

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049907.D
 Acq On : 19 Jul 2018 11:16
 Operator : MD\SY
 Sample : VN0719WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

Quant Time: Jul 20 01:26:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	585672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	857448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	801151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	444340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	403223	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	7.59	113	355974	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.09	98	1342503	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.40	95	470249	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	109683	19.67	ug/l	97
3) Chloromethane	2.06	50	153951	19.26	ug/l	100
4) Vinyl Chloride	2.18	62	156425	18.35	ug/l	100
5) Bromomethane	2.57	94	114390	22.96	ug/l	99
6) Chloroethane	2.71	64	100206	17.99	ug/l	100
7) Trichlorofluoromethane	3.02	101	220127	18.78	ug/l	100
8) Diethyl Ether	3.41	74	78371	19.16	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	137294	19.00	ug/l	99
10) Methyl Iodide	3.95	142	135286	13.95	ug/l	99
11) Tert butyl alcohol	4.79	59	52911	92.26	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	122083	19.23	ug/l	98
13) Acrolein	3.61	56	29698	80.37	ug/l	96
14) Allyl chloride	4.32	41	193705	19.35	ug/l	99
15) Acrylonitrile	4.99	53	228127	90.45	ug/l	98
16) Acetone	3.82	43	196805	94.43	ug/l	100
17) Carbon Disulfide	4.05	76	339536	17.87	ug/l	99
18) Methyl Acetate	4.32	43	126937	18.87	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	339490	19.43	ug/l	100
20) Methylene Chloride	4.55	84	145350	18.34	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	131885	19.56	ug/l	99
22) Diisopropyl ether	5.95	45	416743	20.40	ug/l	99
23) Vinyl Acetate	5.90	43	1373770	95.86	ug/l	99
24) 1,1-Dichloroethane	5.84	63	250611	19.11	ug/l	99
25) 2-Butanone	6.84	43	278468	93.49	ug/l	98
26) 2,2-Dichloropropane	6.82	77	212071	20.79	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	146091	19.75	ug/l	98
28) Bromochloromethane	7.19	49	115951	19.58	ug/l	98
29) Tetrahydrofuran	7.21	42	172862	92.12	ug/l	99
30) Chloroform	7.37	83	260168	19.33	ug/l	100
31) Cyclohexane	7.65	56	210133	19.69	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	222844	19.15	ug/l	99
36) 1,1-Dichloropropene	7.79	75	187846	19.70	ug/l	99
37) Ethyl Acetate	6.93	43	120457	18.40	ug/l	99
38) Carbon Tetrachloride	7.77	117	197136	19.30	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	196955	20.00	ug/l	97
40) Benzene	8.04	78	576015	19.82	ug/l	99
41) Methacrylonitrile	7.17	41	59859	18.24	ug/l	93
42) 1,2-Dichloroethane	8.12	62	189261	19.66	ug/l	99
43) Isopropyl Acetate	8.16	43	224932	19.67	ug/l	99
44) Trichloroethene	8.83	130	153611	20.16	ug/l	99
45) 1,2-Dichloropropane	9.12	63	151755	19.36	ug/l	98
46) Dibromomethane	9.21	93	91804	18.88	ug/l	100
47) Bromodichloromethane	9.40	83	200802	19.97	ug/l	99
48) Methyl methacrylate	9.20	41	107157	18.68	ug/l	99
49) 1,4-Dioxane	9.20	88	30643	376.50	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	609507	95.33	ug/l	99
52) Toluene	10.15	92	360217	20.78	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	195289	19.64	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	224628	20.44	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	137848	19.25	ug/l	98
56) Ethyl methacrylate	10.43	69	159775	18.06	ug/l	98
57) 1,3-Dichloropropane	10.71	76	220434	19.55	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	368450	88.09	ug/l	99
59) 2-Hexanone	10.75	43	420768	97.98	ug/l	98
60) Dibromochloromethane	10.90	129	150734	19.20	ug/l	100
61) 1,2-Dibromoethane	11.00	107	130135	19.45	ug/l	97
64) Tetrachloroethene	10.63	164	139453	19.37	ug/l	99
65) Chlorobenzene	11.43	112	391720	19.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	147662	18.94	ug/l	99
67) Ethyl Benzene	11.51	91	655582	20.08	ug/l	98
68) m/p-Xylenes	11.62	106	510677	41.31	ug/l	100
69) o-Xylene	11.95	106	240826	20.28	ug/l	99
70) Styrene	11.96	104	401737	20.89	ug/l	99
71) Bromoform	12.13	173	105688	18.95	ug/l #	100
73) Isopropylbenzene	12.25	105	652598	19.34	ug/l	100
74) N-amyl acetate	12.07	43	182991	17.81	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	172941	17.10	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	210282	25.23	ug/l #	100
77) Bromobenzene	12.53	156	174301	18.70	ug/l	100
78) n-propylbenzene	12.59	91	767164	19.99	ug/l	100
79) 2-Chlorotoluene	12.67	91	456217	19.36	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	542469	20.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	45815	17.19	ug/l	97
82) 4-Chlorotoluene	12.77	91	469744	19.87	ug/l	100
83) tert-Butylbenzene	12.99	119	459137	19.33	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	564110	20.58	ug/l	100
85) sec-Butylbenzene	13.17	105	639181	20.36	ug/l	100
86) p-Isopropyltoluene	13.29	119	552887	20.66	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	313902	19.33	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	310605	19.08	ug/l	100
89) n-Butylbenzene	13.62	91	451502	20.43	ug/l	99
90) Hexachloroethane	13.87	117	105824	17.62	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	302637	18.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26816	17.16	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration

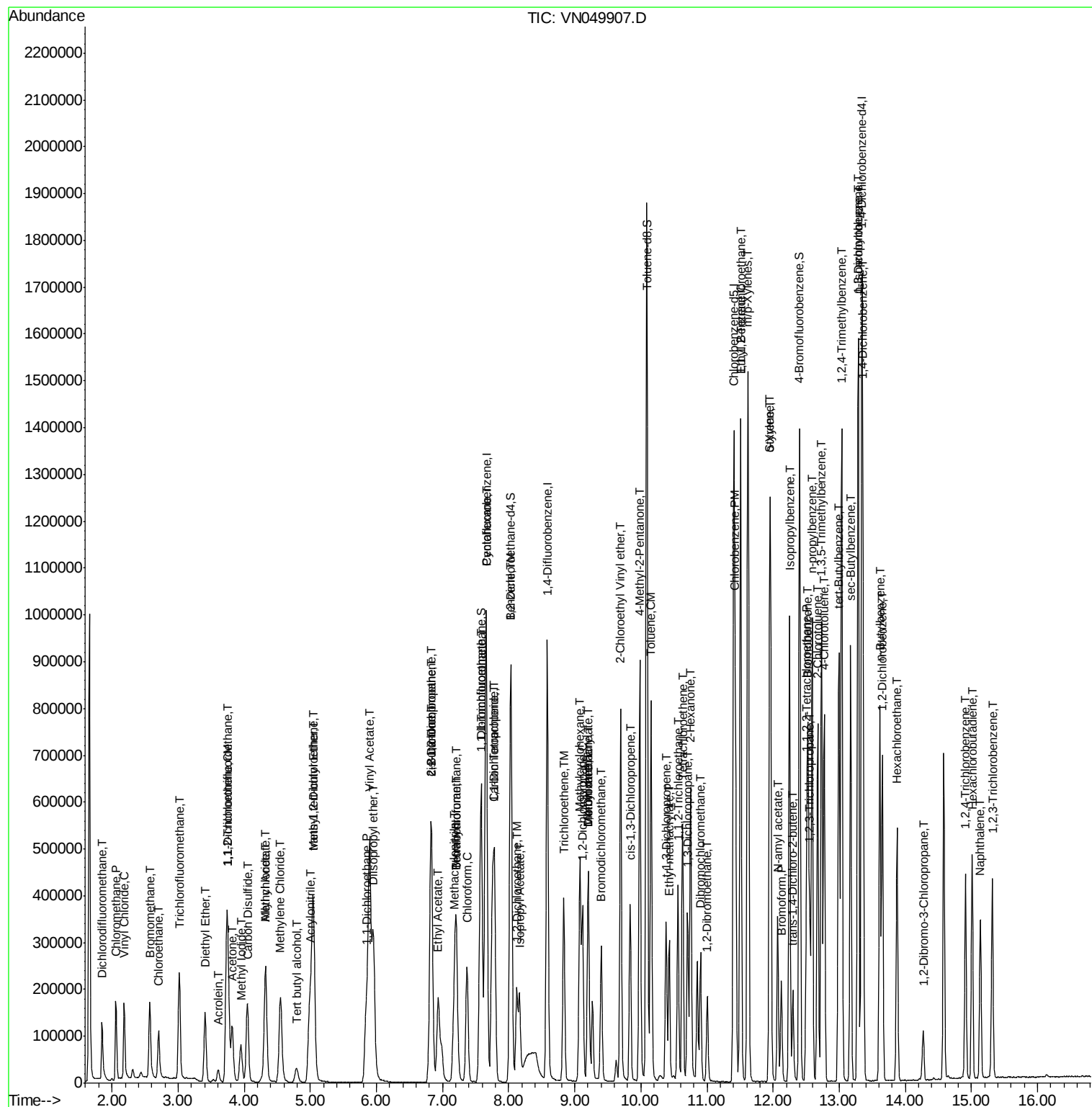
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	150084	19.34	ug/l	99
94) Hexachlorobutadiene	15.01	225	102583	19.61	ug/l	99
95) Naphthalene	15.14	128	301236	17.52	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	153616	20.05	ug/l	99

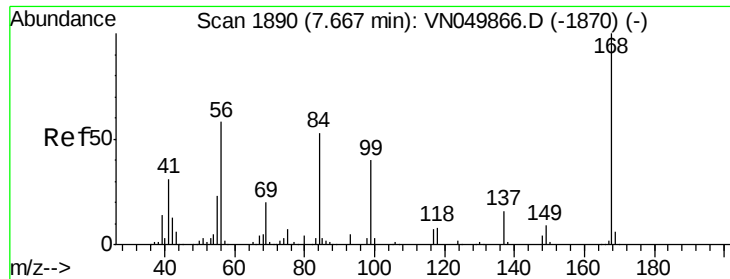
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampled :

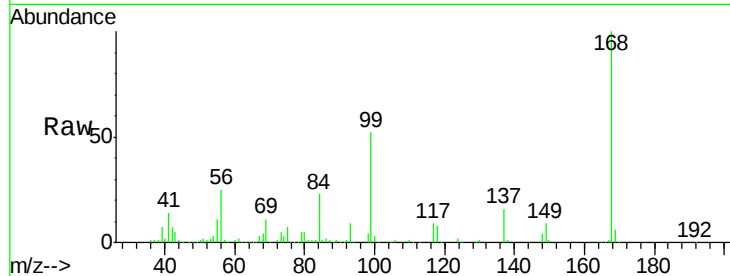
VN0719WBS01

Tot Ion:168 Resp: 585672

Ion Ratio Lower Upper

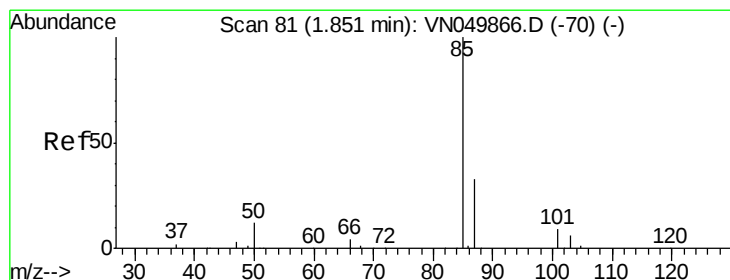
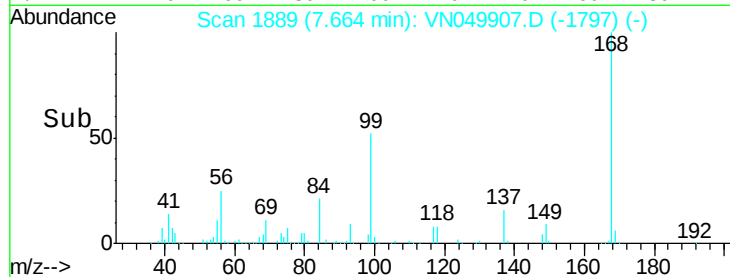
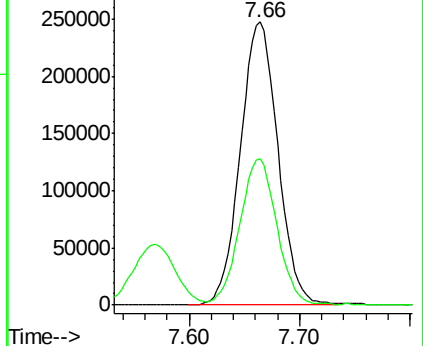
168 100

99 51.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.67 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049907.D

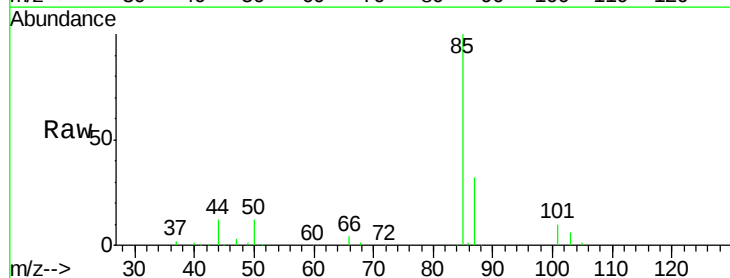
Acq: 19 Jul 2018 11:16

Tgt Ion: 85 Resp: 109683

Ion Ratio Lower Upper

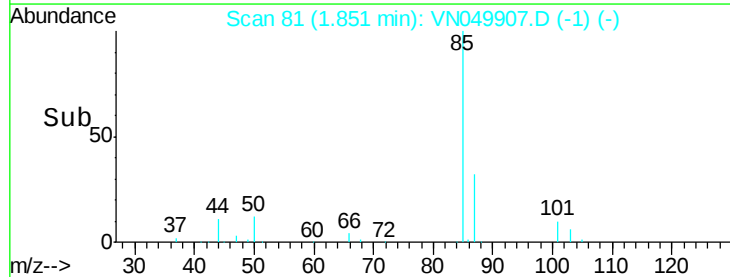
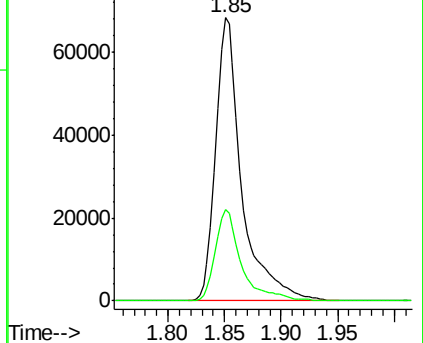
85 100

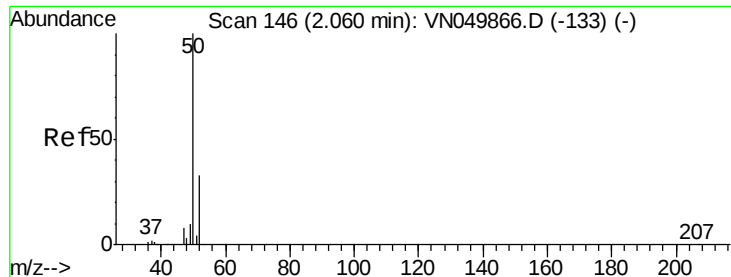
87 32.3 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 19.26 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

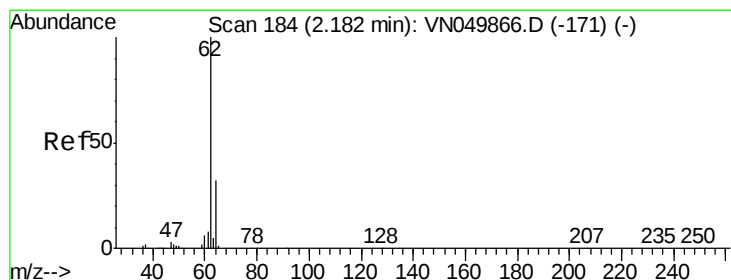
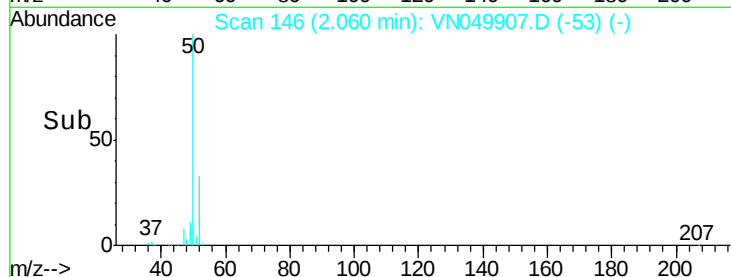
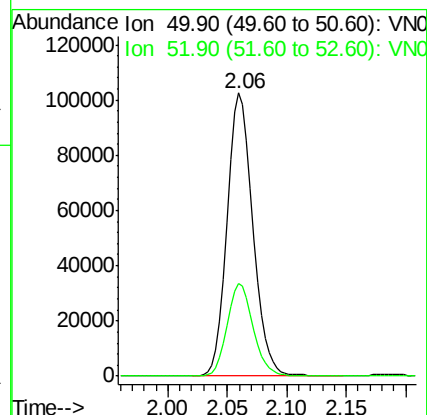
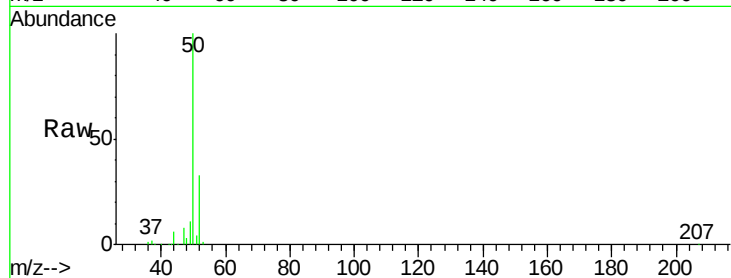
VN0719WBS01

