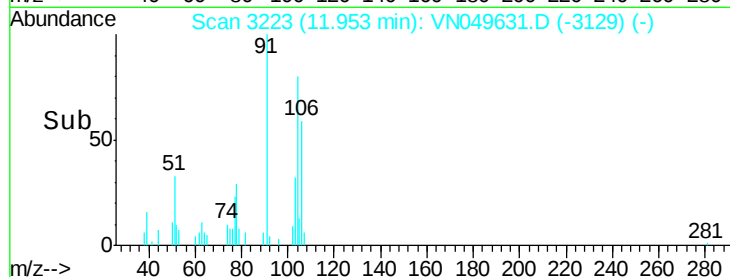
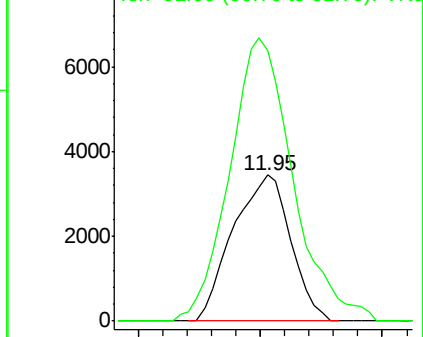
#69
o-Xylene
Concen: 0.241 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Instrument :
MSVOA_N
ClientSampled :
I.BLK

Tgt Ion:106 Resp: 5657
Ion Ratio Lower Upper
106 100
91 212.6 108.7 326.1

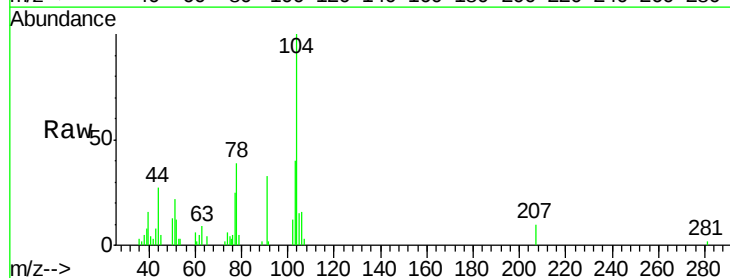


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

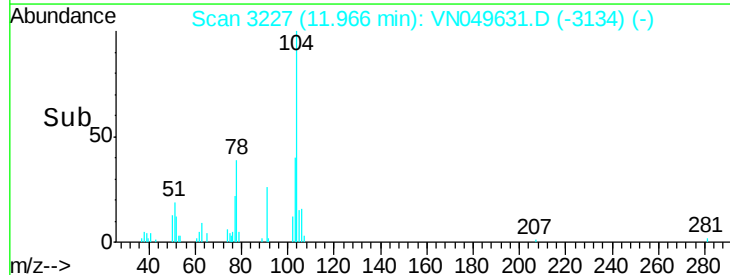
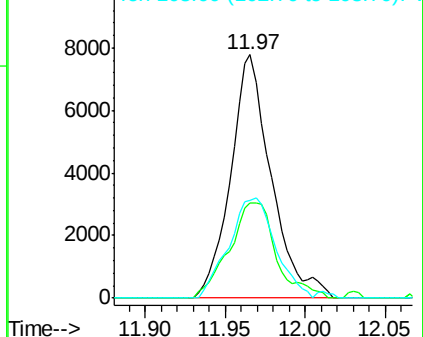


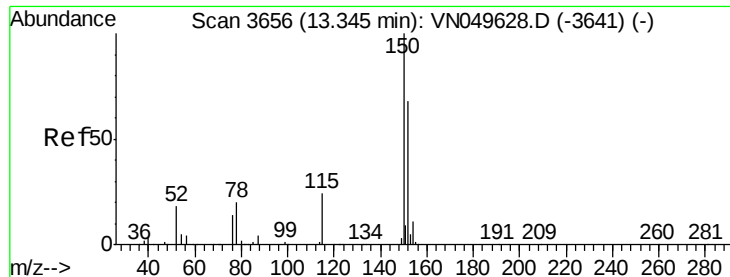
#70
Styrene
Concen: 0.353 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Tgt Ion:104 Resp: 13440
Ion Ratio Lower Upper
104 100
78 45.4 39.2 58.8
103 47.2 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

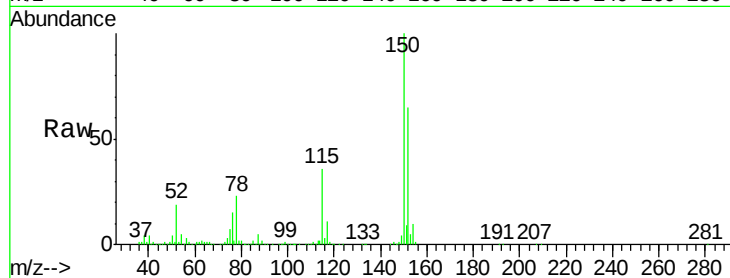
Tgt Ion:152 Resp: 567204

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

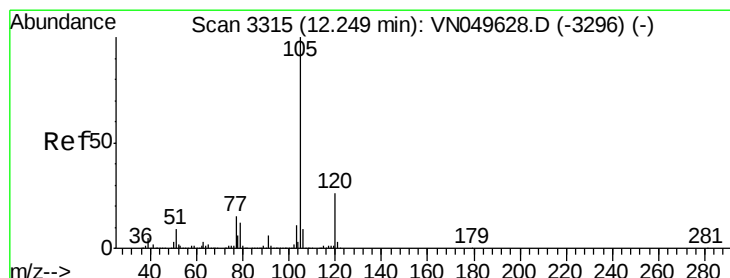
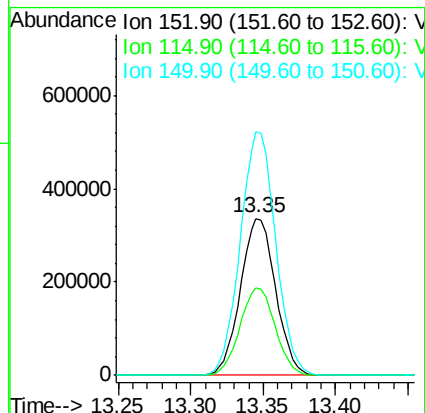
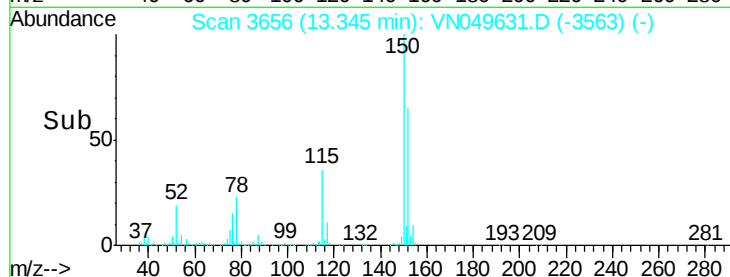
150 156.4 0.0 347.6



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: 0.324 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049631.D

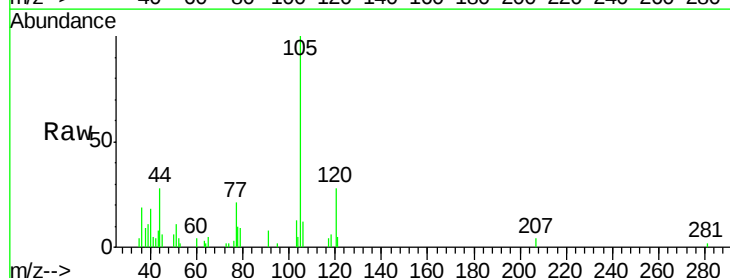
Acq: 29 Jun 2018 13:27

Tgt Ion:105 Resp: 14625

Ion Ratio Lower Upper

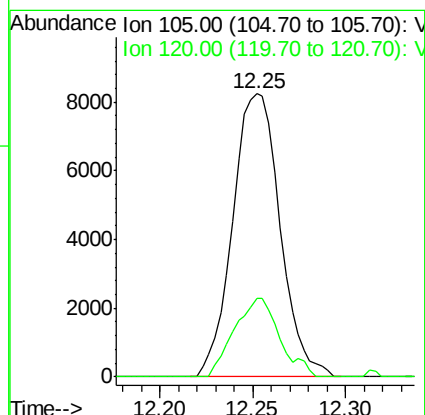
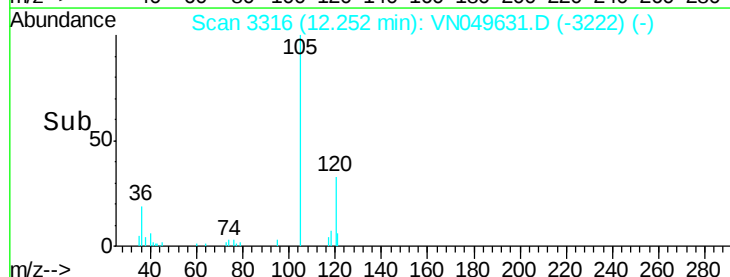
105 100