Tot Ion: 50 Resp: 153951

Ion Ratio Lower Upper

50 100

52 32.8 26.1 39.1



#4

Vinyl Chloride

Concen: 18.35 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049907.D

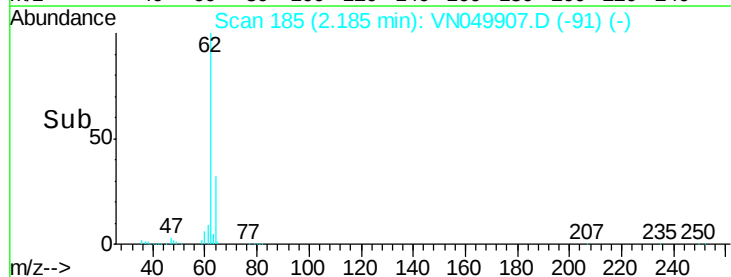
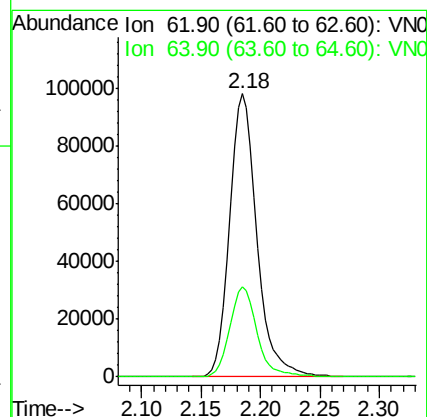
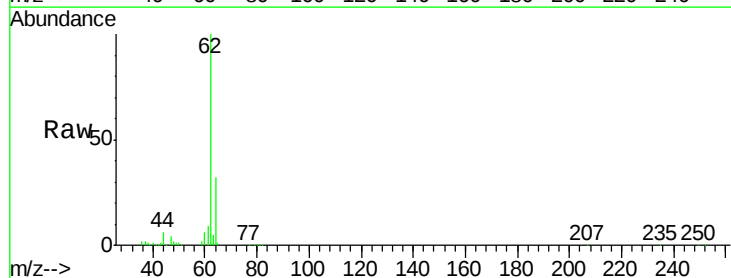
Acq: 19 Jul 2018 11:16

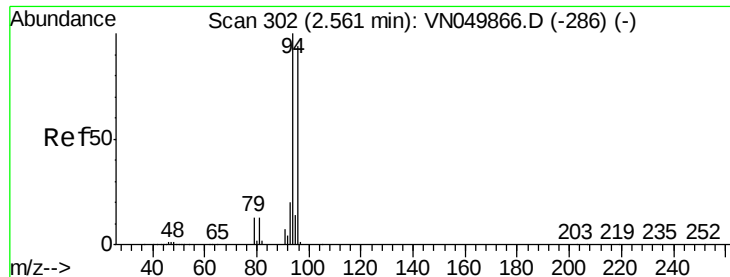
Tgt Ion: 62 Resp: 156425

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 22.96 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

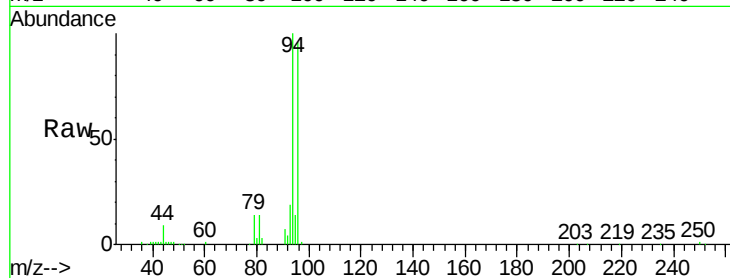
VN0719WBS01

Tot Ion: 94 Resp: 114390

Ion Ratio Lower Upper

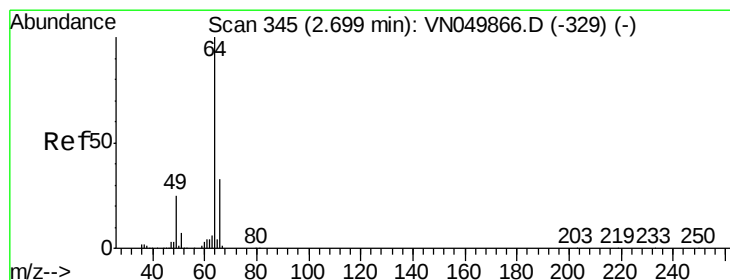
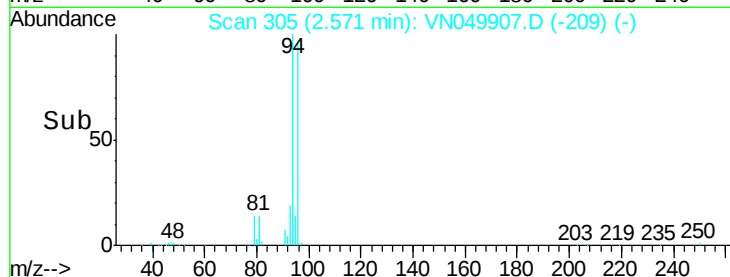
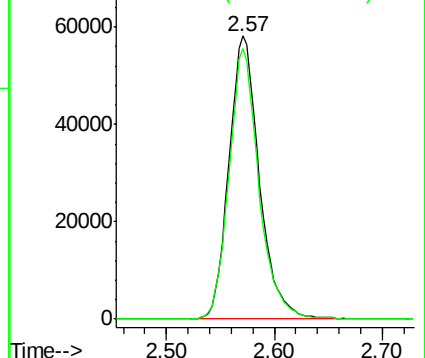
94 100

96 95.7 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.99 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.01 min

Lab File: VN049907.D

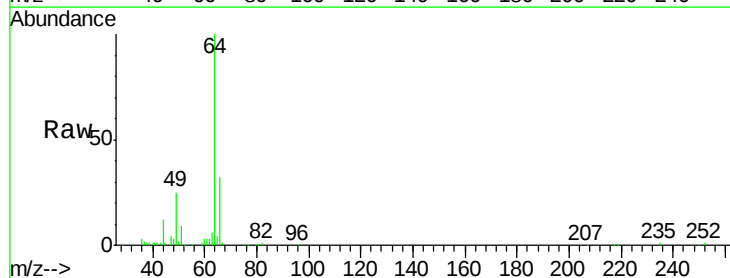
Acq: 19 Jul 2018 11:16

Tgt Ion: 64 Resp: 100206

Ion Ratio Lower Upper

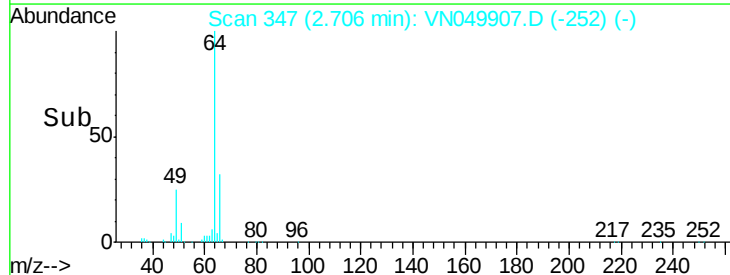
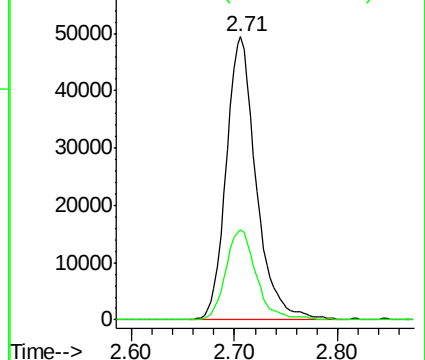
64 100

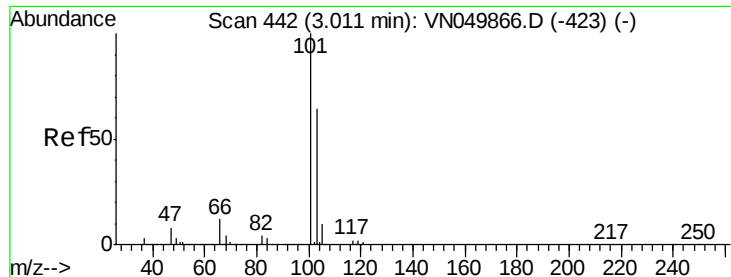
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 18.78 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.01 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

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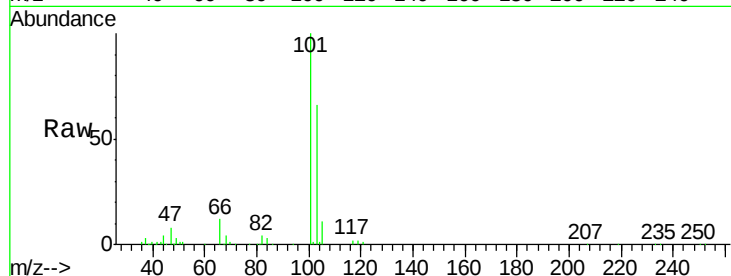
VN0719WBS01

Tot Ion:101 Resp: 220127

Ion Ratio Lower Upper

101 100

103 65.7 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

120000

100000

80000

60000

40000

20000

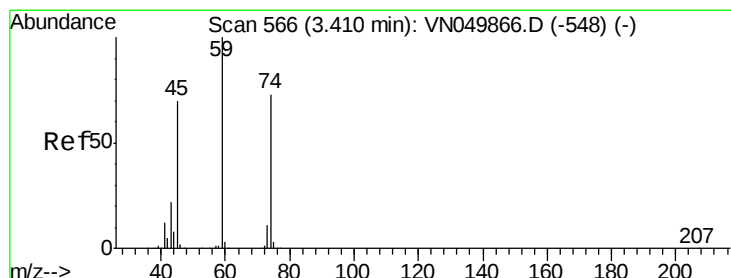
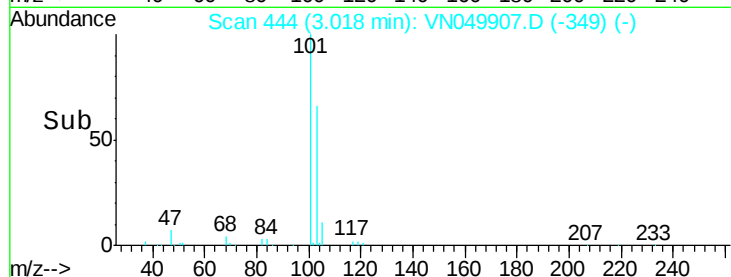
0

Time-->

2.90

3.00

3.10



#8

Diethyl Ether

Concen: 19.16 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049907.D

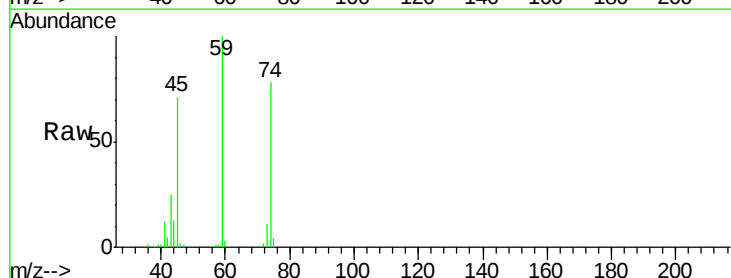
Acq: 19 Jul 2018 11:16

Tgt Ion: 74 Resp: 78371

Ion Ratio Lower Upper

74 100

45 94.6 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V

40000

30000

20000

10000

0

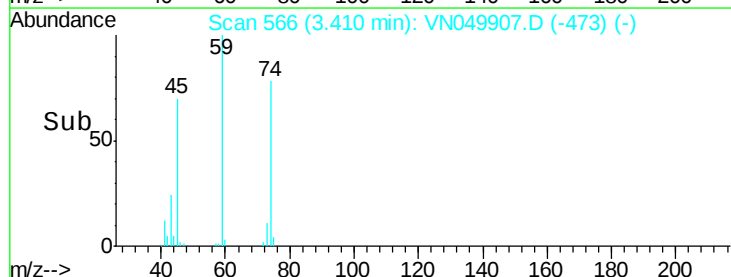
Time-->

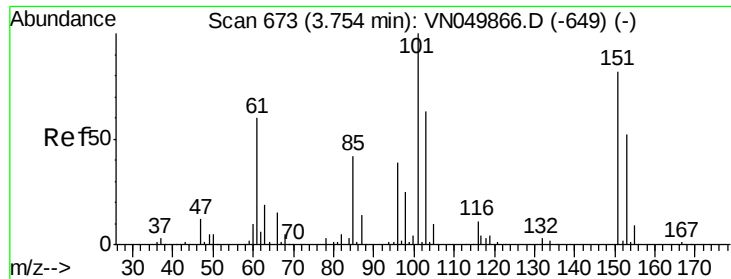
3.35

3.40

3.45

3.50

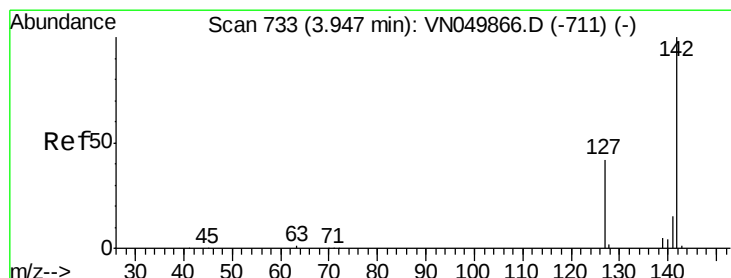
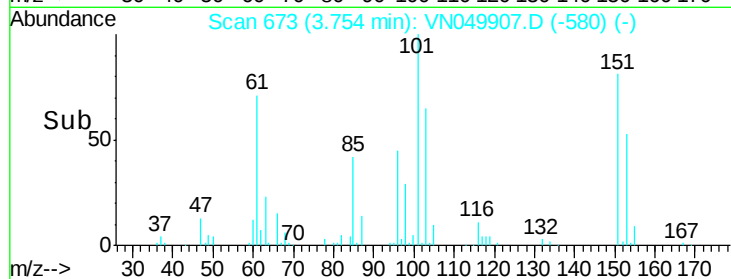
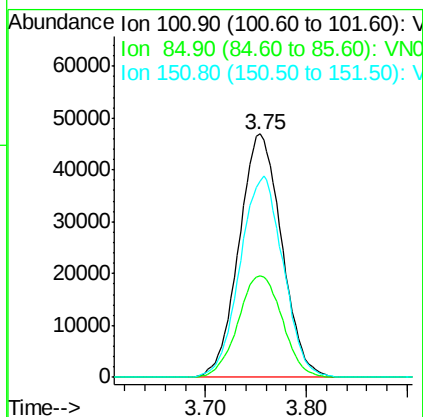
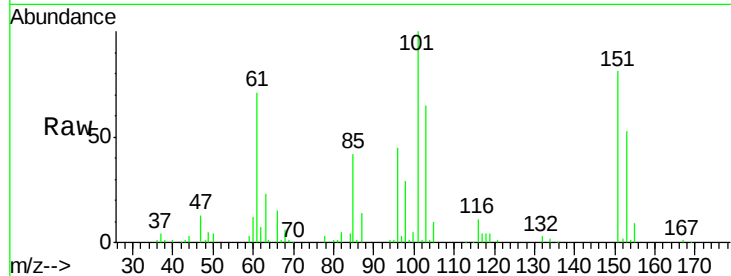




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.00 ug/l
 RT: 3.75 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

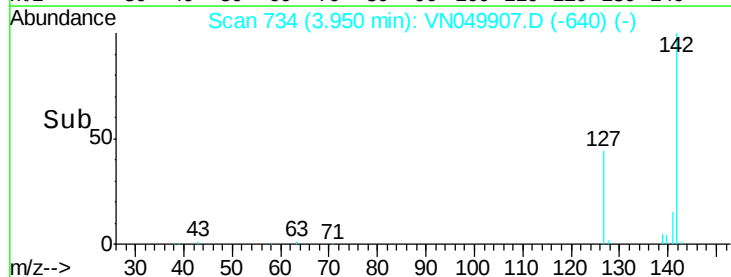
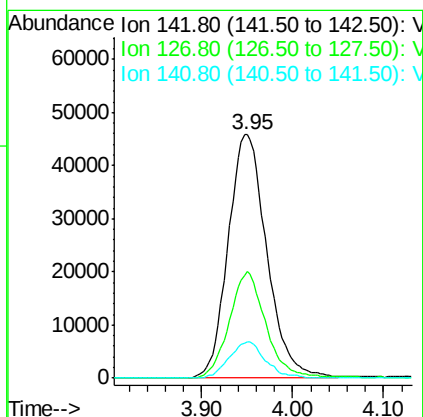
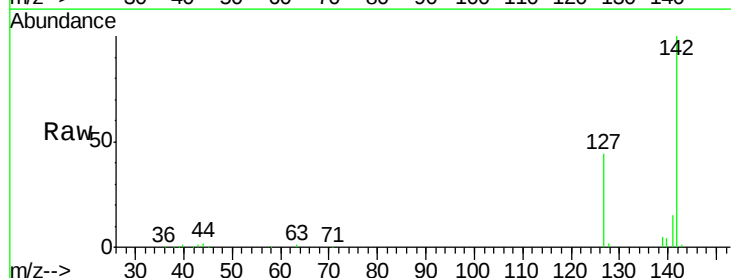
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

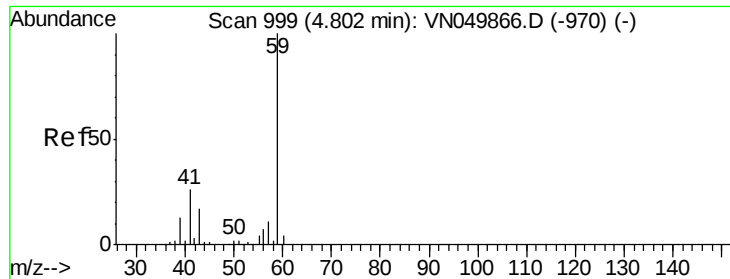
Tot Ion:101 Resp: 137294
 Ion Ratio Lower Upper
 101 100
 85 43.3 34.4 51.6
 151 83.7 66.2 99.4



#10
 Methyl Iodide
 Concen: 13.95 ug/l
 RT: 3.95 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Tgt Ion:142 Resp: 135286
 Ion Ratio Lower Upper
 142 100
 127 41.1 32.5 48.7
 141 14.0 11.1 16.7

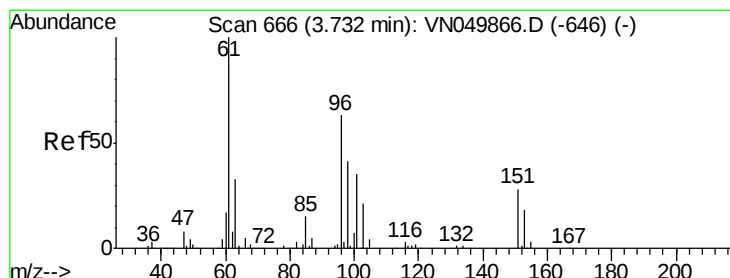
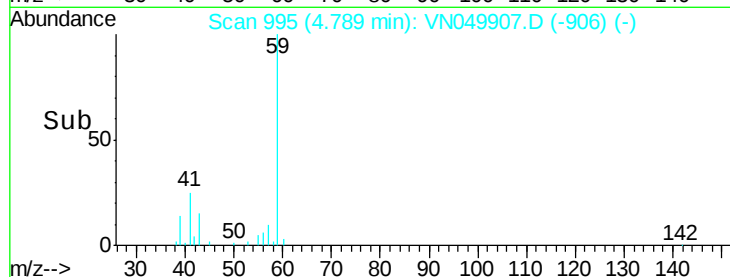
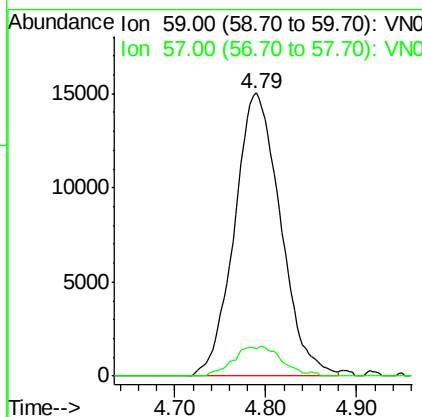
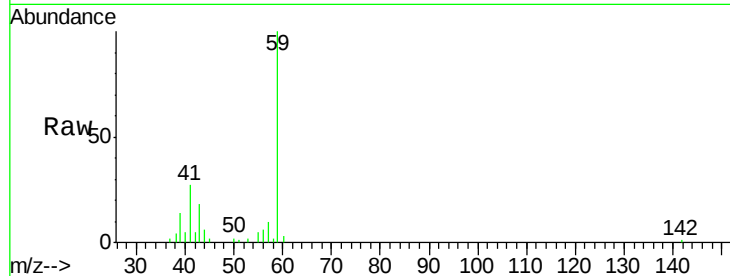




#11
Tert butyl alcohol
Concen: 92.26 ug/l
RT: 4.79 min Scan# 995
Delta R.T. -0.01 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

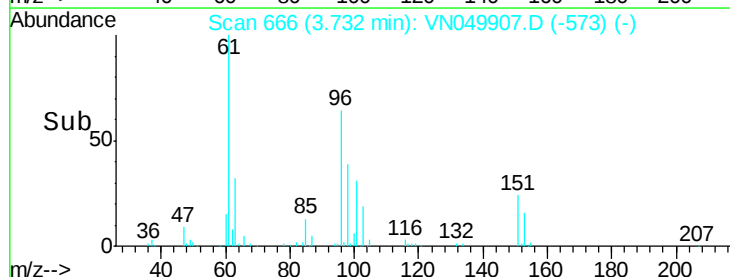
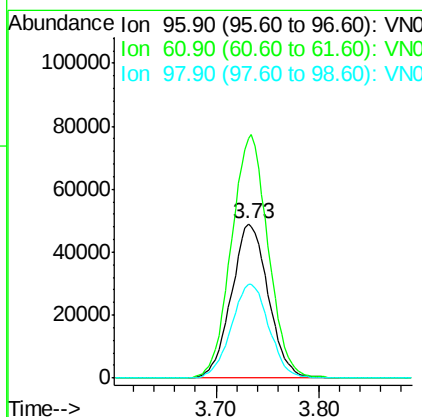
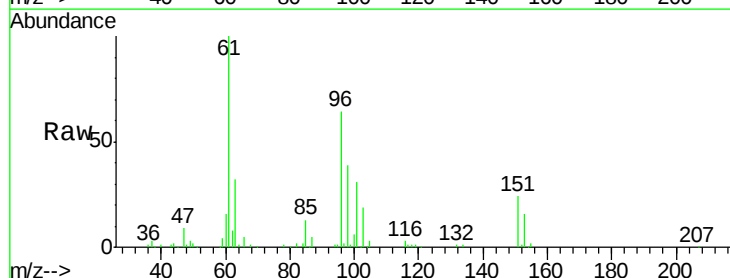
Instrument :
MSVOA_N
ClientSampled :
VN0719WBS01

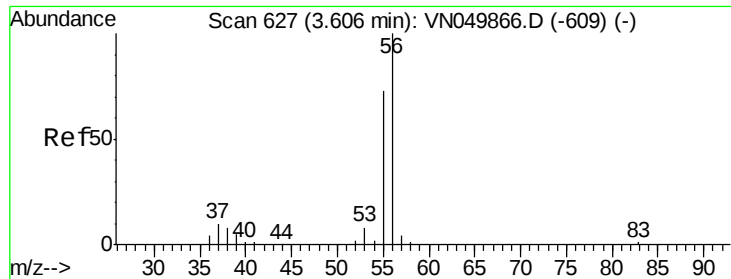
Tot Ion: 59 Resp: 52911
Ion Ratio Lower Upper
59 100
57 5.4 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 19.23 ug/l
RT: 3.73 min Scan# 666
Delta R.T. 0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion: 96 Resp: 122083
Ion Ratio Lower Upper
96 100
61 155.4 126.5 189.7
98 61.2 51.0 76.6





#13

Acrolein

Concen: 80.37 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampled :

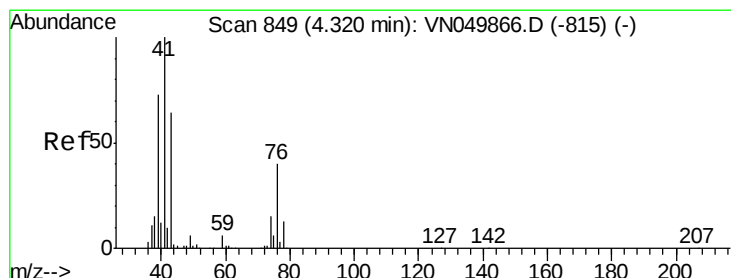
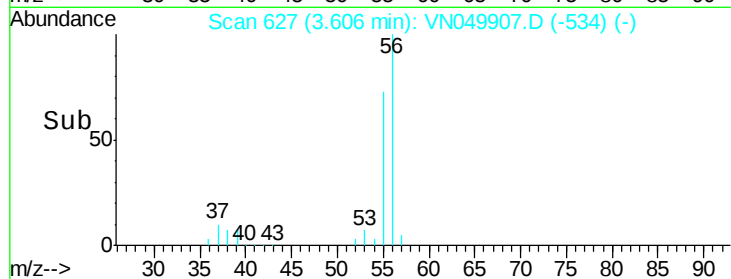
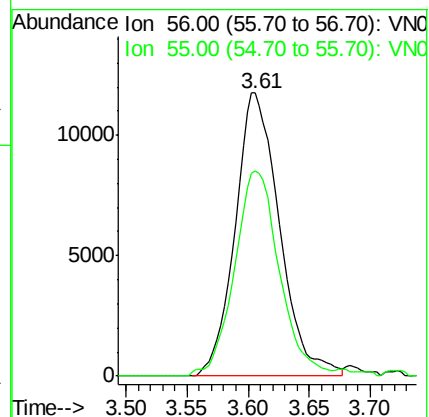
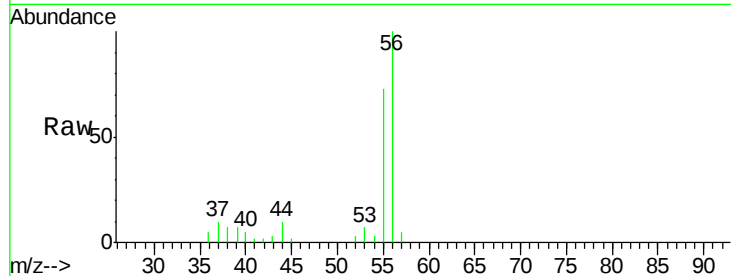
VN0719WBS01

Tot Ion: 56 Resp: 29698

Ion Ratio Lower Upper

56 100

55 73.1 55.8 83.8



#14

Allyl chloride

Concen: 19.35 ug/l

RT: 4.32 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

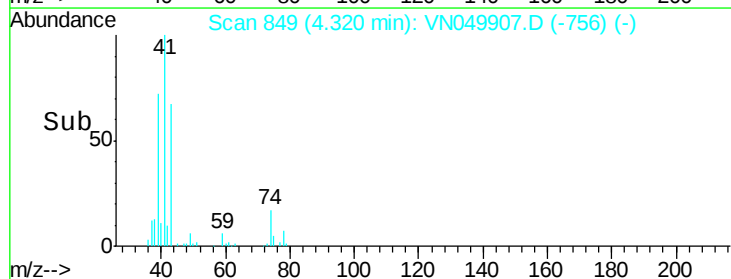
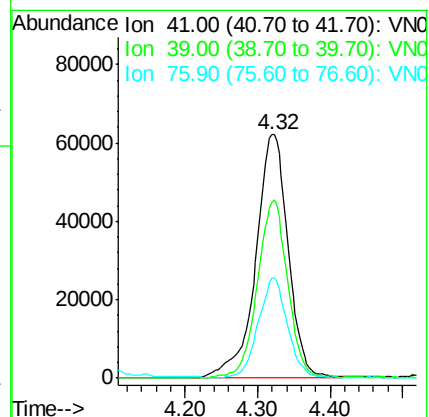
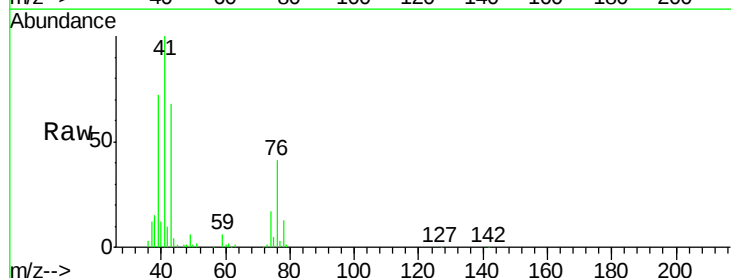
Tgt Ion: 41 Resp: 193705

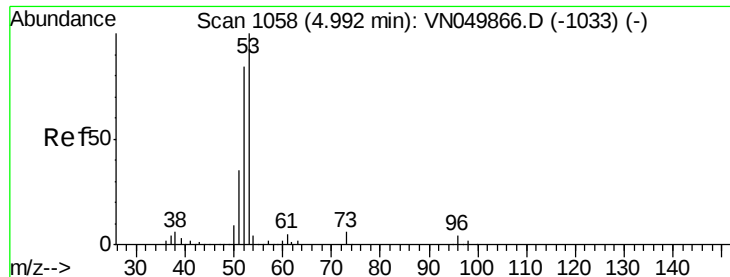
Ion Ratio Lower Upper

41 100

39 68.1 53.2 79.8

76 36.2 29.0 43.6

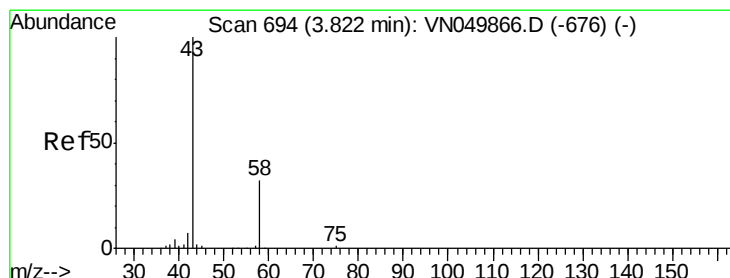
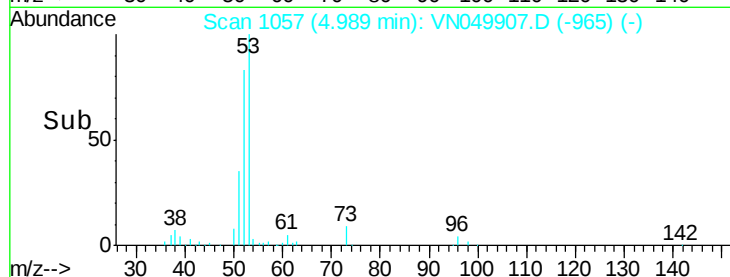
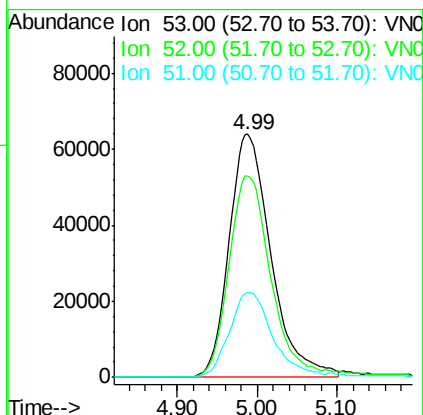
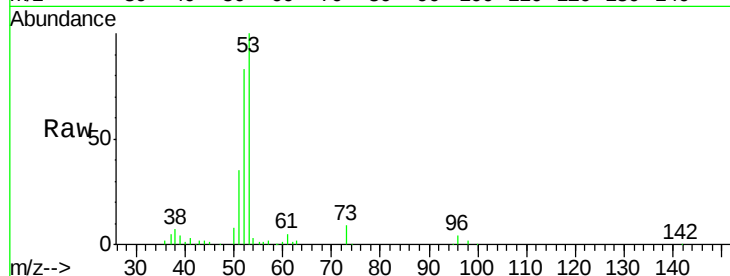




#15
 Acrylonitrile
 Concen: 90.45 ug/l
 RT: 4.99 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

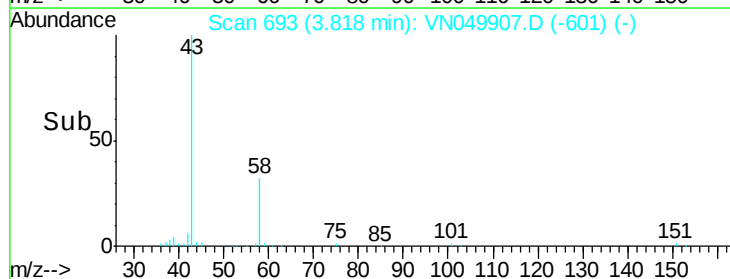
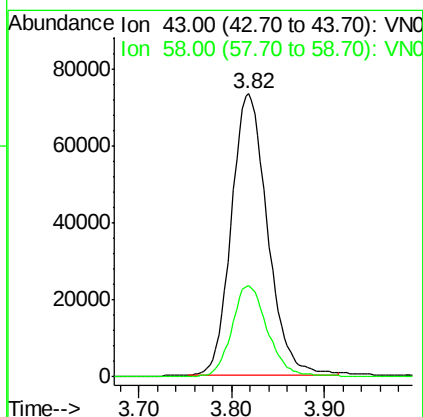
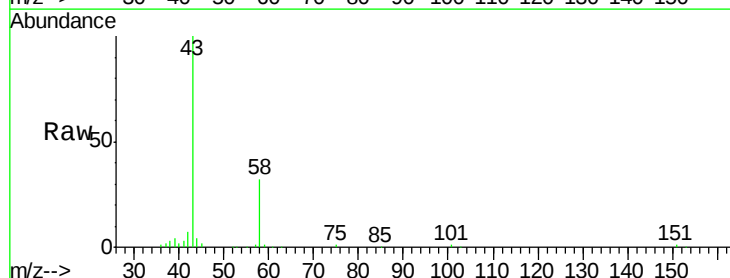
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

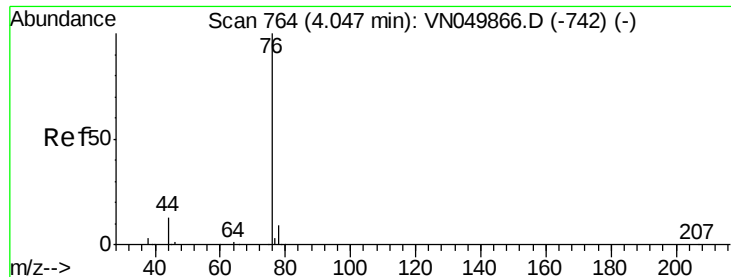
Tot Ion: 53 Resp: 228127
 Ion Ratio Lower Upper
 53 100
 52 83.1 64.8 97.2
 51 36.0 28.9 43.3



#16
 Acetone
 Concen: 94.43 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Tgt Ion: 43 Resp: 196805
 Ion Ratio Lower Upper
 43 100
 58 32.3 25.9 38.9

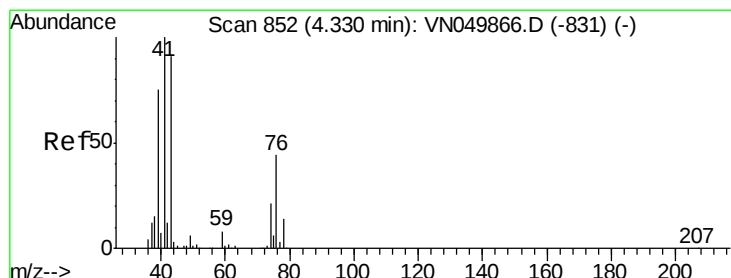
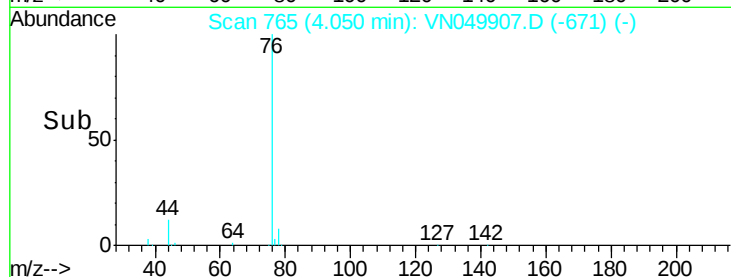
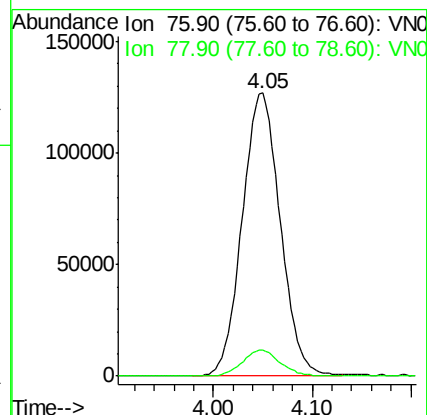
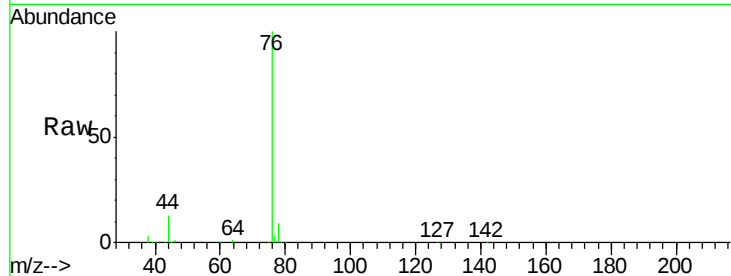




#17
Carbon Disulfide
Concen: 17.87 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

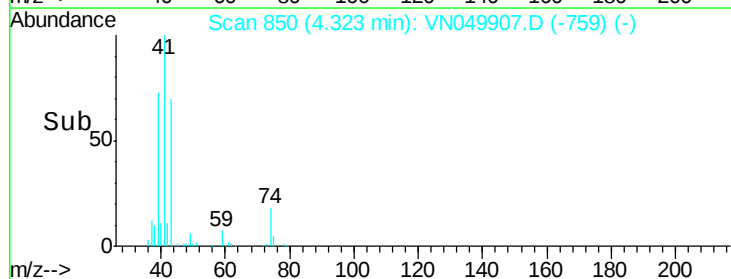
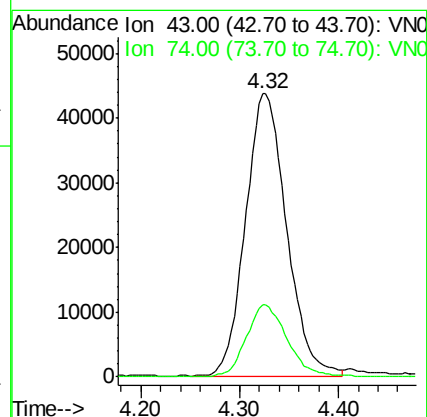
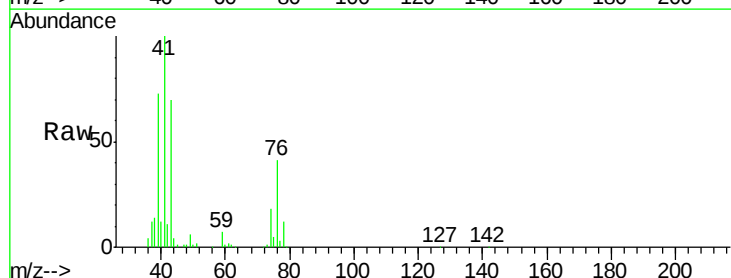
Instrument :
MSVOA_N
ClientSampled :
VN0719WBS01