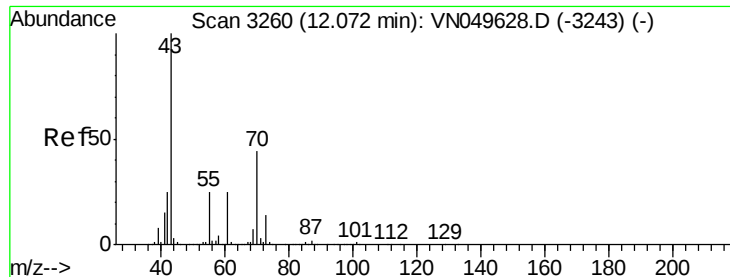
120 26.6 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.633 ug/l

RT: 12.08 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

I.BLK

Tgt Ion: 43 Resp: 7817

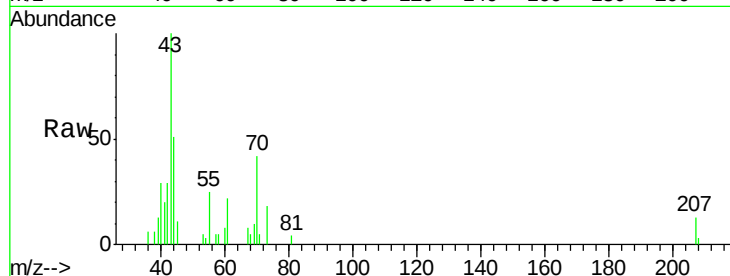
Ion Ratio Lower Upper

43 100

70 38.8 34.8 52.2

55 29.5 20.9 31.3

61 26.2 19.9 29.9

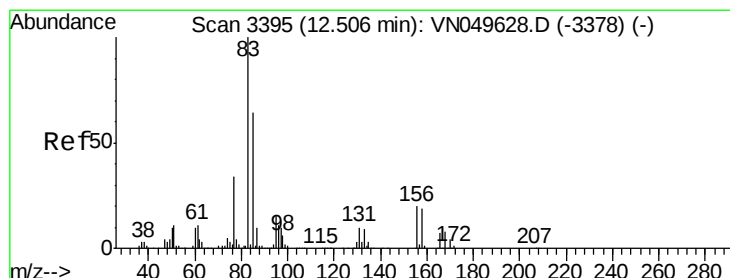
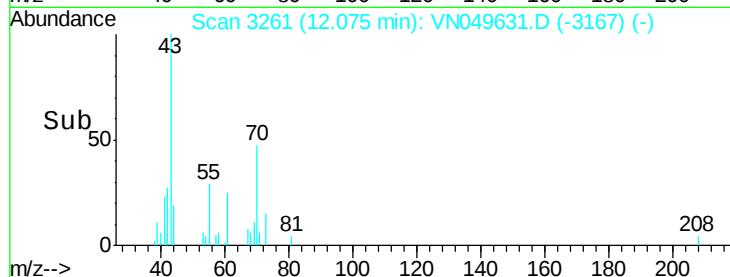
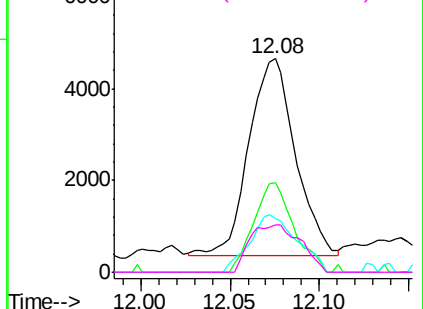


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 0.351 ug/l

RT: 12.51 min Scan# 3396

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

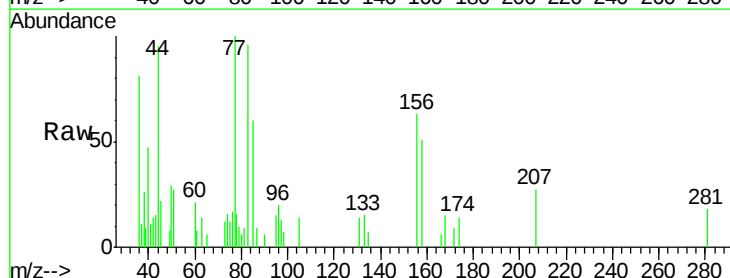
Tgt Ion: 83 Resp: 3741

Ion Ratio Lower Upper

83 100

131 8.7 5.2 15.6

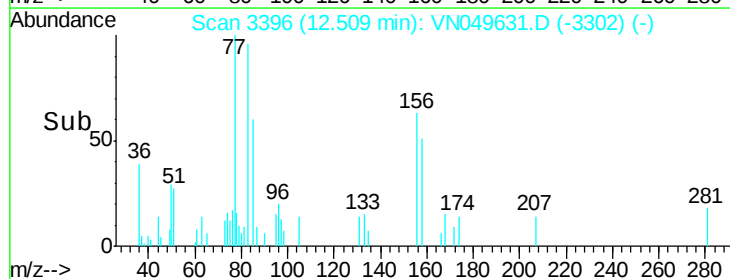
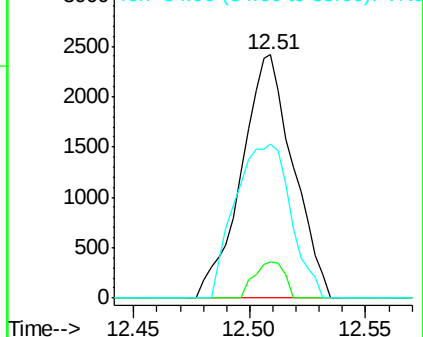
85 67.8 32.5 97.4

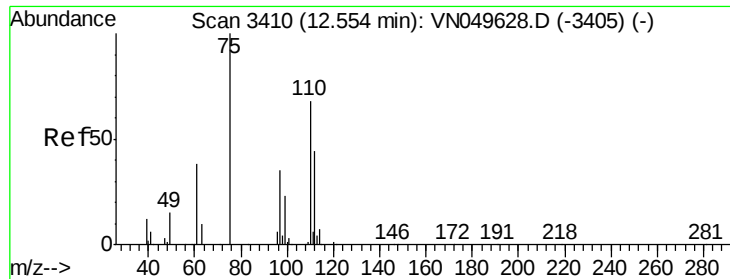


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 33.859 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

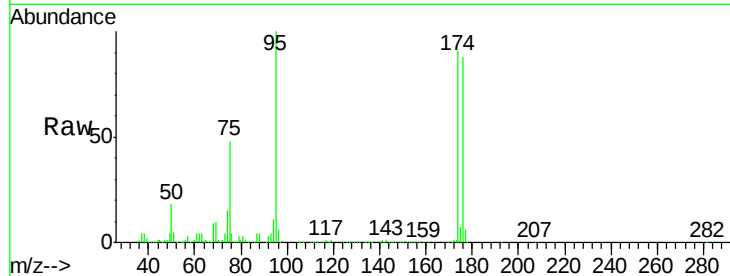
I.BLK

Tgt Ion: 75 Resp: 333409

Ion Ratio Lower Upper

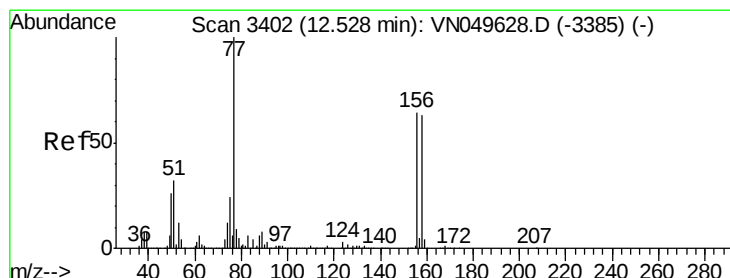
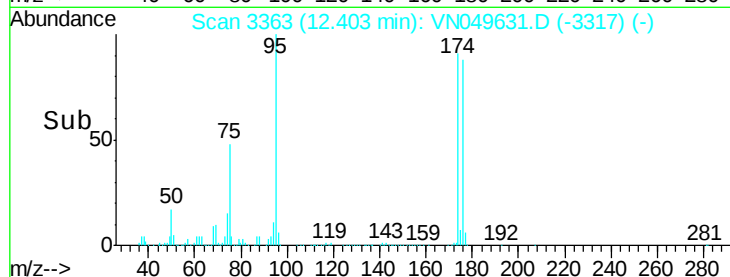
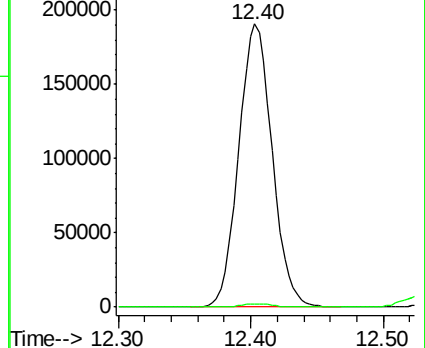
75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN049631.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049631.D (-3317) (-)