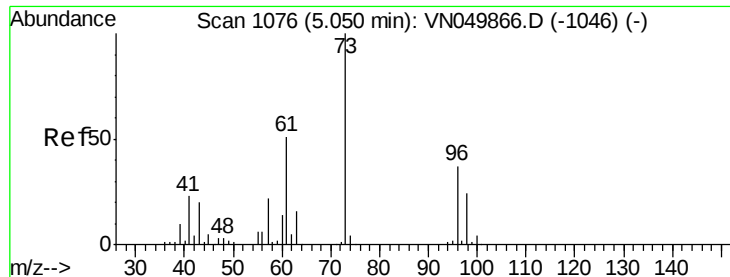
Tot Ion: 76 Resp: 339536
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 18.87 ug/l
RT: 4.32 min Scan# 850
Delta R.T. -0.01 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion: 43 Resp: 126937
Ion Ratio Lower Upper
43 100
74 25.3 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 19.43 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampled :

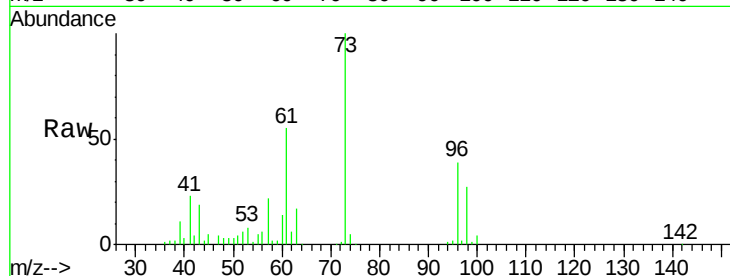
VN0719WBS01

Tot Ion: 73 Resp: 339490

Ion Ratio Lower Upper

73 100

57 22.5 18.1 27.1



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

5.05

100000

80000

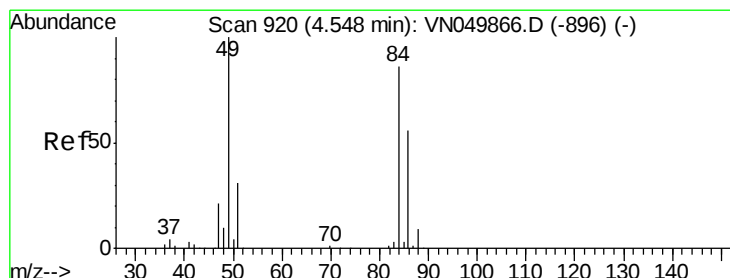
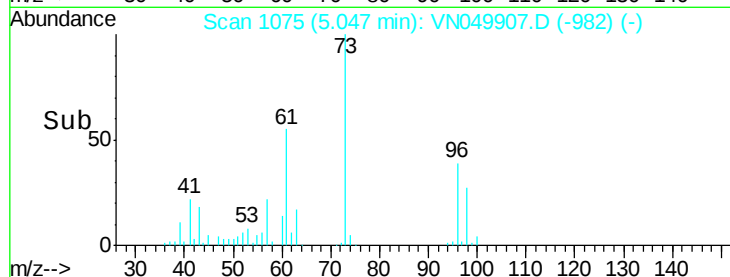
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 18.34 ug/l

RT: 4.55 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Tgt Ion: 84 Resp: 145350

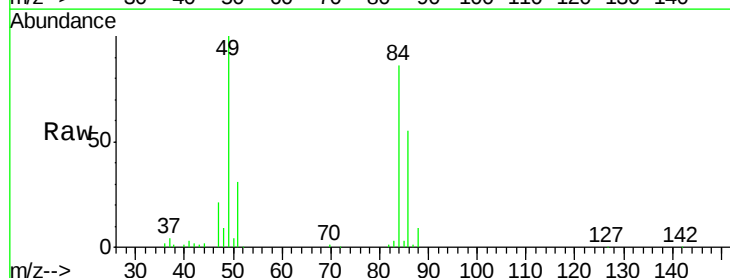
Ion Ratio Lower Upper

84 100

49 115.9 95.4 143.2

51 35.9 28.4 42.6

86 63.2 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

80000

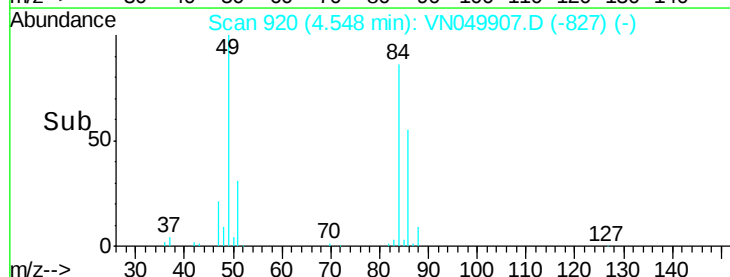
60000

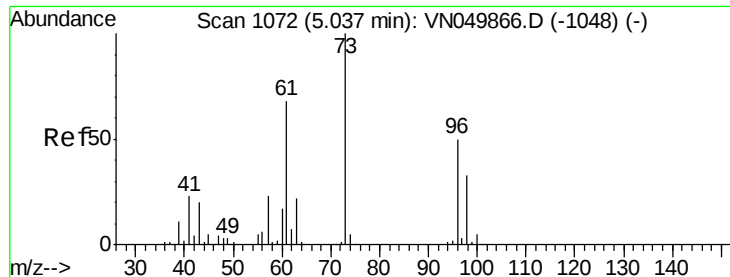
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 19.56 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

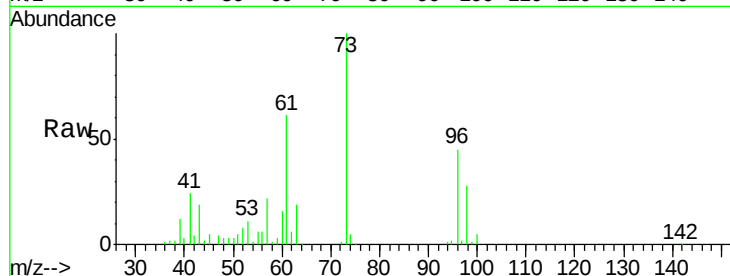
Tot Ion: 96 Resp: 131885

Ion Ratio Lower Upper

96 100

61 136.8 109.0 163.6

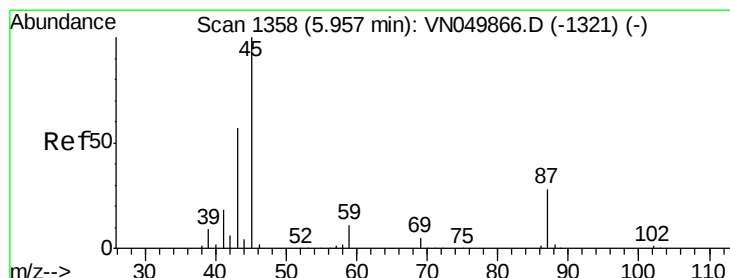
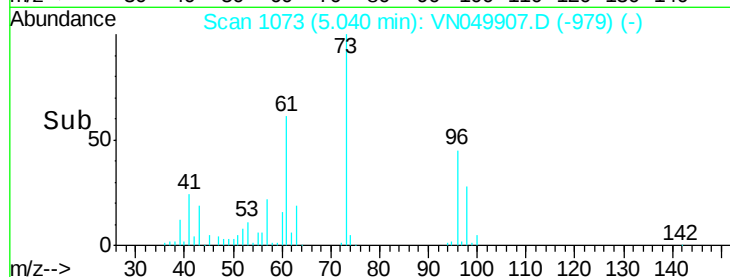
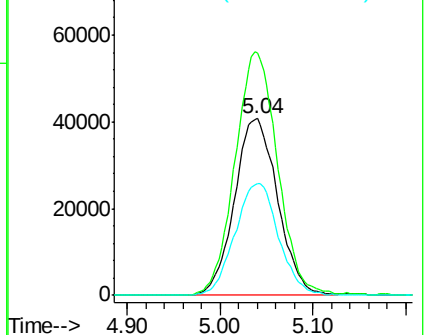
98 63.1 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN049907.D (-979) (-)

Ion 60.90 (60.60 to 61.60): VN049907.D (-979) (-)

Ion 97.90 (97.60 to 98.60): VN049907.D (-979) (-)



#22

Diisopropyl ether

Concen: 20.40 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Tgt Ion: 45 Resp: 416743

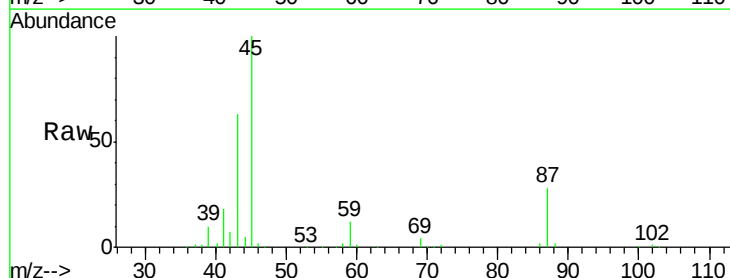
Ion Ratio Lower Upper

45 100

43 61.0 48.1 72.1

87 28.1 22.6 34.0

59 11.9 9.2 13.8

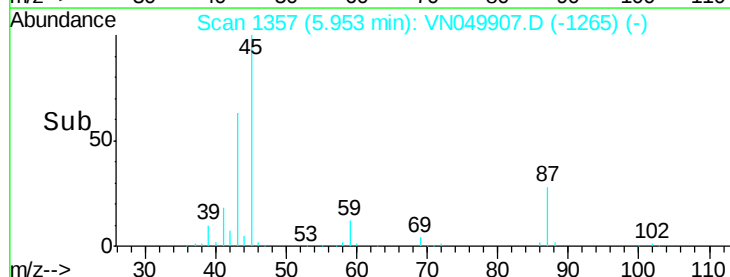
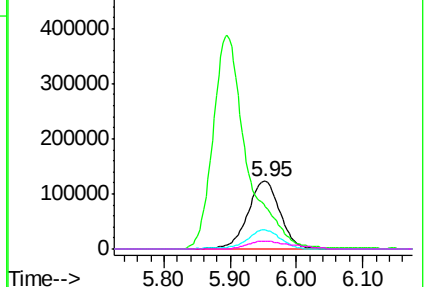


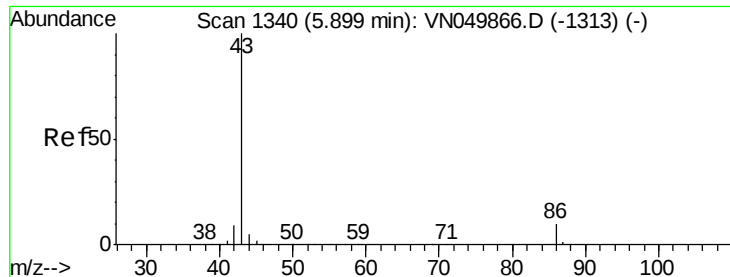
Abundance Ion 45.00 (44.70 to 45.70): VN049907.D (-1265) (-)

Ion 43.00 (42.70 to 43.70): VN049907.D (-1265) (-)

Ion 87.00 (86.70 to 87.70): VN049907.D (-1265) (-)

Ion 59.00 (58.70 to 59.70): VN049907.D (-1265) (-)





#23

Vinyl Acetate

Concen: 95.86 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampled :

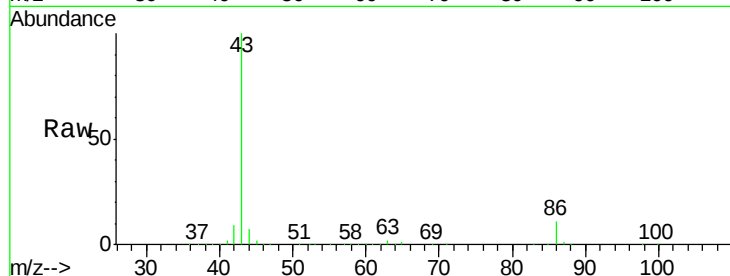
VN0719WBS01

Tot Ion: 43 Resp: 1373770

Ion Ratio Lower Upper

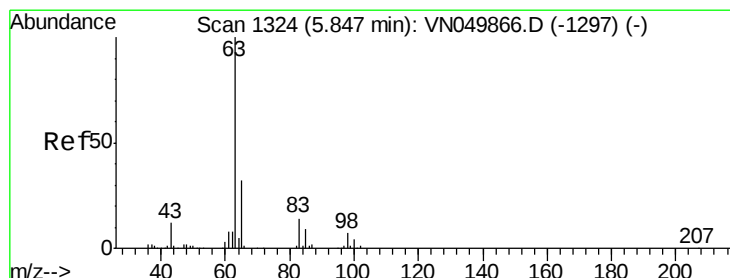
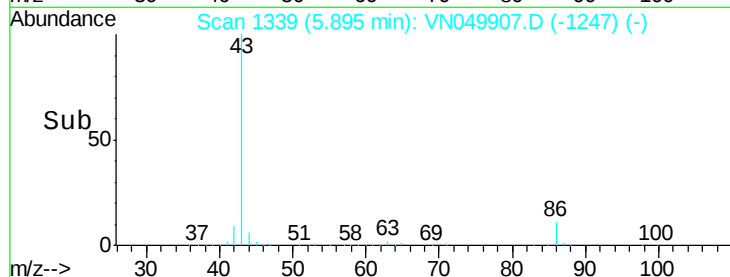
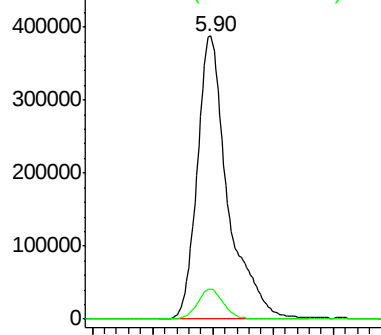
43 100

86 10.7 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.11 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

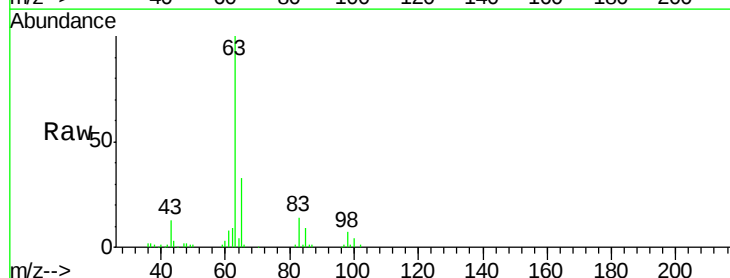
Tgt Ion: 63 Resp: 250611

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

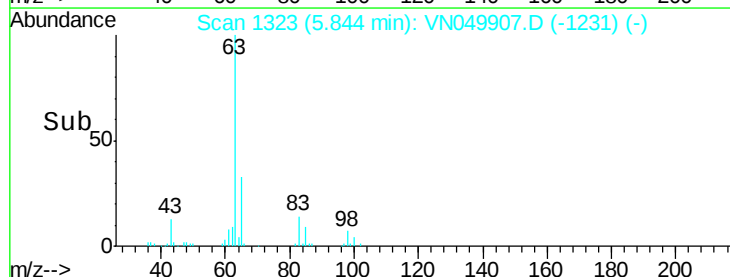
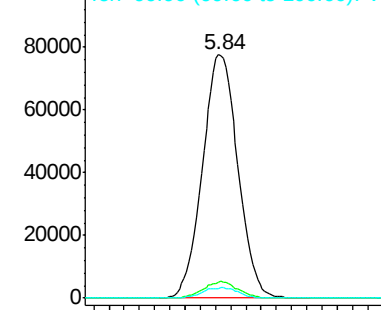
100 4.1 2.2 6.6

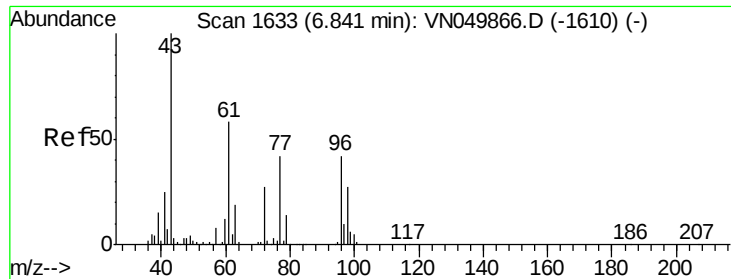


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

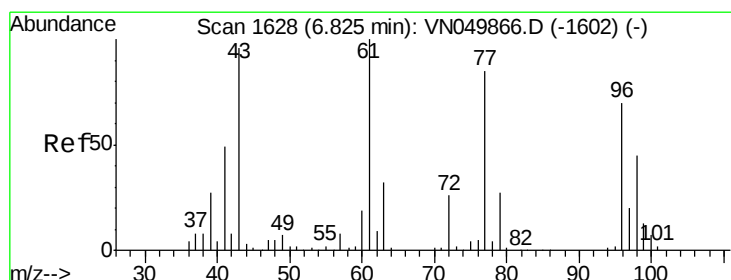
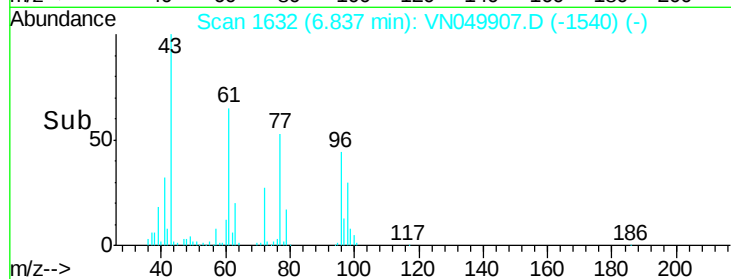
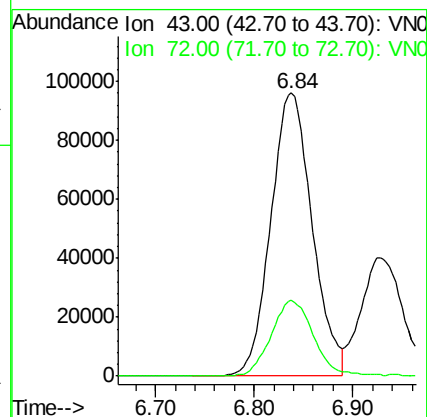
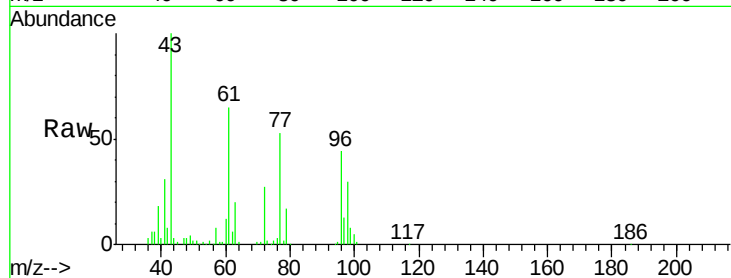