#77

Bromobenzene

Concen: 0.844 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

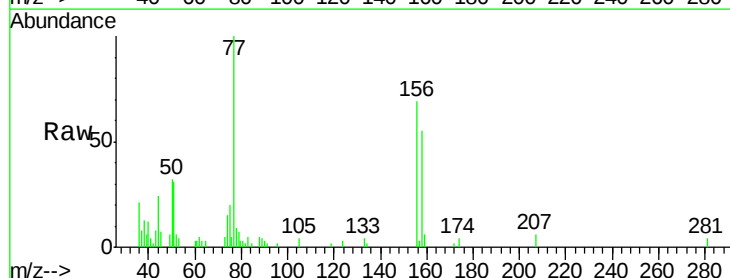
Tgt Ion: 156 Resp: 10368

Ion Ratio Lower Upper

156 100

77 160.9 90.2 270.6

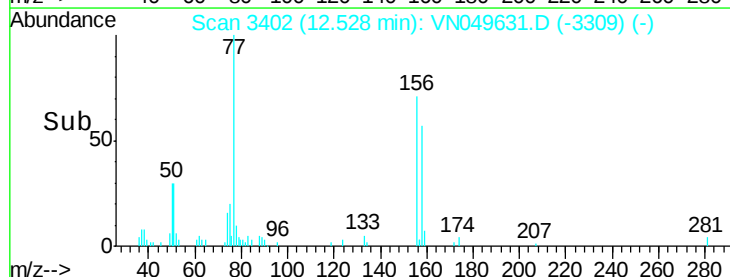
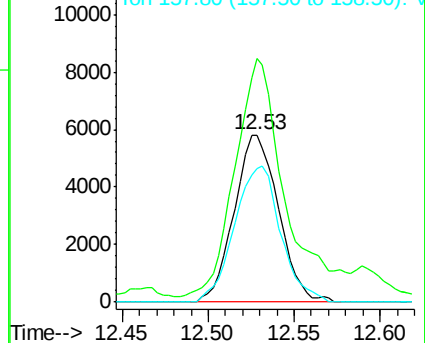
158 84.8 49.1 147.3

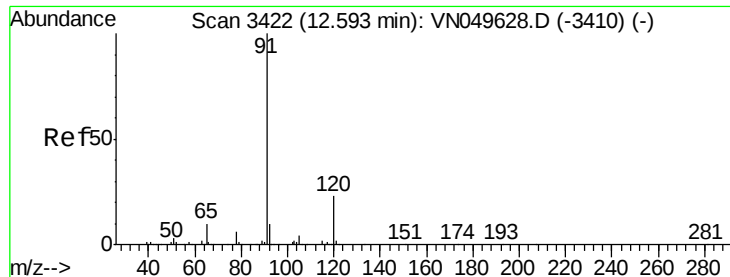


Abundance Ion 155.80 (155.50 to 156.50): VN049631.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN049631.D (-3309) (-)

Ion 157.80 (157.50 to 158.50): VN049631.D (-3309) (-)





#78

n-propylbenzene

Concen: 0.593 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

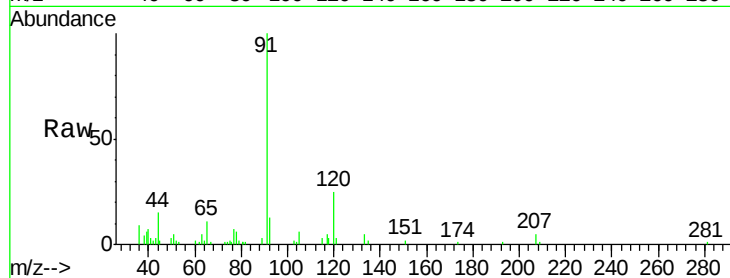
I.BLK

Tgt Ion: 91 Resp: 30700

Ion Ratio Lower Upper

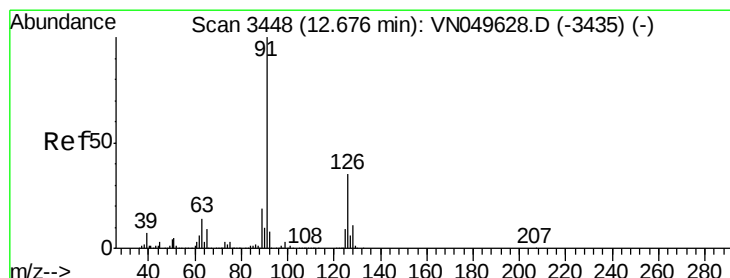
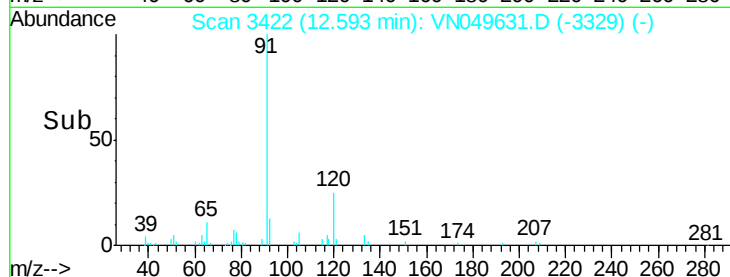
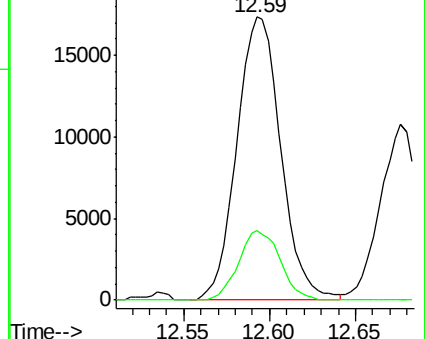
91 100

120 23.2 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.545 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049631.D

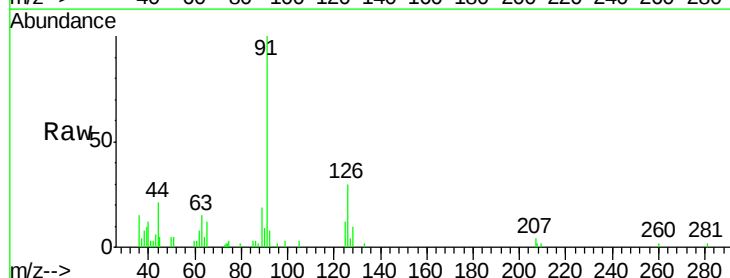
Acq: 29 Jun 2018 13:27

Tgt Ion: 91 Resp: 17858

Ion Ratio Lower Upper

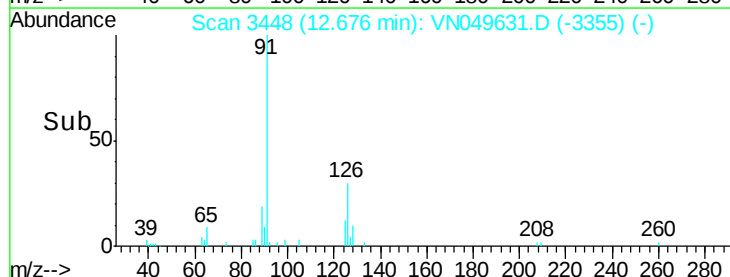
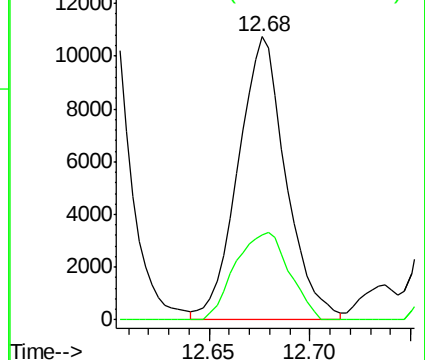
91 100

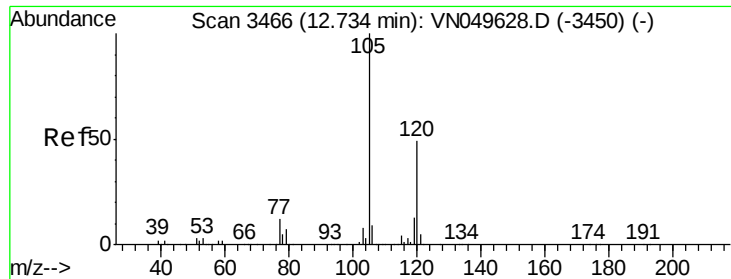
126 34.7 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.396 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

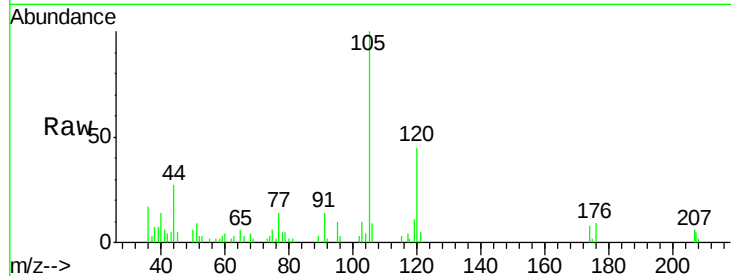
I.BLK

Tgt Ion:105 Resp: 14859

Ion Ratio Lower Upper

105 100

120 47.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

10000

8000

6000

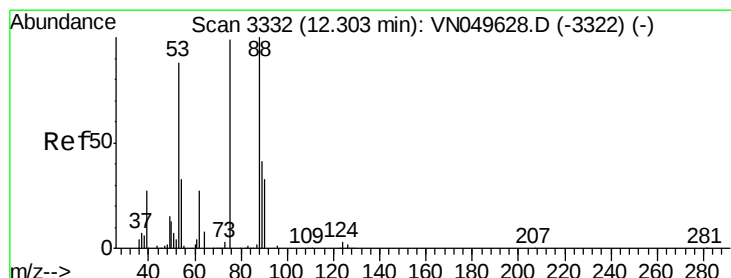
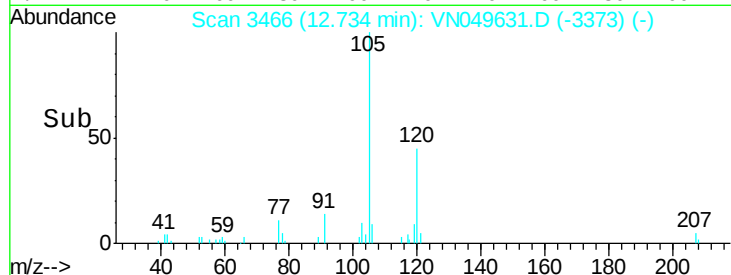
4000

2000

0

Time-->

12.70 12.75 12.80



#81

trans-1,4-Dichloro-2-butene

Concen: 124.484 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

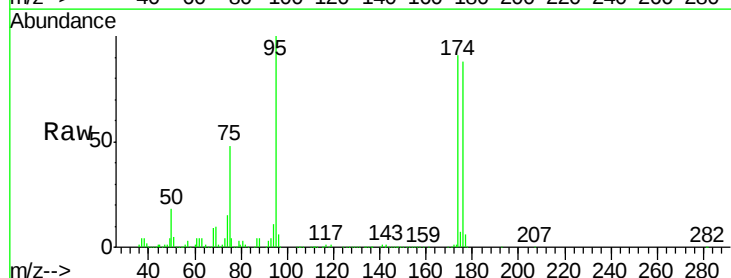
Tgt Ion: 75 Resp: 333409

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

89 0.0 35.9 53.9#



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

250000

200000

150000

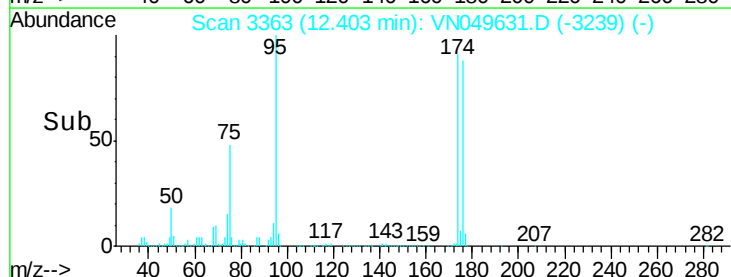
100000

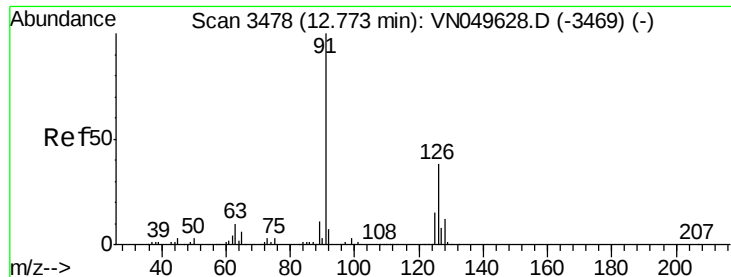
50000

0

Time-->

12.30 12.40 12.50





#82

4-Chlorotoluene

Concen: 0.867 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

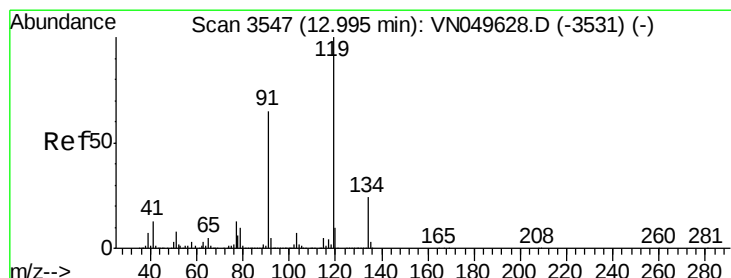
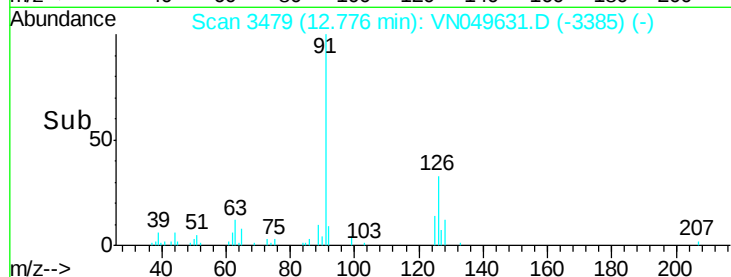
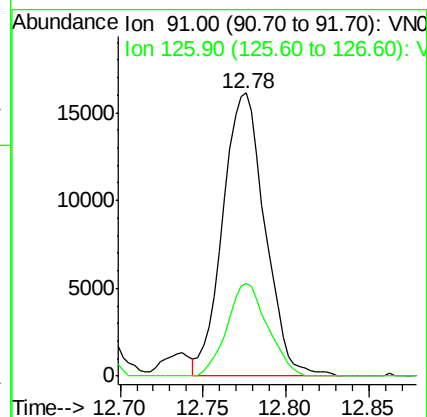
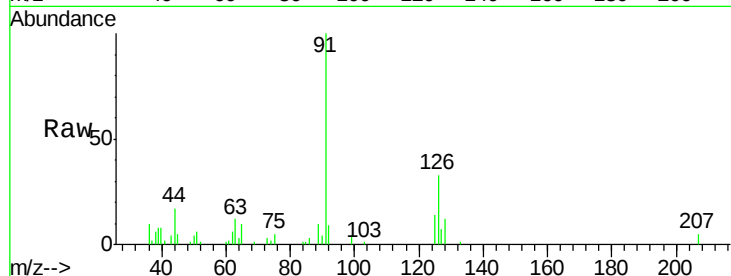
I.BLK