#25
2-Butanone
Concen: 93.49 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

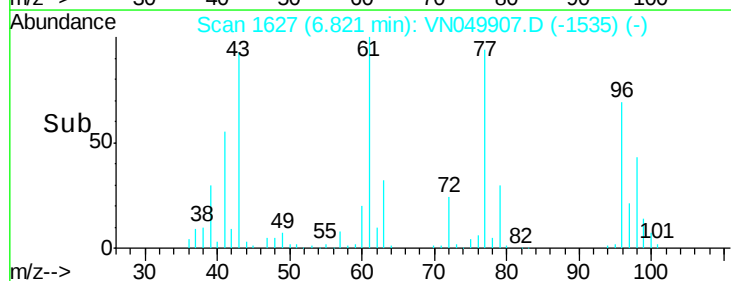
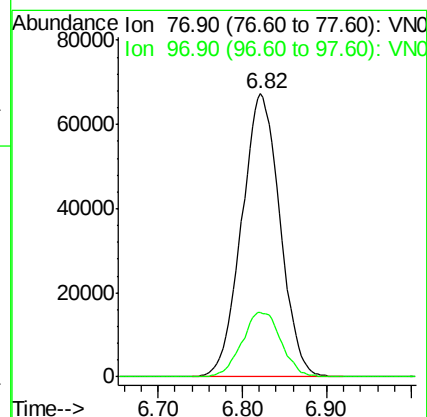
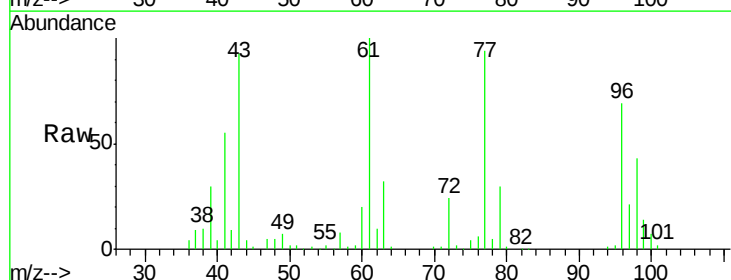
Instrument :
MSVOA_N
ClientSampled :
VN0719WBS01

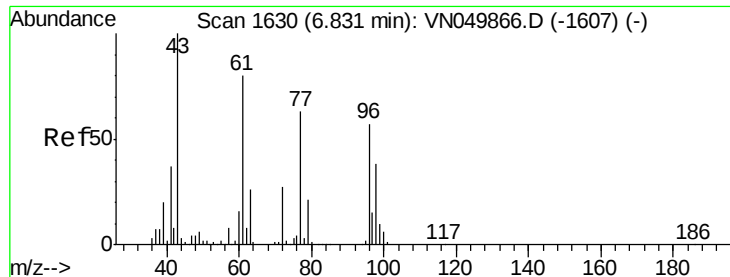
Tot Ion: 43 Resp: 278468
Ion Ratio Lower Upper
43 100
72 26.7 22.1 33.1



#26
2,2-Dichloropropane
Concen: 20.79 ug/l
RT: 6.82 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion: 77 Resp: 212071
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.5

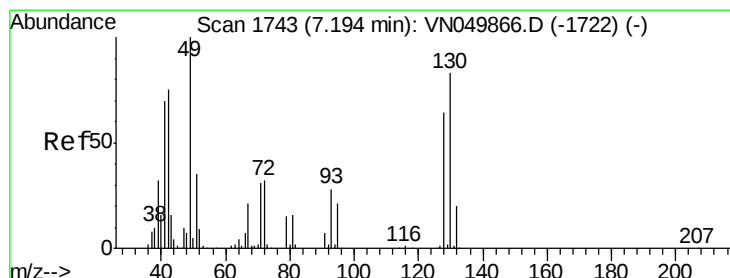
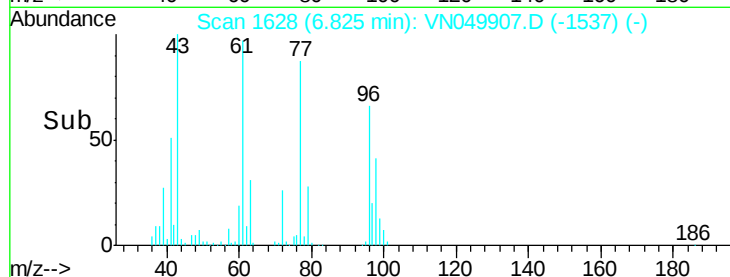
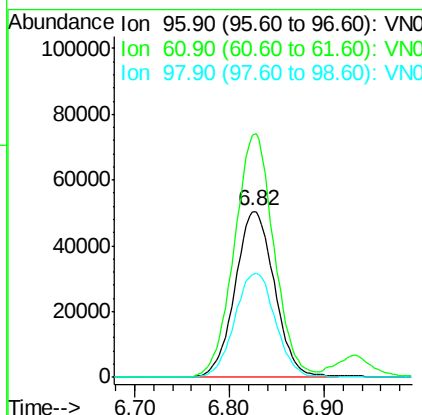
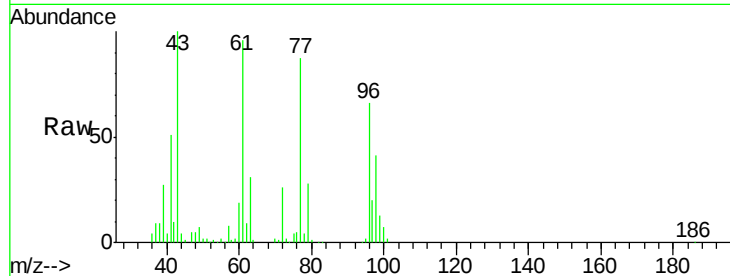




#27
 cis-1,2-Dichloroethene
 Concen: 19.75 ug/l
 RT: 6.82 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

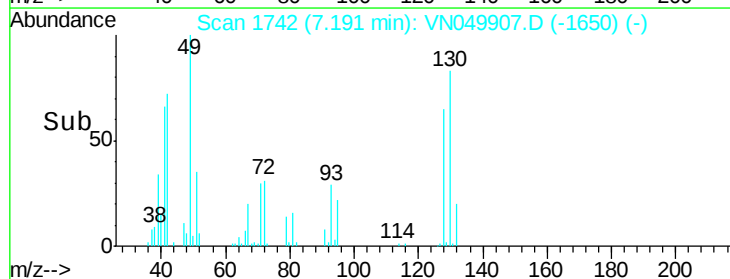
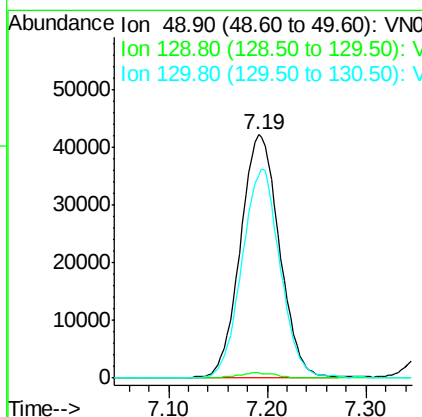
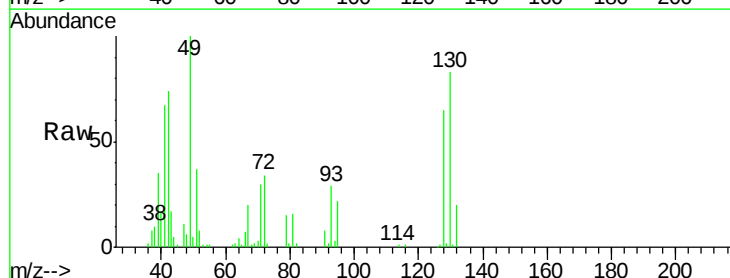
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

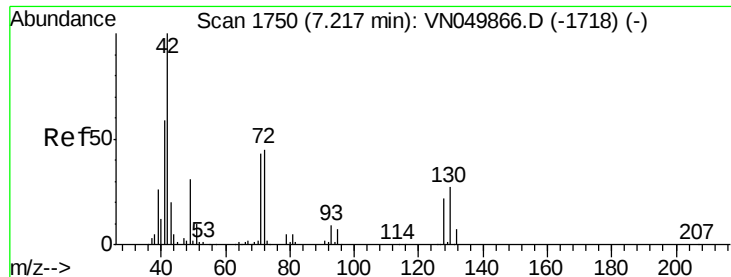
Tot Ion: 96 Resp: 146091
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 289.0
 98 64.7 0.0 130.2



#28
 Bromochloromethane
 Concen: 19.58 ug/l
 RT: 7.19 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Tgt Ion: 49 Resp: 115951
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 83.6 65.5 98.3

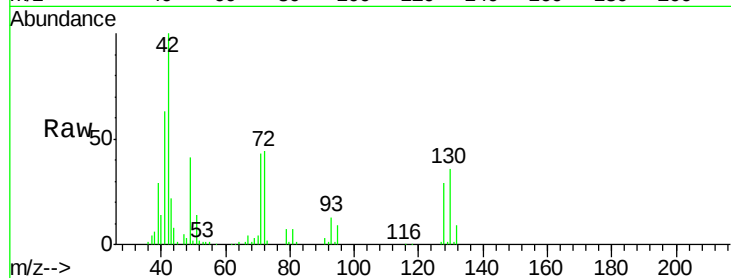




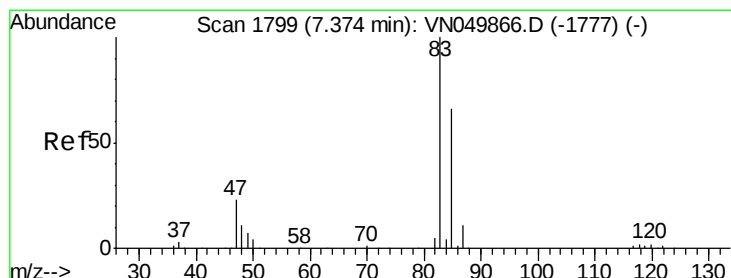
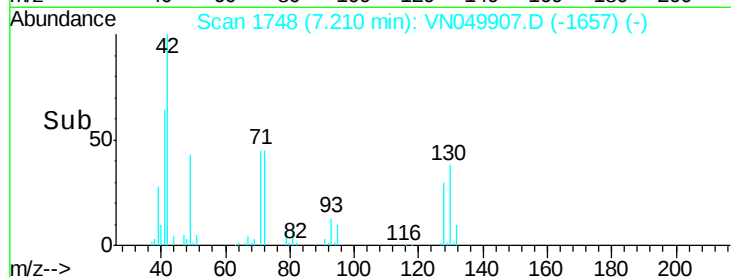
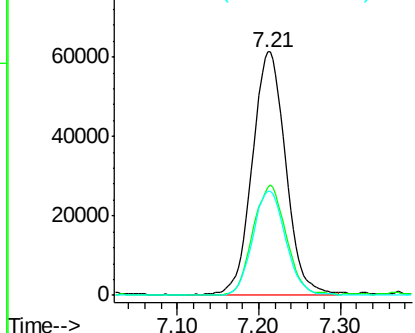
#29
Tetrahydrofuran
Concen: 92.12 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. -0.01 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tot Ion: 42 Resp: 172862
Ion Ratio Lower Upper
42 100
72 45.6 35.6 53.4
71 42.5 34.0 51.0

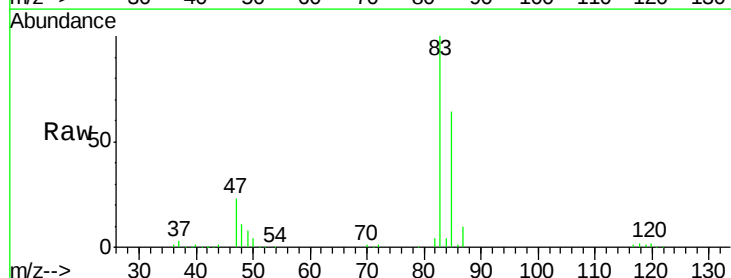


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

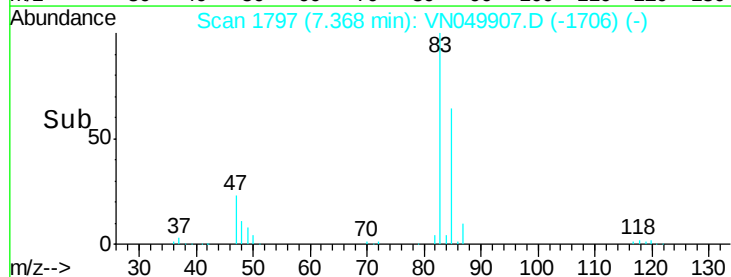
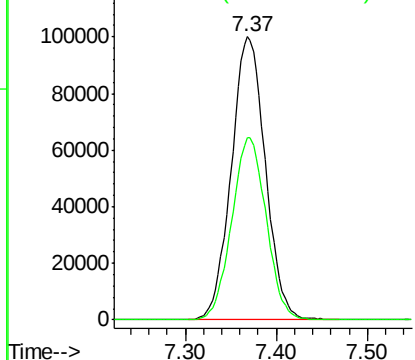


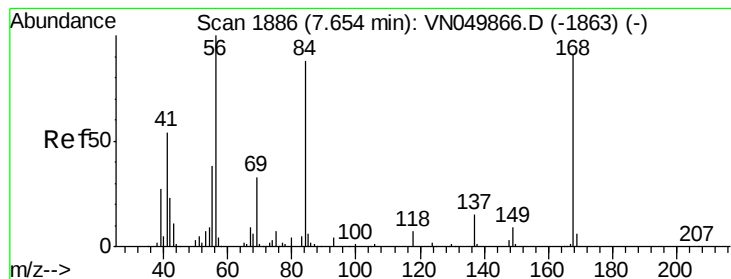
#30
Chloroform
Concen: 19.33 ug/l
RT: 7.37 min Scan# 1797
Delta R.T. -0.01 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion: 83 Resp: 260168
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.69 ug/l

RT: 7.65 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampled :

VN0719WBS01

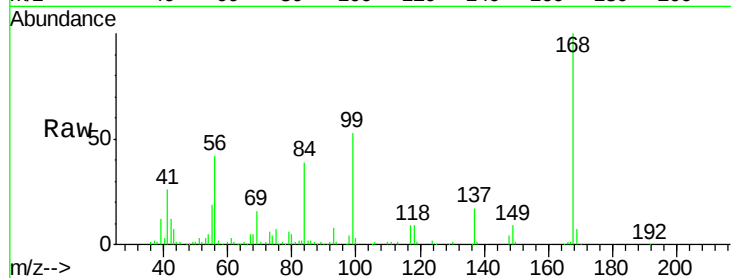
Tot Ion: 56 Resp: 210133

Ion Ratio Lower Upper

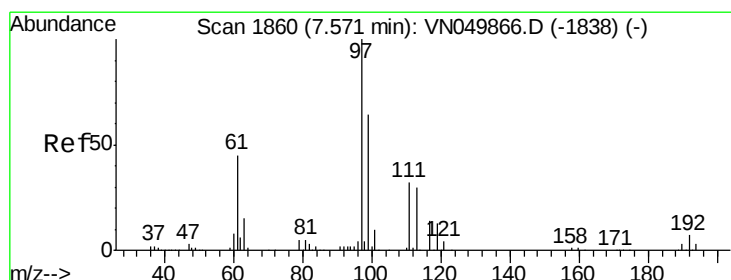
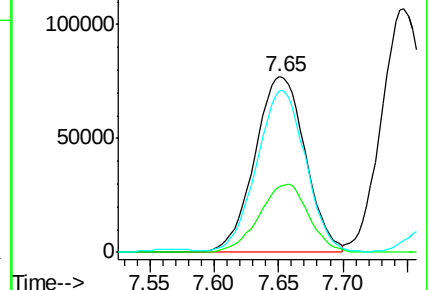
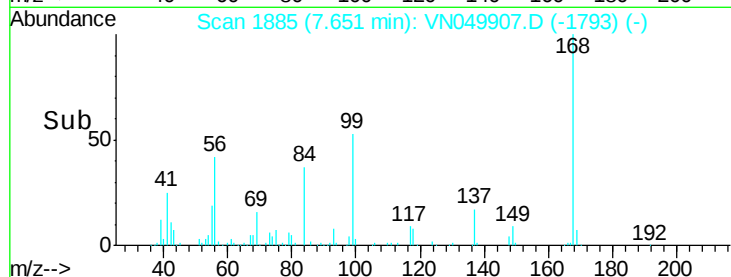
56 100

69 37.5 26.6 40.0

84 91.2 69.0 103.6



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



#32

1,1,1-Trichloroethane

Concen: 19.15 ug/l

RT: 7.57 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

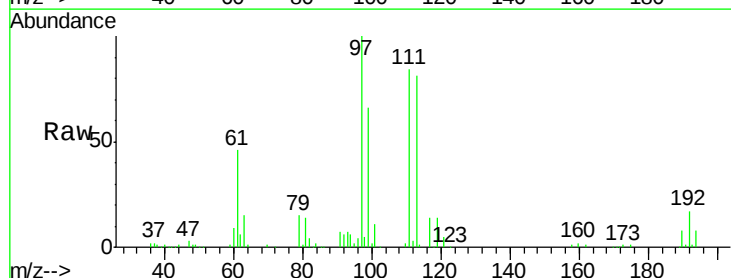
Tgt Ion: 97 Resp: 222844

Ion Ratio Lower Upper

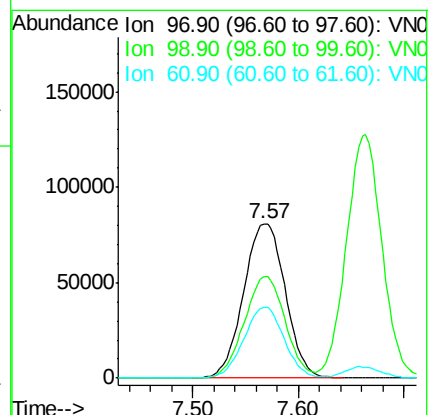
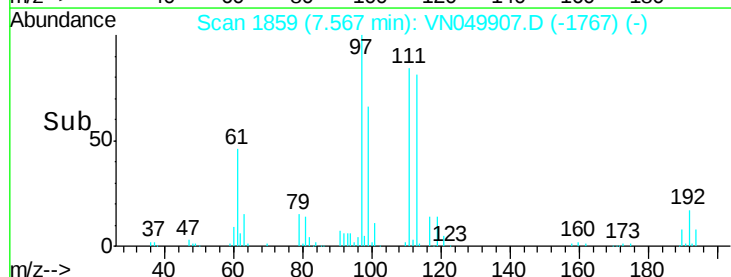
97 100

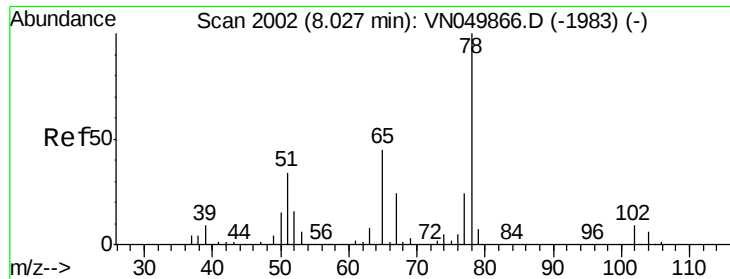
99 64.5 51.0 76.4

61 44.5 35.5 53.3



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

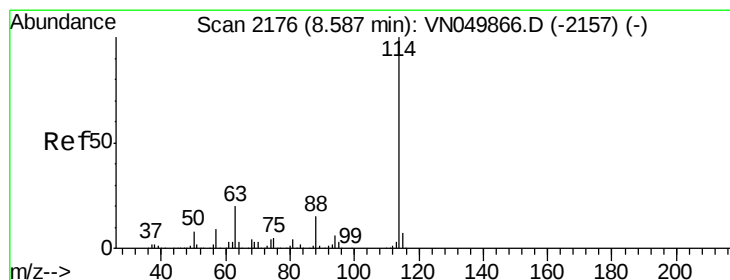
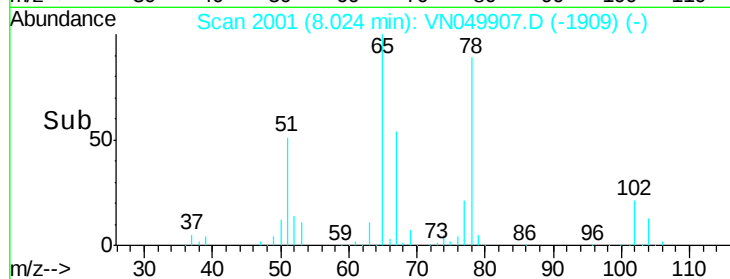
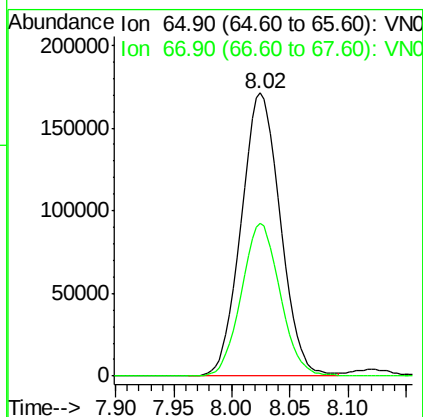
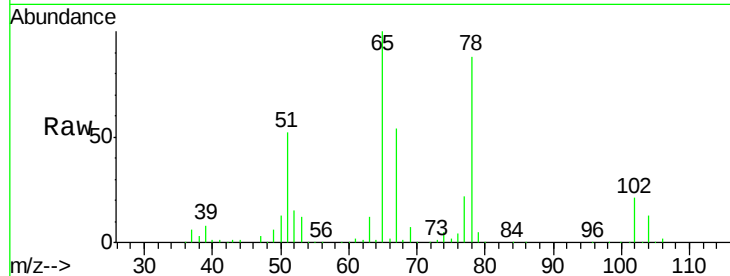




#33
 1,2-Dichloroethane-d4
 Concen: 50.09 ug/l
 RT: 8.02 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

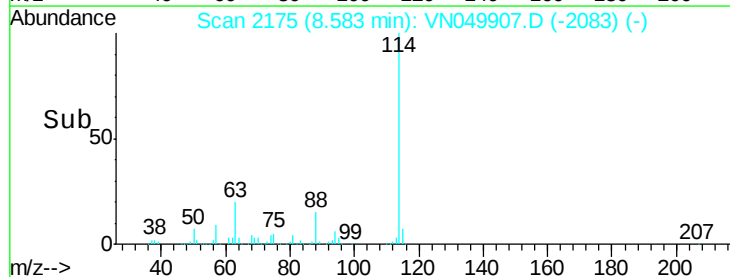
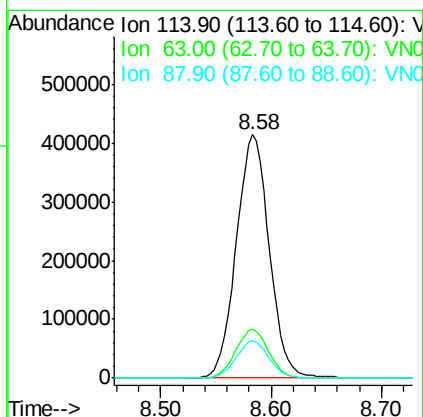
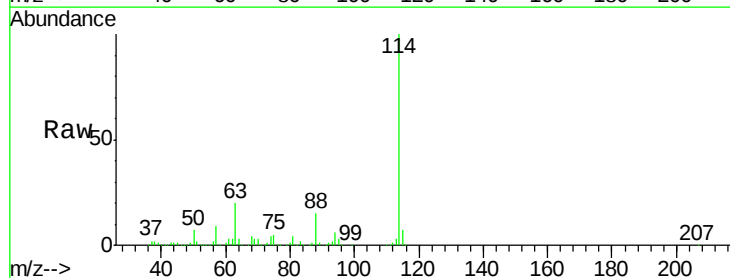
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

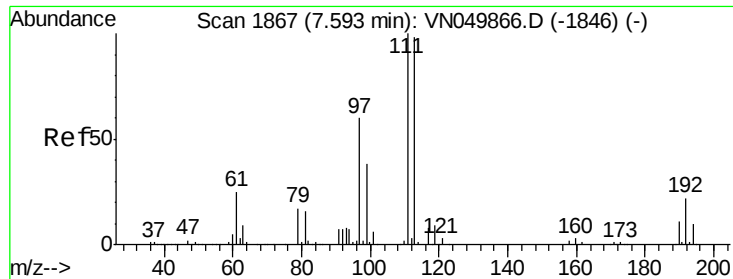
Tot Ion: 65 Resp: 403223
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Tgt Ion: 114 Resp: 857448
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.4 0.0 30.6

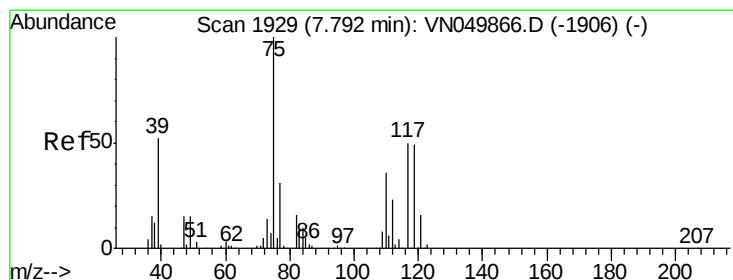
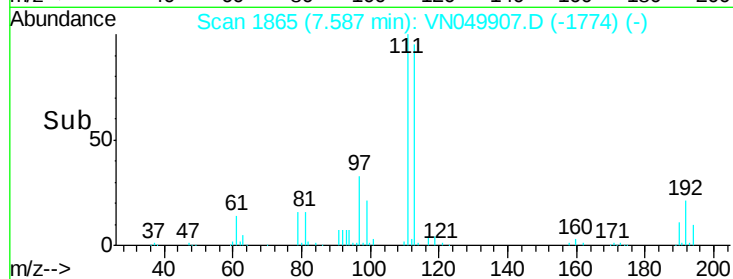
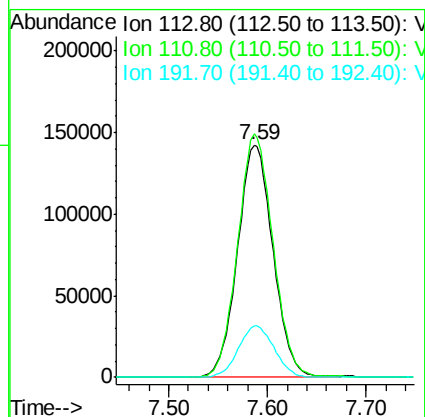
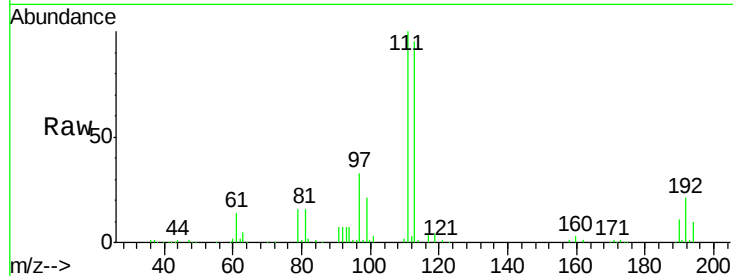




#35
 Dibromofluoromethane
 Concen: 49.45 ug/l
 RT: 7.59 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

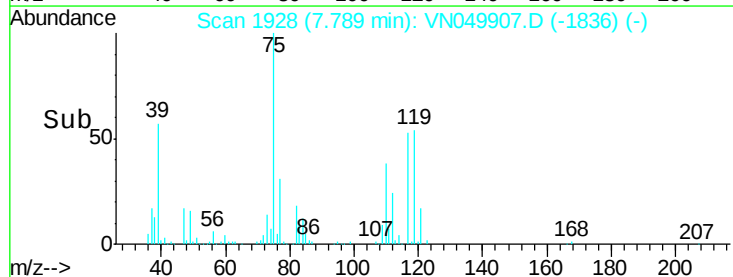
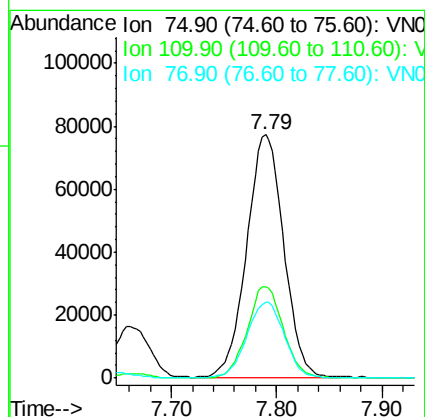
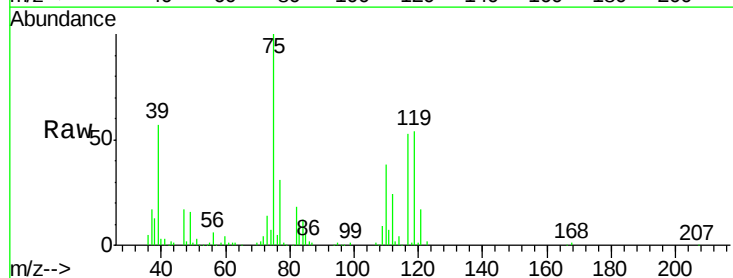
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

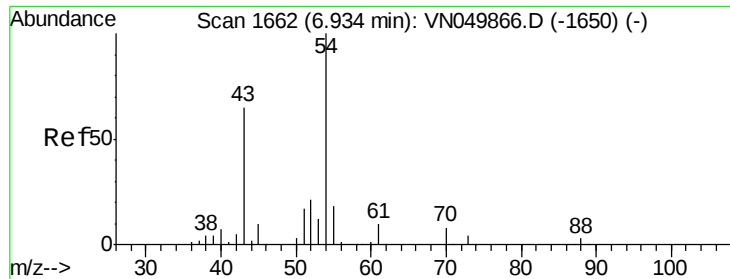
Tot Ion:113 Resp: 355974
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.8 122.8
 192 22.4 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 19.70 ug/l
 RT: 7.79 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Tgt Ion: 75 Resp: 187846
 Ion Ratio Lower Upper
 75 100
 110 36.9 18.1 54.4
 77 32.1 24.9 37.3

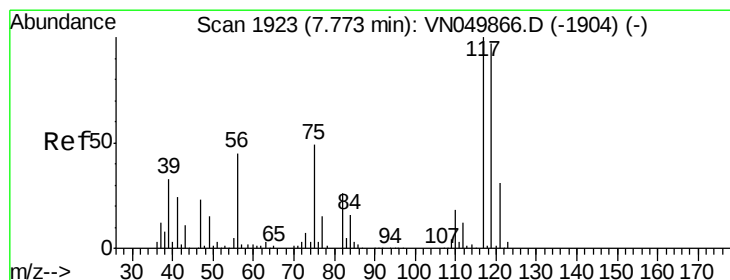
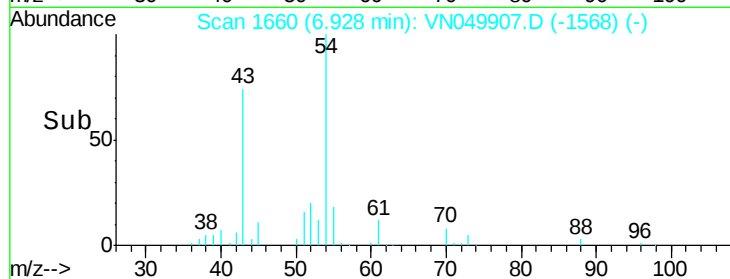
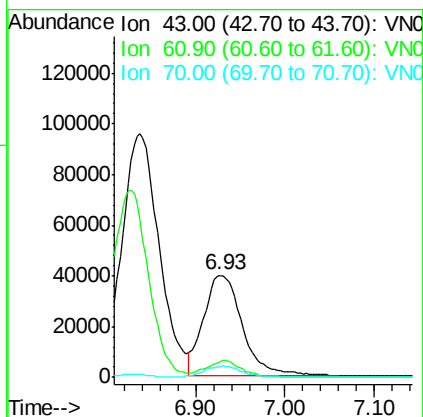
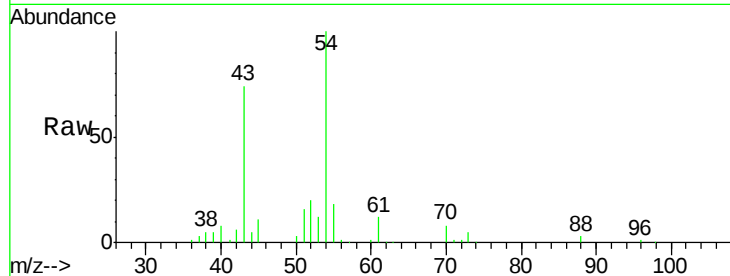




#37
Ethyl Acetate
Concen: 18.40 ug/l
RT: 6.93 min Scan# 1660
Delta R.T. -0.01 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

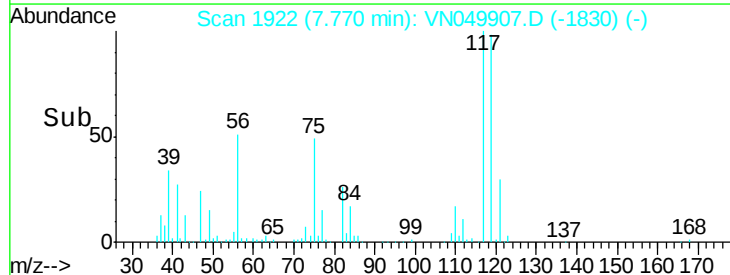
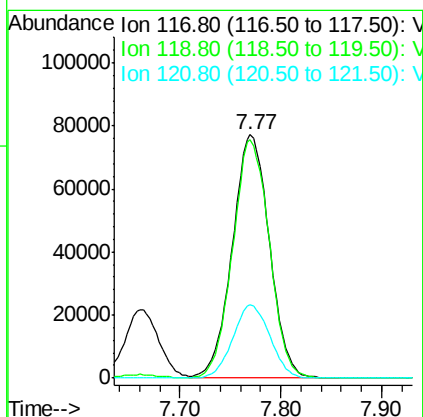
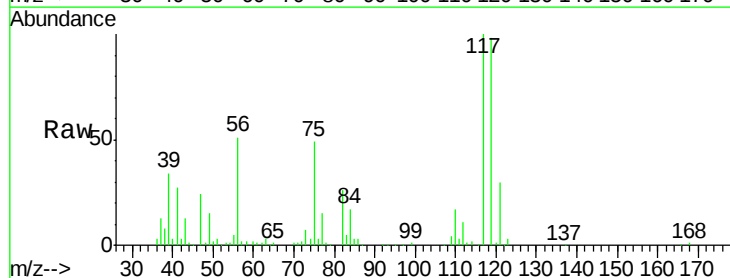
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

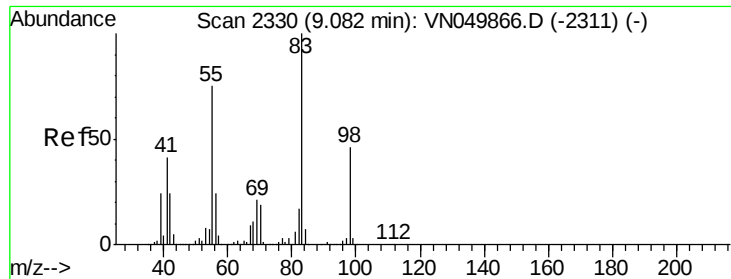
Tot Ion: 43 Resp: 120457
Ion Ratio Lower Upper
43 100
61 14.8 11.7 17.5
70 10.0 8.4 12.6



#38
Carbon Tetrachloride
Concen: 19.30 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion: 117 Resp: 197136
Ion Ratio Lower Upper
117 100
119 98.1 77.2 115.8
121 30.3 25.0 37.6