Tgt Ion: 91 Resp: 28558

Ion Ratio Lower Upper

91 100

126 31.4 17.2 51.6



#83

tert-Butylbenzene

Concen: 0.401 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

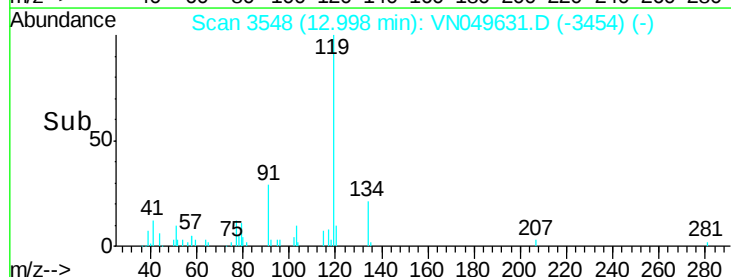
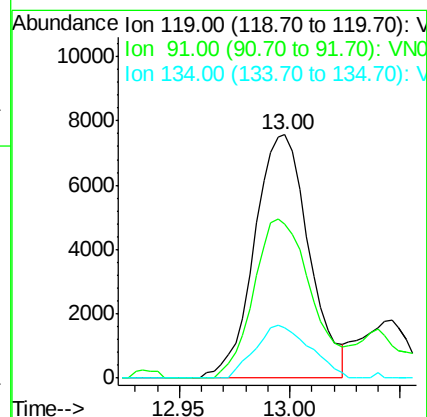
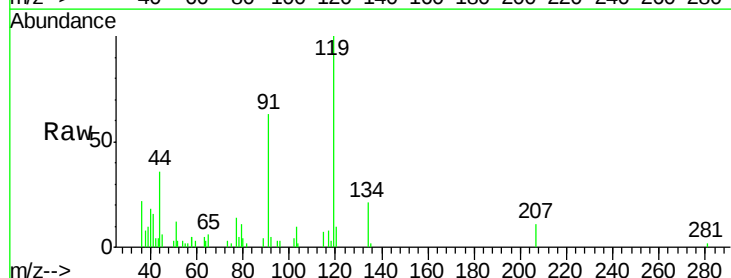
Tgt Ion: 119 Resp: 12921

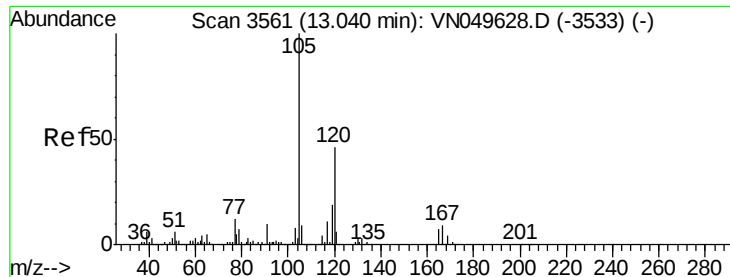
Ion Ratio Lower Upper

119 100

91 68.7 32.0 96.2

134 22.0 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 0.529 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

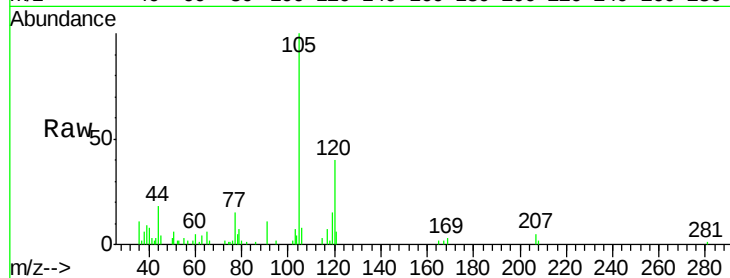
I.BLK

Tgt Ion:105 Resp: 20423

Ion Ratio Lower Upper

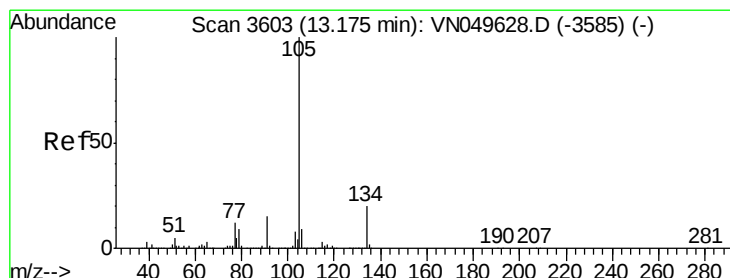
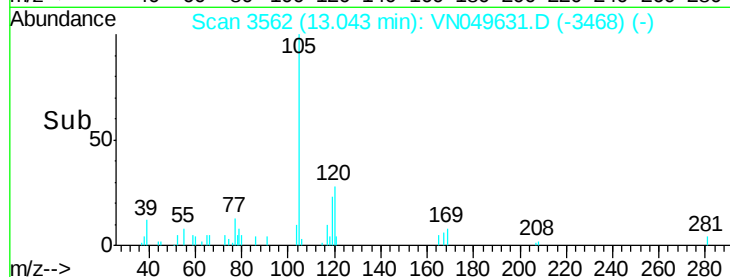
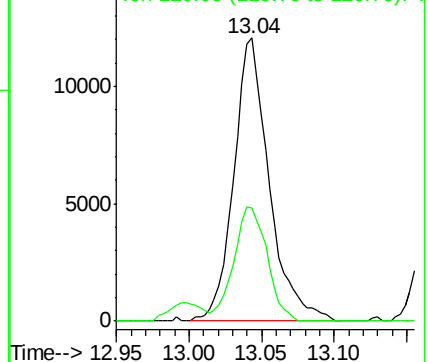
105 100

120 38.0 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.476 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049631.D

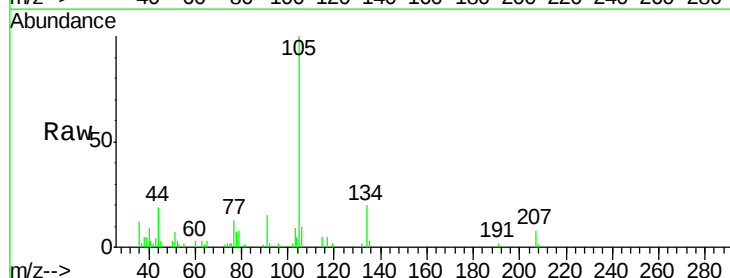
Acq: 29 Jun 2018 13:27

Tgt Ion:105 Resp: 20359

Ion Ratio Lower Upper

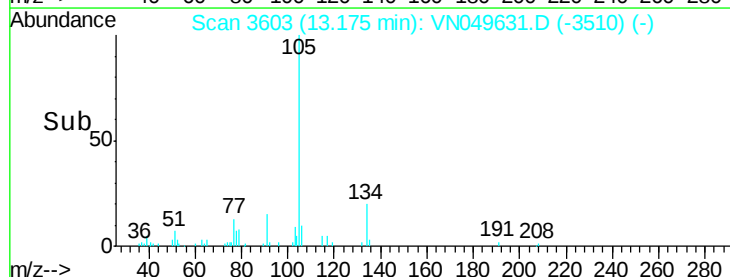
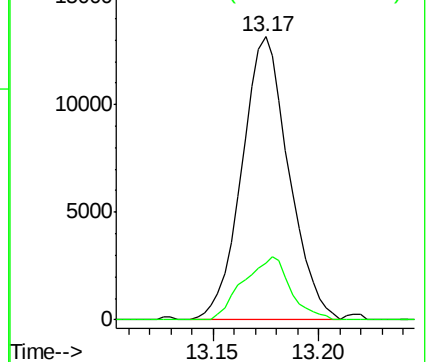
105 100

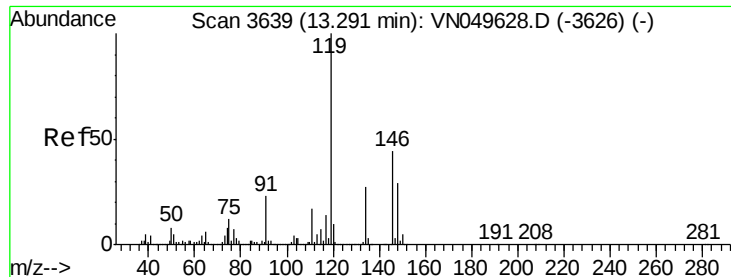
134 22.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