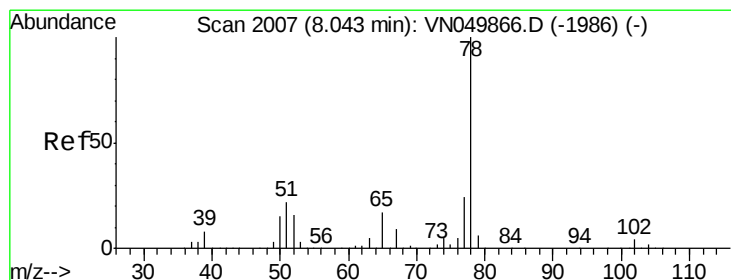
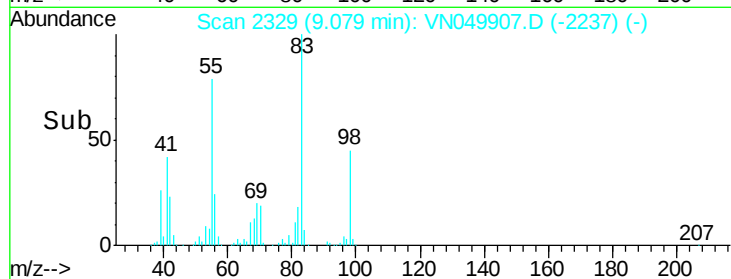
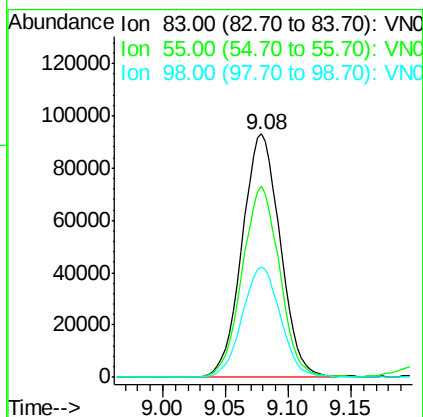
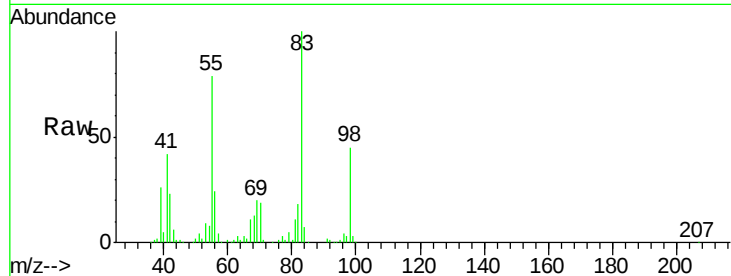




#39
Methvlcvclohexane
Concen: 20.00 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

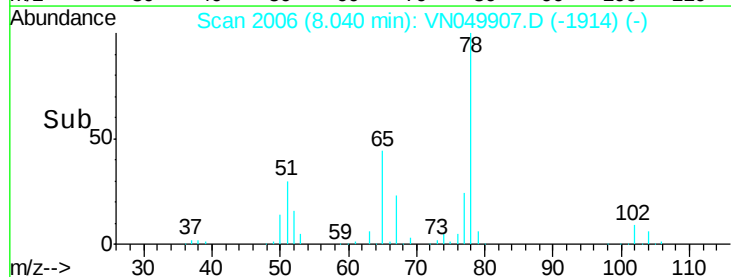
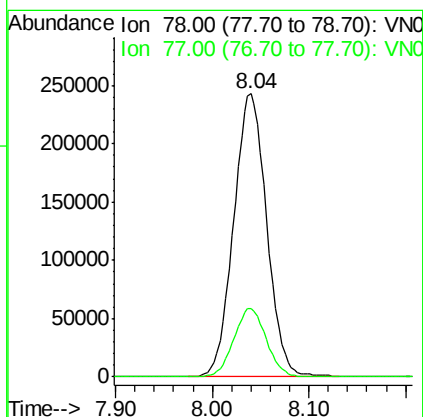
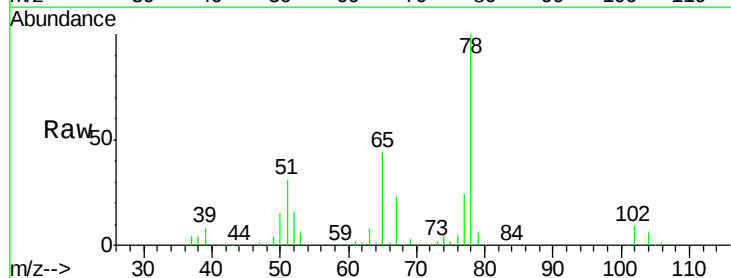
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

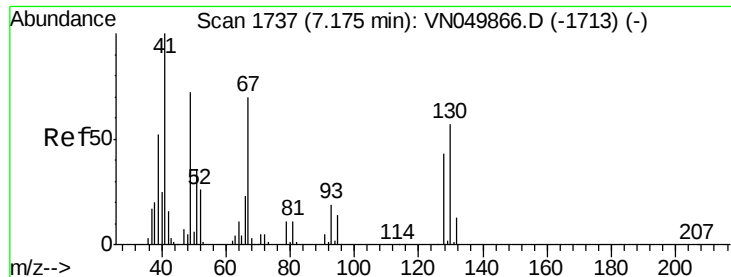
Tot Ion: 83 Resp: 196955
Ion Ratio Lower Upper
83 100
55 78.5 59.7 89.5
98 45.2 36.5 54.7



#40
Benzene
Concen: 19.82 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion: 78 Resp: 576015
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

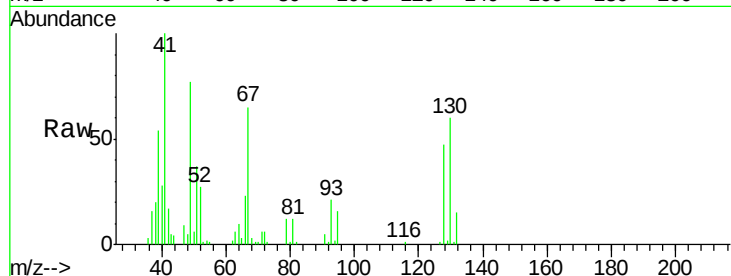




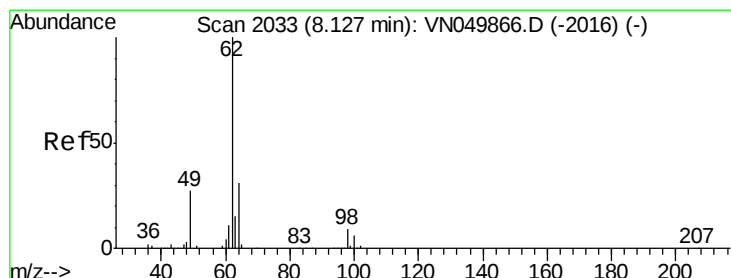
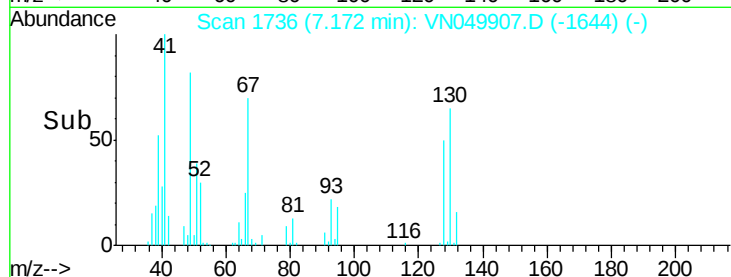
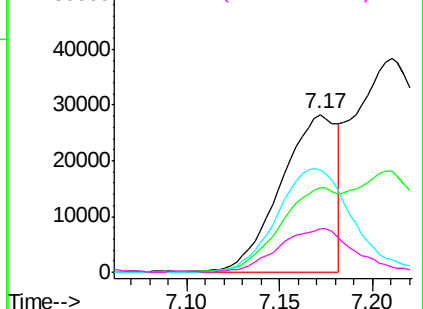
#41
Methacrylonitrile
Concen: 18.24 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tot Ion:	41	Resp:	59859
Ion	Ratio	Lower	Upper
41	100		
39	54.3	45.4	68.2
67	88.2	65.4	98.0
52	37.0	24.7	37.1

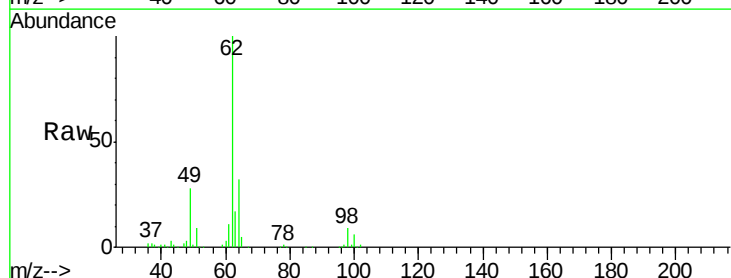


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

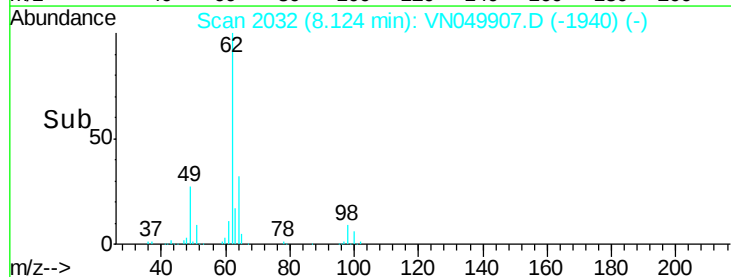
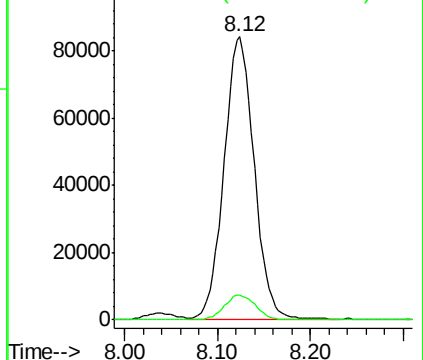


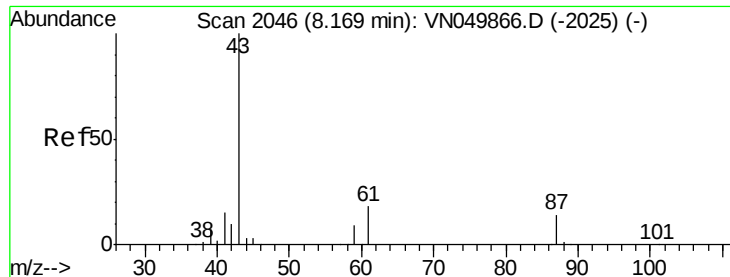
#42
1,2-Dichloroethane
Concen: 19.66 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion:	62	Resp:	189261
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.67 ug/l

RT: 8.16 min Scan# 2044

Delta R.T. -0.01 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

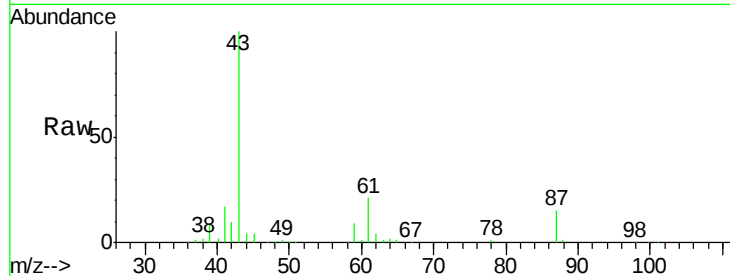
Tot Ion: 43 Resp: 224932

Ion Ratio Lower Upper

43 100

61 18.9 14.9 22.3

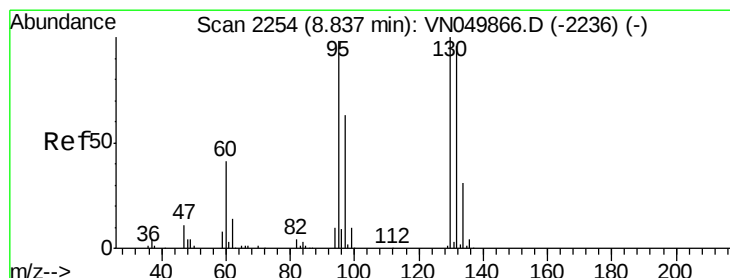
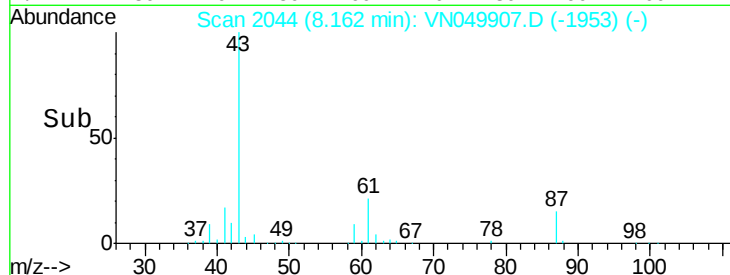
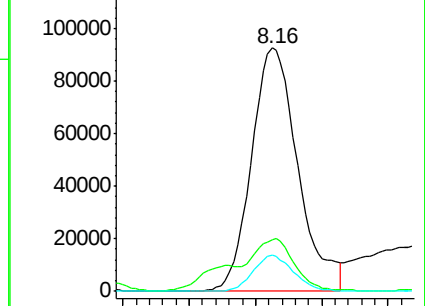
87 13.0 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN049866.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN049866.D (-2025) (-)



#44

Trichloroethene

Concen: 20.16 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049907.D

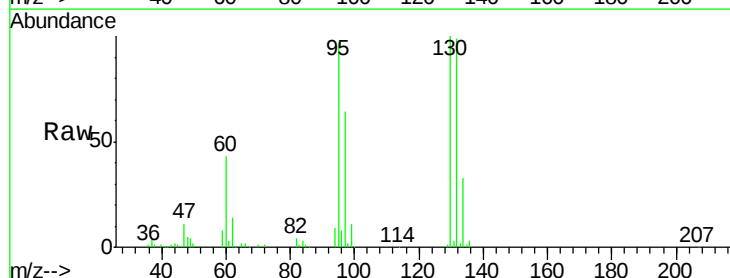
Acq: 19 Jul 2018 11:16

Tgt Ion:130 Resp: 153611

Ion Ratio Lower Upper

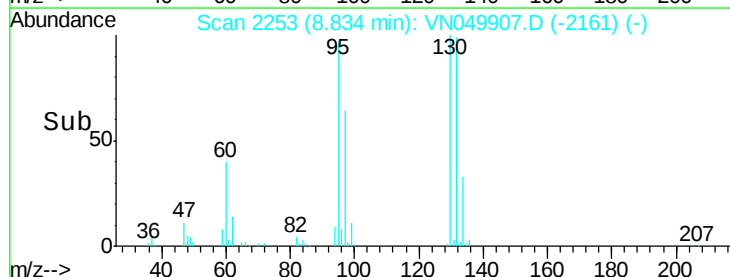
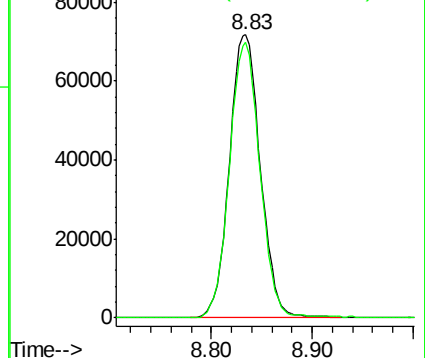
130 100

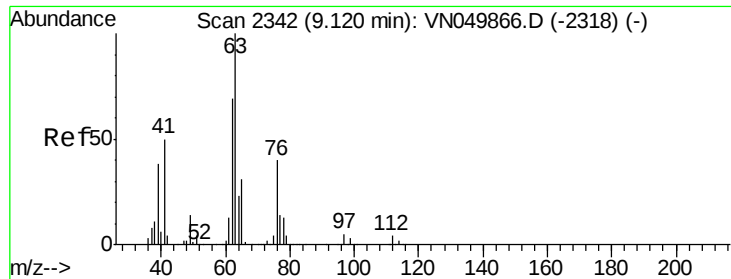
95 97.4 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049866.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049866.D (-2236) (-)





#45

1,2-Dichloropropane

Concen: 19.36 ug/l

RT: 9.12 min Scan# 2341

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

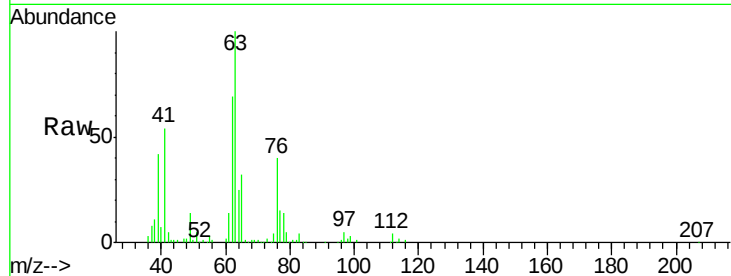
VN0719WBS01

Tot Ion: 63 Resp: 151755

Ion Ratio Lower Upper

63 100

65 32.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

80000

60000

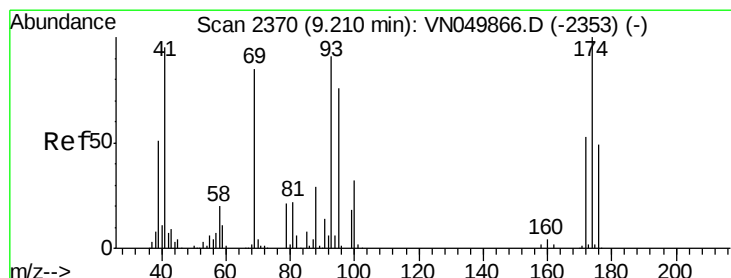
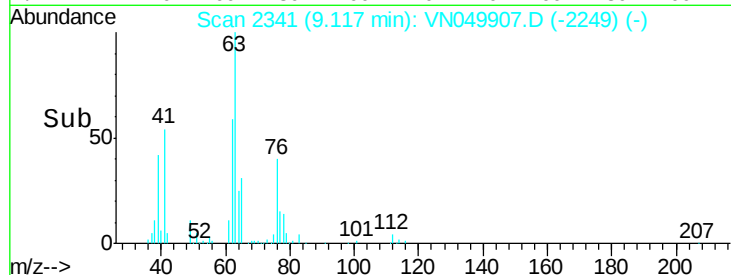
40000

20000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 18.88 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

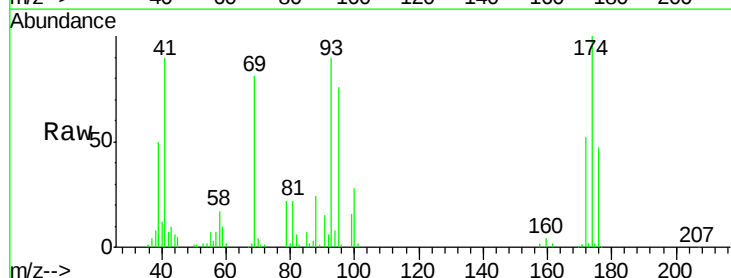
Tgt Ion: 93 Resp: 91804

Ion Ratio Lower Upper

93 100

95 85.3 67.9 101.9

174 111.7 89.4 134.0



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

60000

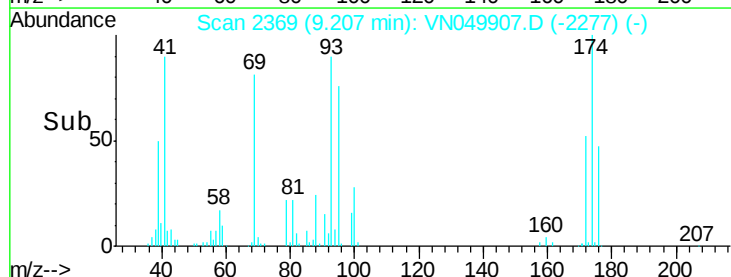
40000

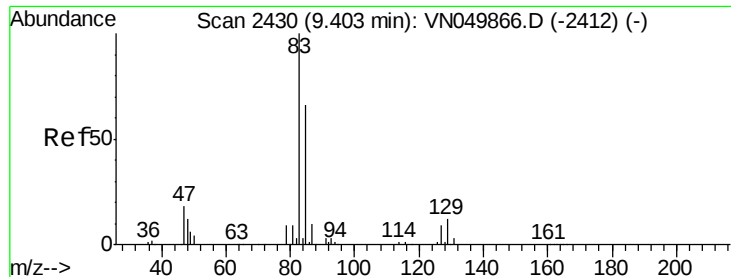
20000

0

Time-->

9.10 9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 19.97 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampled :