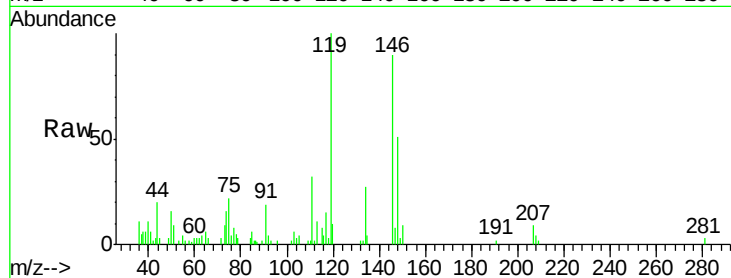




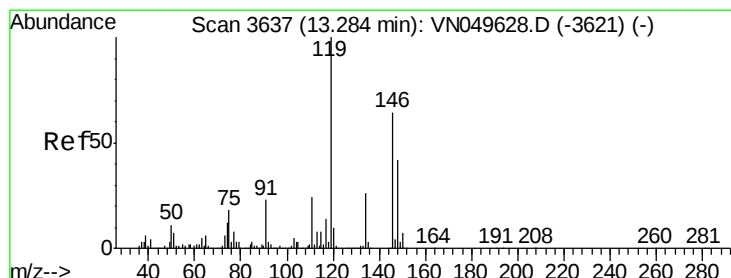
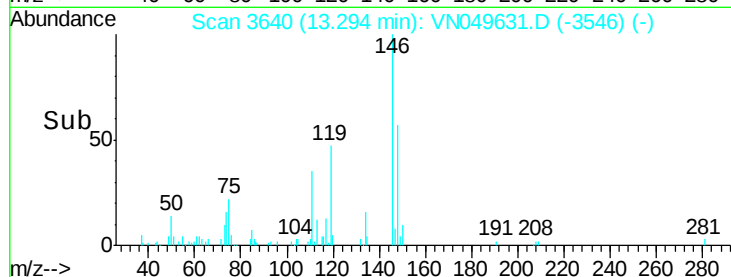
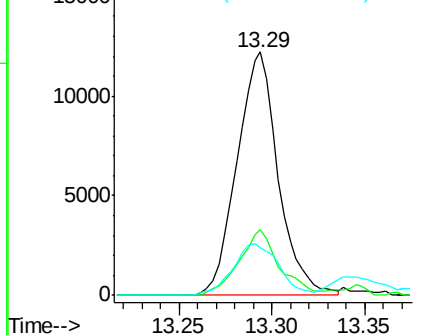
#86
p-Isopropyltoluene
Concen: 0.507 ug/l
RT: 13.29 min Scan# 3640
Delta R.T. 0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.3	39.9
91	23.5	11.4	34.1

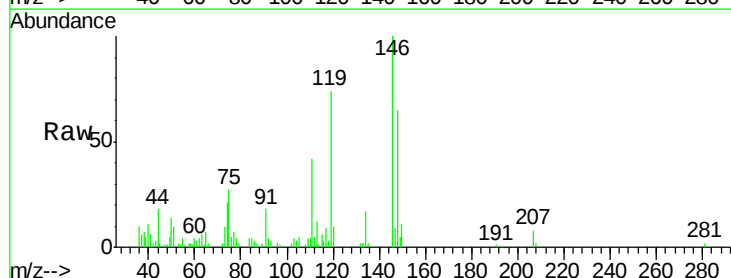


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

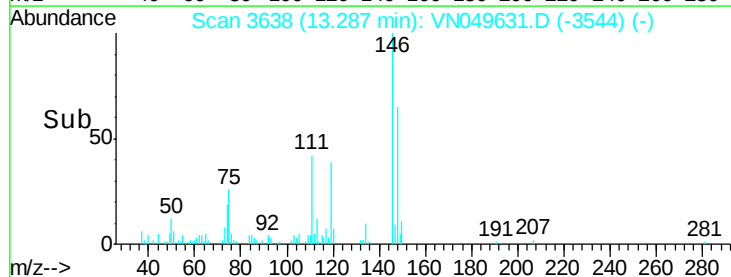
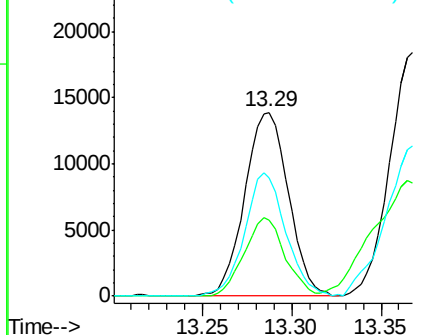


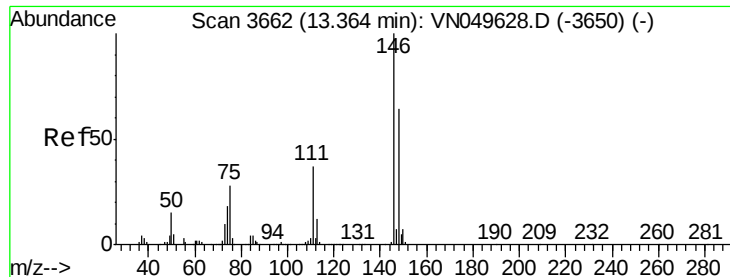
#87
1,3-Dichlorobenzene
Concen: 1.047 ug/l
RT: 13.29 min Scan# 3638
Delta R.T. 0.00 min
Lab File: VN049631.D
Acq: 29 Jun 2018 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.0	57.0
148	62.8	32.5	97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 1.049 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. -0.08 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

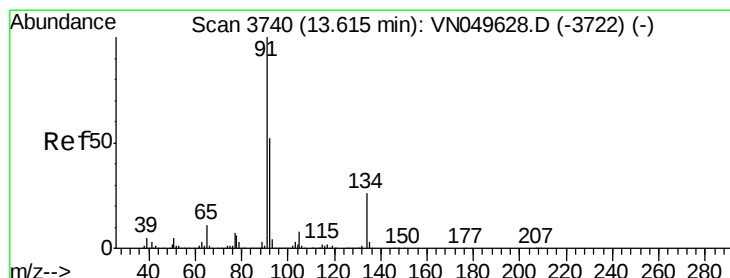
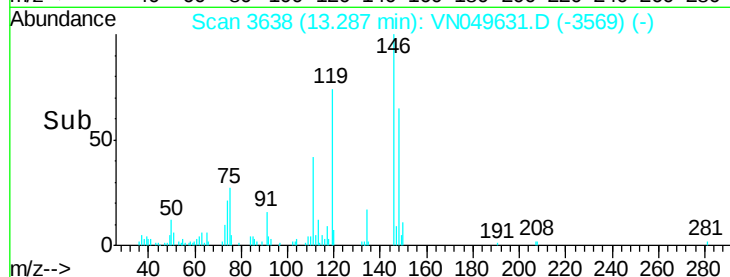
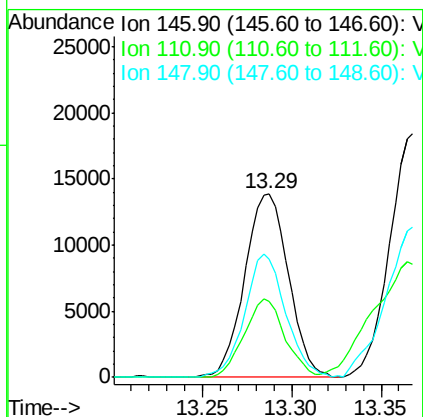
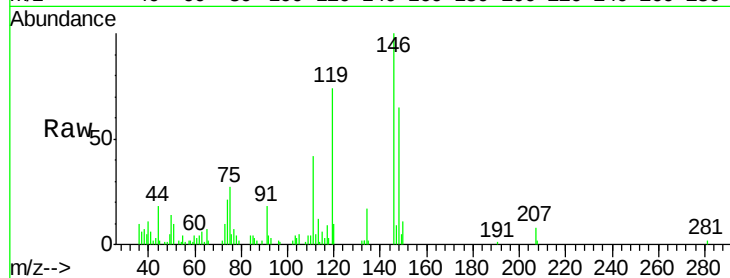
Instrument :

MSVOA_N

ClientSampled :

I.BLK

Tgt Ion:	146	Resp:	23753
Ion	Ratio	Lower	Upper
146	100		
111	39.8	18.9	56.5
148	62.8	32.1	96.3



#89

n-Butylbenzene

Concen: 0.798 ug/l

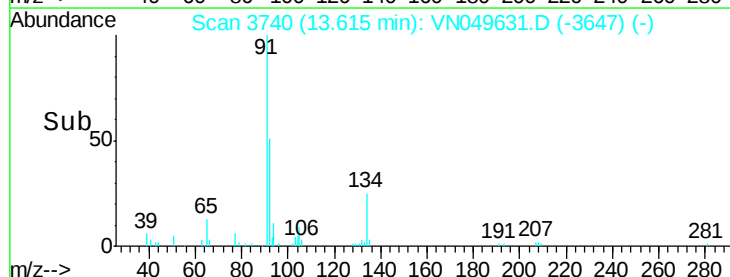
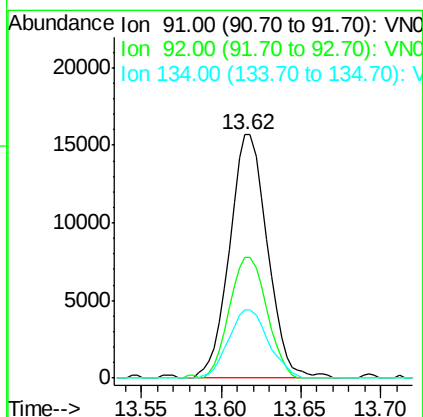
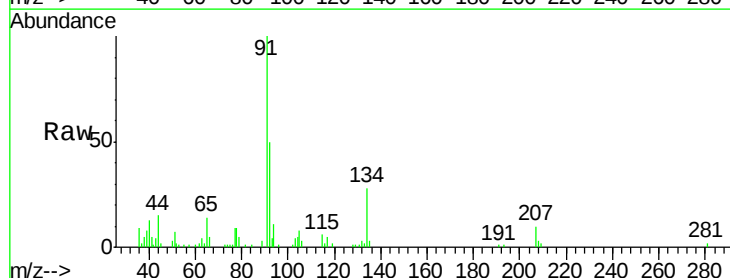
RT: 13.62 min Scan# 3740

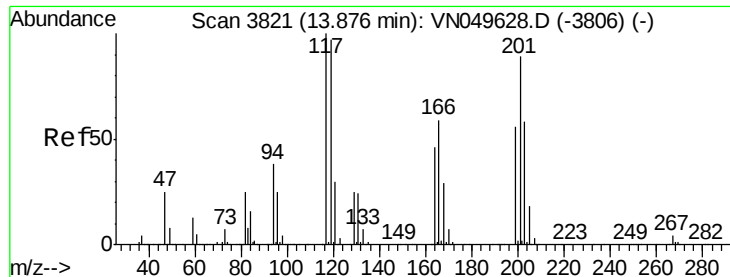
Delta R.T. -0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Tgt Ion:	91	Resp:	25282
Ion	Ratio	Lower	Upper
91	100		
92	48.9	25.8	77.3
134	29.5	13.0	38.9





#90

Hexachloroethane

Concen: 0.273 ug/l

RT: 13.87 min Scan# 3819

Delta R.T. -0.01 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

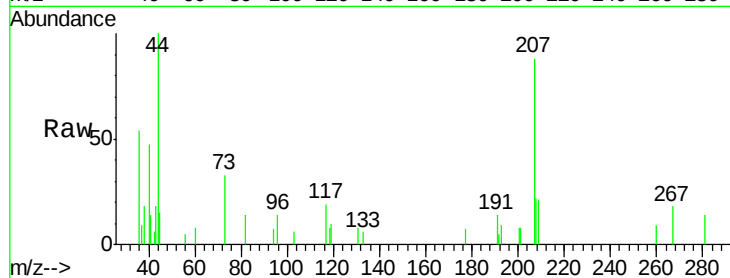
I.BLK

Tgt Ion:117 Resp: 1062

Ion Ratio Lower Upper

117 100

201 74.4 45.3 135.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.87

600

500

400

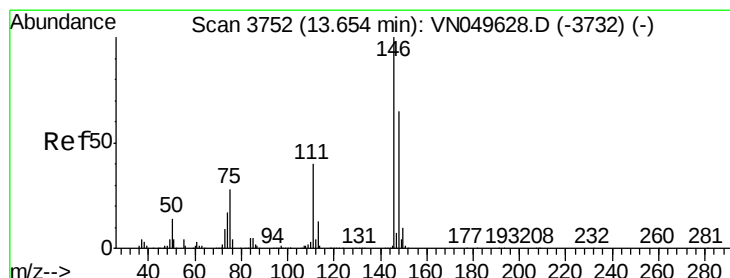
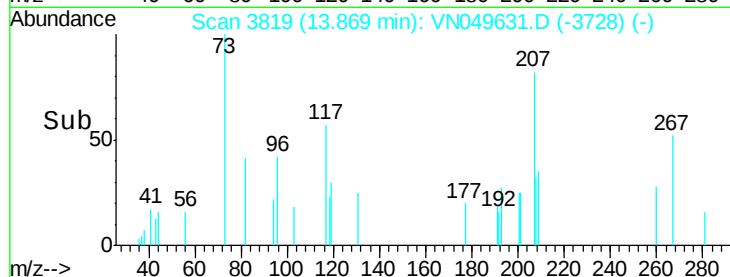
300

200

100

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 1.121 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

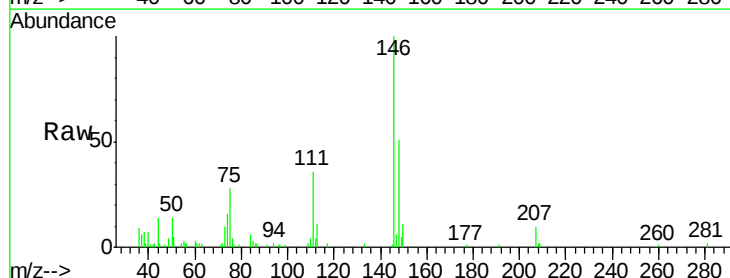
Tgt Ion:146 Resp: 24716

Ion Ratio Lower Upper

146 100

111 37.6 19.7 59.1

148 55.8 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

20000

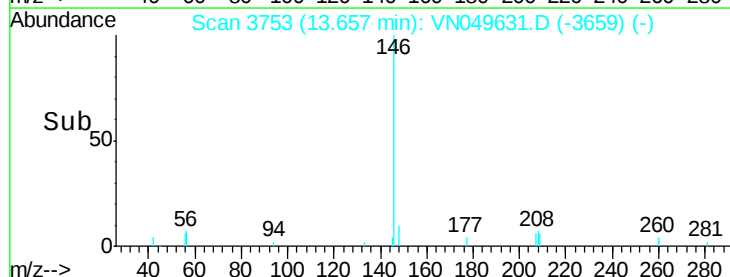
15000

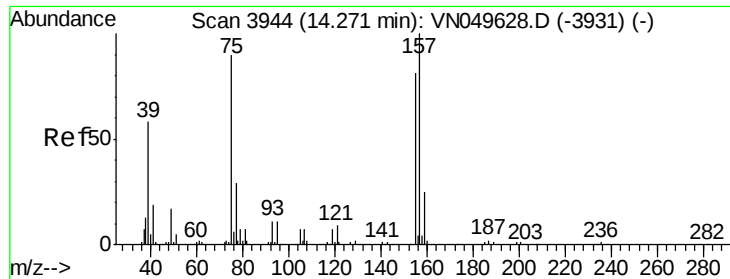
10000

5000

0

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.590 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampled :

I.BLK

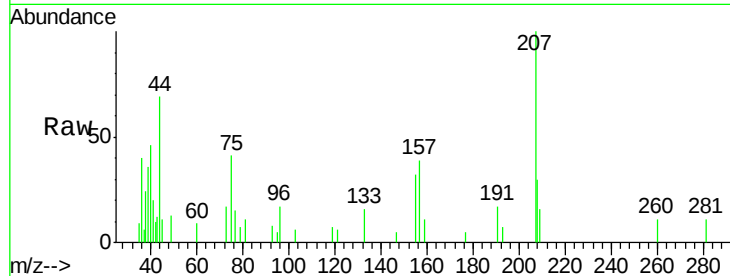
Tgt Ion: 75 Resp: 2960

Ion Ratio Lower Upper

75 100

155 64.3 45.7 137.1

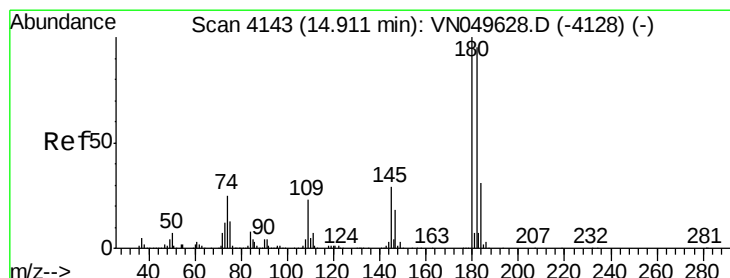
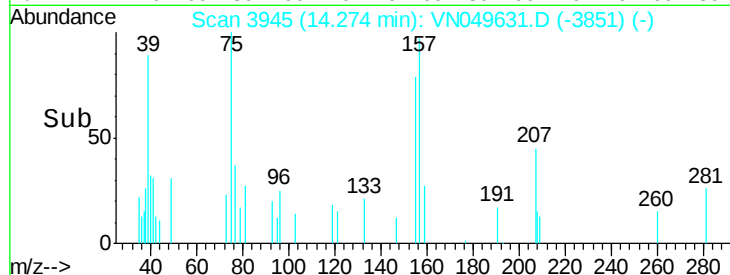
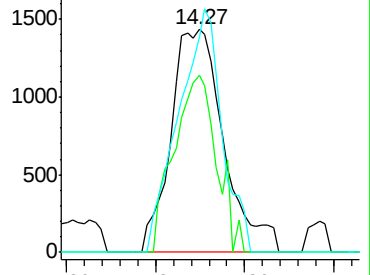
157 89.3 56.9 170.7



Abundance Ion 74.90 (74.60 to 75.60): VN049631.D (-3851) (-)

Ion 154.80 (154.50 to 155.50): VN049631.D (-3851) (-)

Ion 156.80 (156.50 to 157.50): VN049631.D (-3851) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.844 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

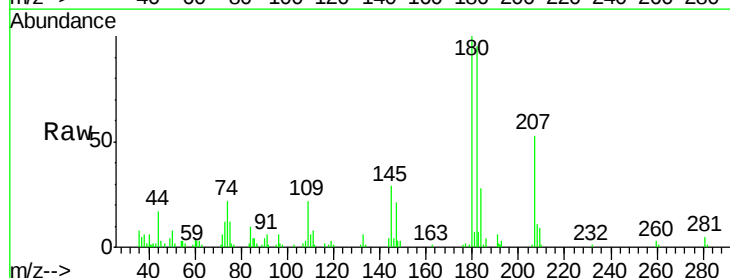
Tgt Ion: 180 Resp: 28871

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

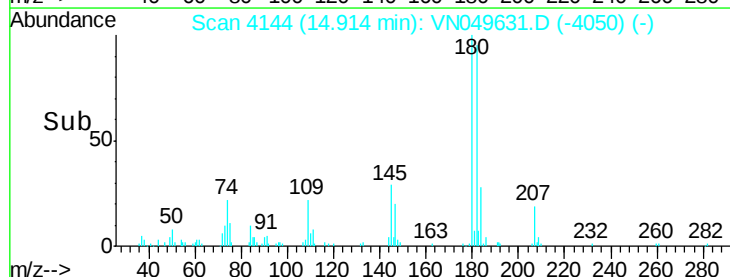
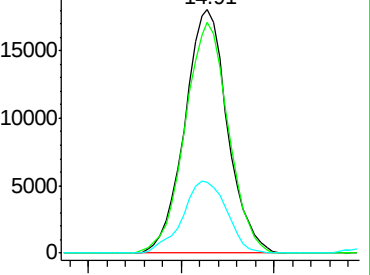
145 30.5 14.4 43.0

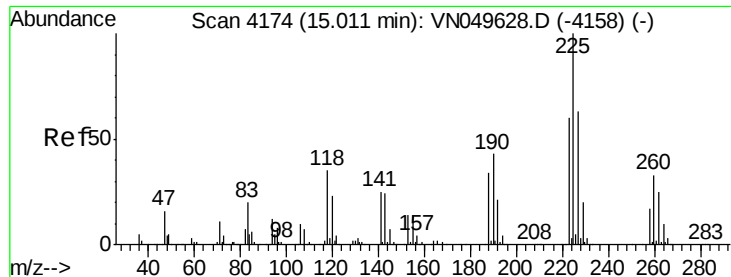


Abundance Ion 179.80 (179.50 to 180.50): VN049631.D (-4050) (-)

Ion 181.80 (181.50 to 182.50): VN049631.D (-4050) (-)

Ion 144.80 (144.50 to 145.50): VN049631.D (-4050) (-)





#94

Hexachlorobutadiene

Concen: 2.947 ug/l

RT: 15.02 min Scan# 4176

Delta R.T. 0.01 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

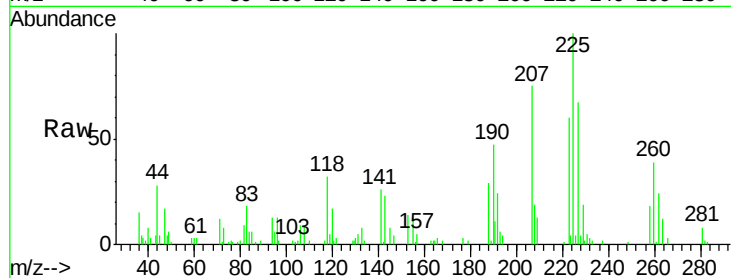
Tgt Ion:225 Resp: 20748

Ion Ratio Lower Upper

225 100

223 64.9 30.9 92.7

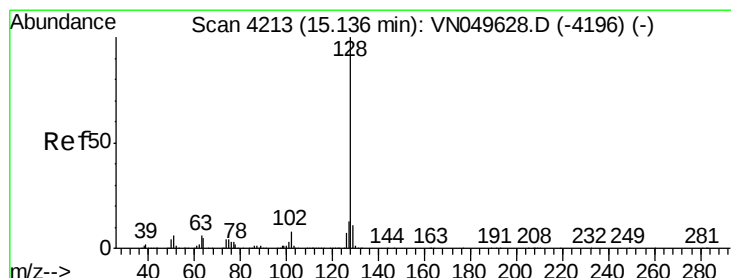
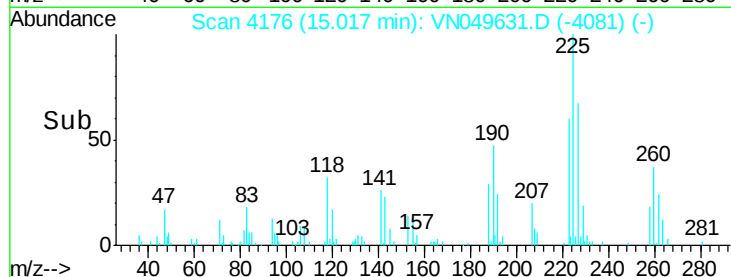
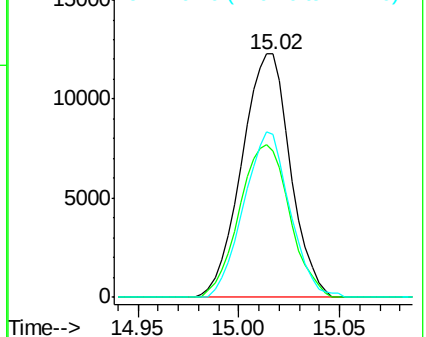
227 64.4 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.557 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049631.D

Acq: 29 Jun 2018 13:27

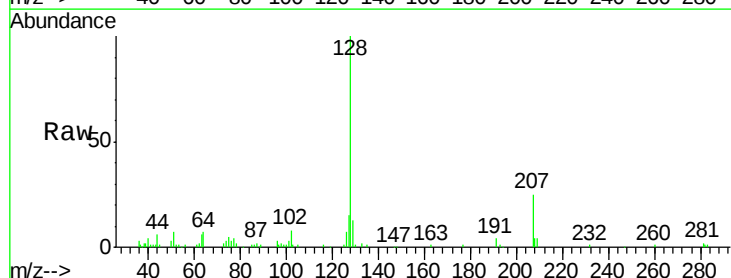
Tgt Ion:128 Resp: 77477

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

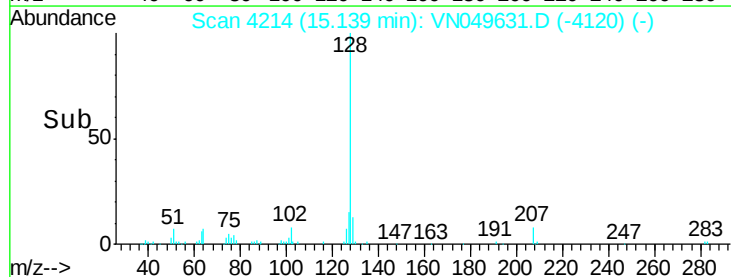
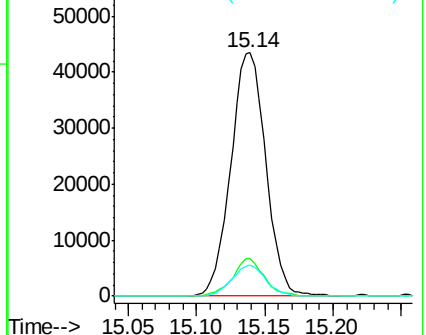
129 12.2 8.6 13.0

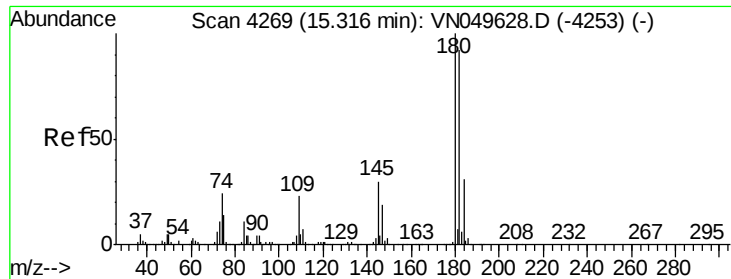


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.588 ug/l
 RT: 15.32 min Scan# 4270
 Delta R.T. 0.00 min
 Lab File: VN049631.D
 Acq: 29 Jun 2018 13:27

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.4	142.2
145	33.8	15.2	45.6