VN0719WBS01

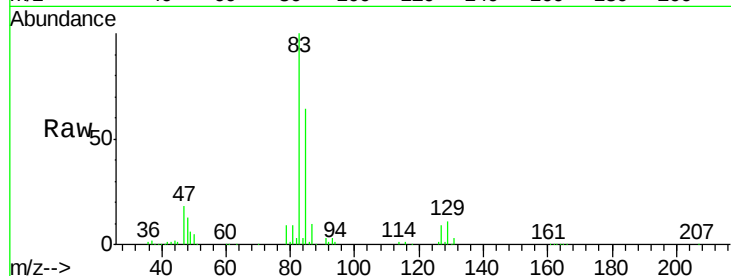
Tot Ion: 83 Resp: 200802

Ion Ratio Lower Upper

83 100

85 63.9 50.5 75.7

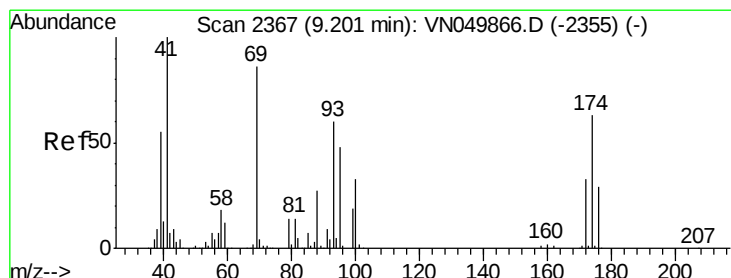
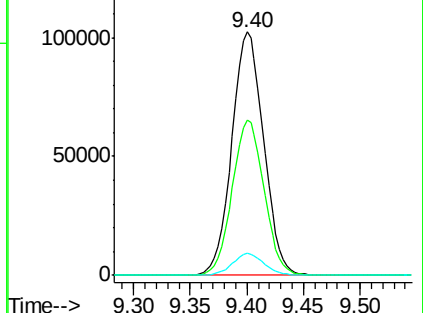
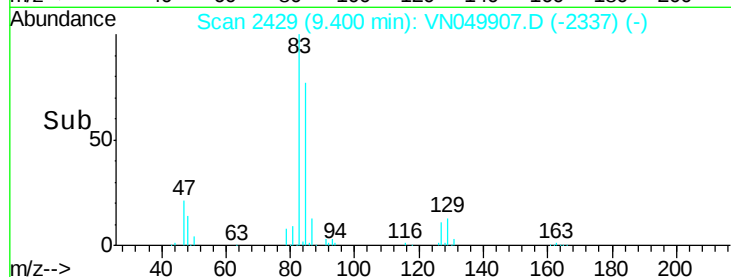
127 9.3 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.68 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

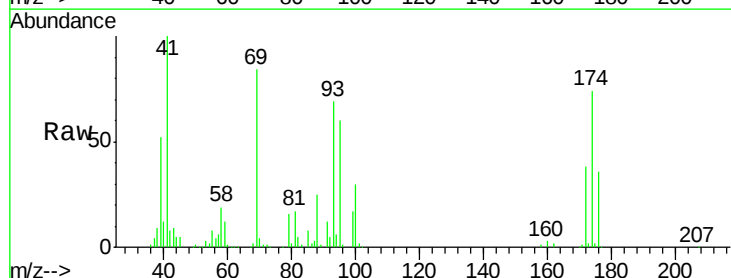
Tgt Ion: 41 Resp: 107157

Ion Ratio Lower Upper

41 100

69 87.5 71.5 107.3

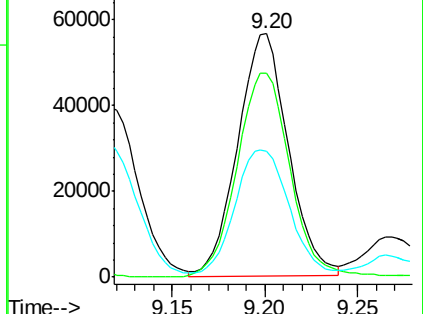
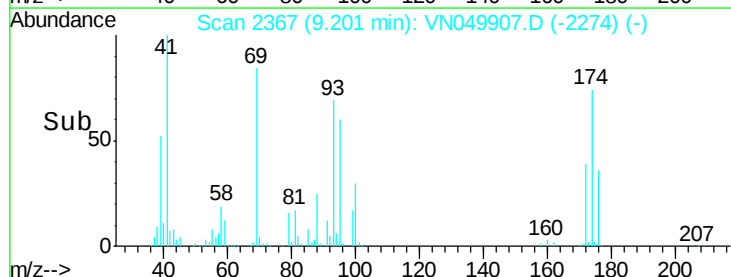
39 56.3 44.7 67.1

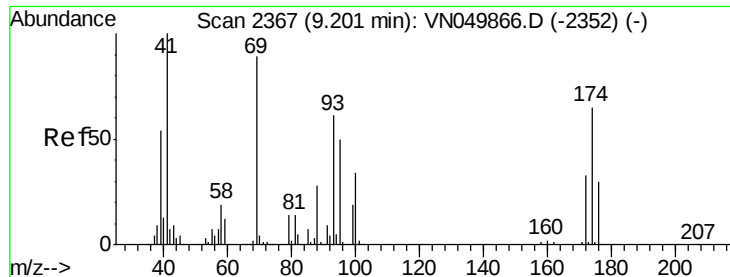


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 376.50 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

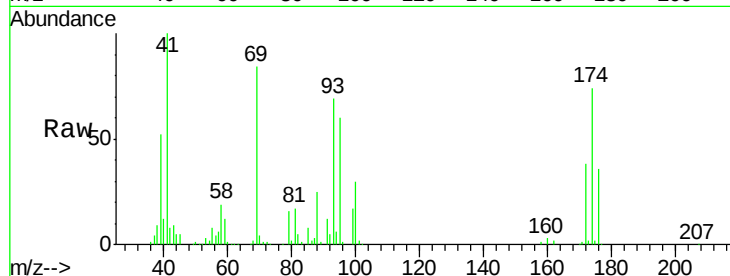
Tot Ion: 88 Resp: 30643

Ion Ratio Lower Upper

88 100

43 33.1 25.1 37.7

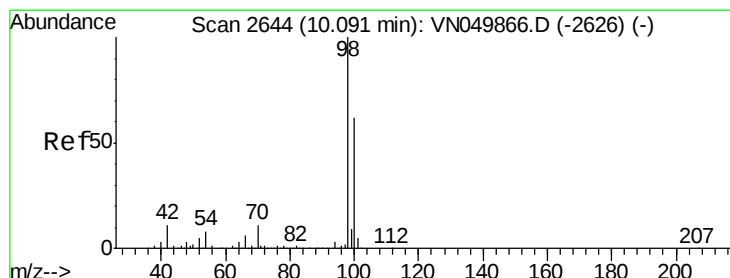
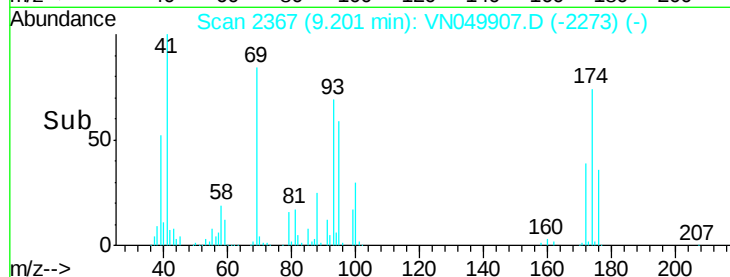
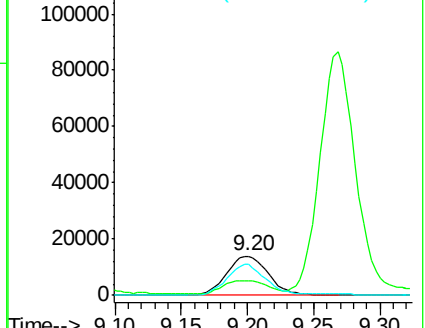
58 73.2 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN049866.D (-2352) (-)

Ion 43.00 (42.70 to 43.70): VN049866.D (-2352) (-)

Ion 58.00 (57.70 to 58.70): VN049866.D (-2352) (-)



#50

Toluene-d8

Concen: 51.19 ug/l

RT: 10.09 min Scan# 2643

Delta R.T. -0.00 min

Lab File: VN049907.D

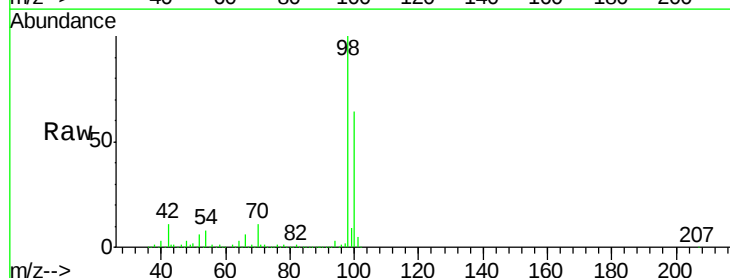
Acq: 19 Jul 2018 11:16

Tgt Ion: 98 Resp: 1342503

Ion Ratio Lower Upper

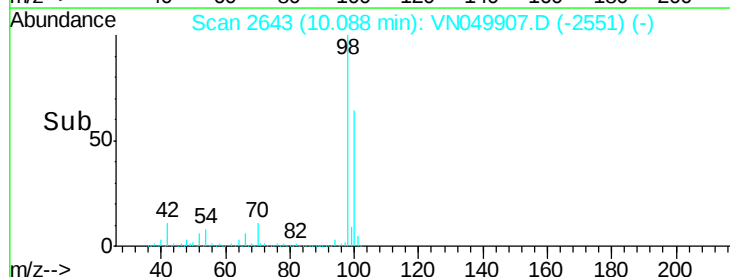
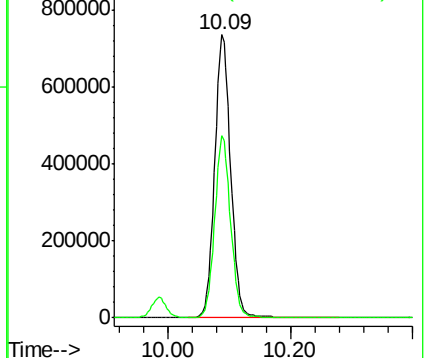
98 100

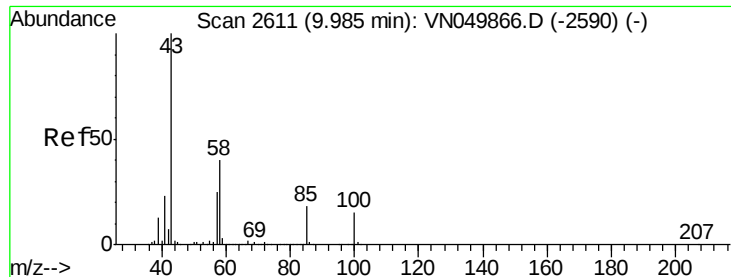
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049866.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049866.D (-2626) (-)

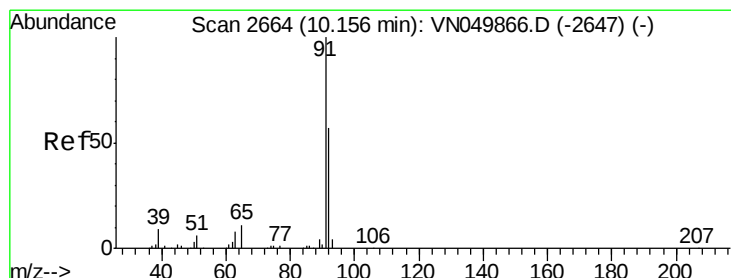
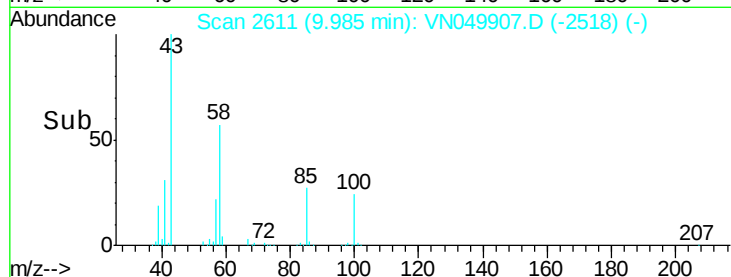
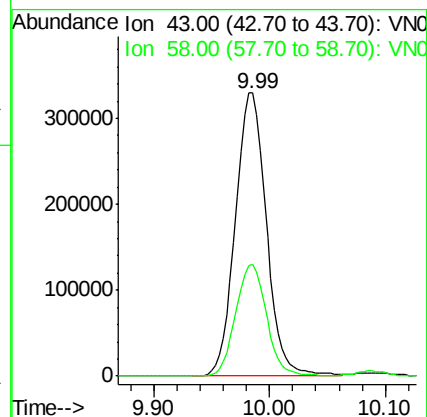
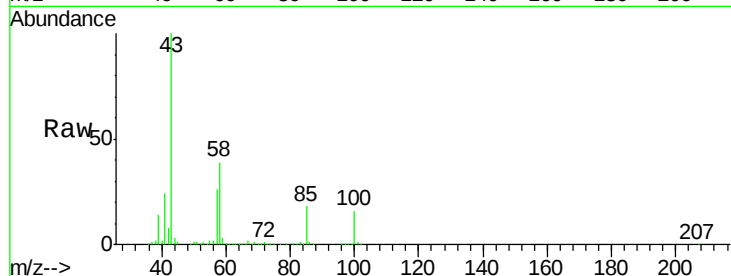




#51
4-Methyl-2-Pentanone
Concen: 95.33 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

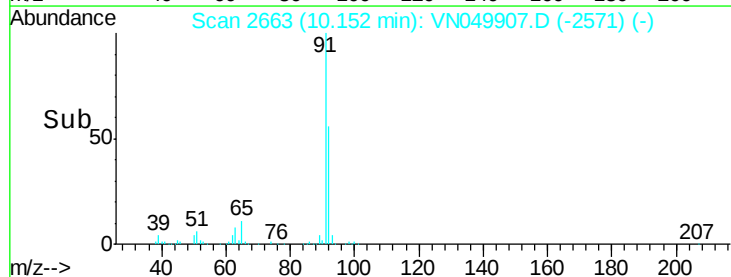
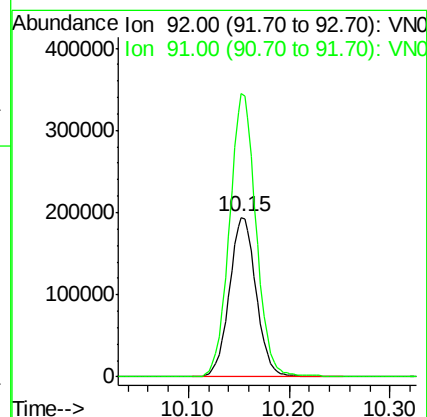
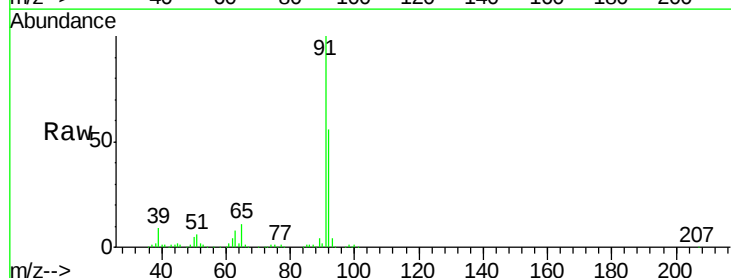
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

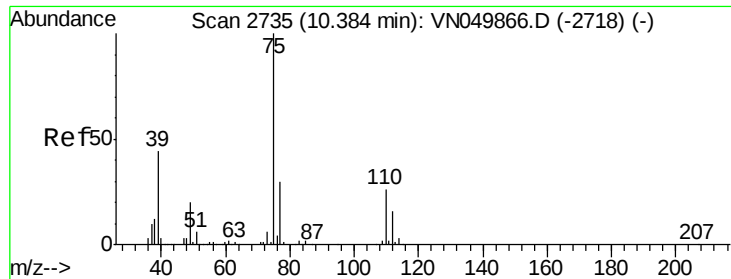
Tot Ion: 43 Resp: 609507
Ion Ratio Lower Upper
43 100
58 39.4 31.8 47.8



#52
Toluene
Concen: 20.78 ug/l
RT: 10.15 min Scan# 2663
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion: 92 Resp: 360217
Ion Ratio Lower Upper
92 100
91 176.3 140.1 210.1

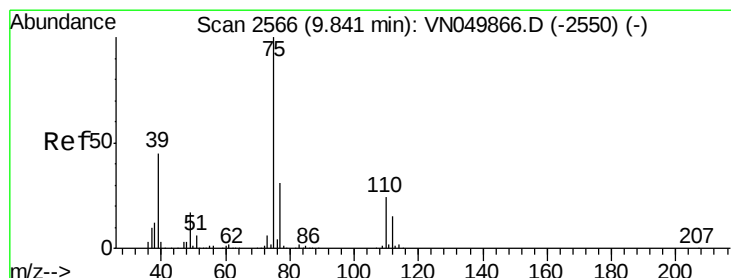
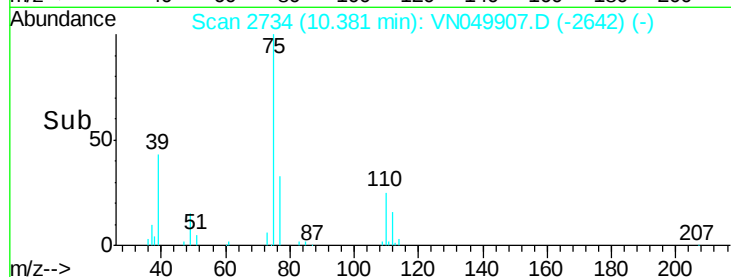
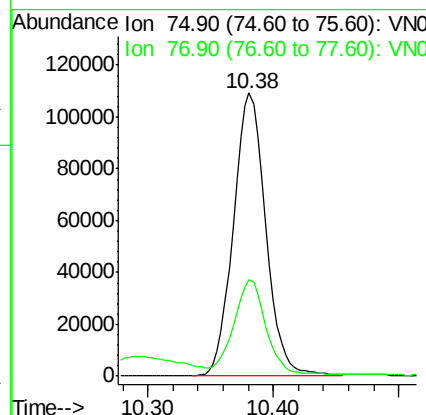
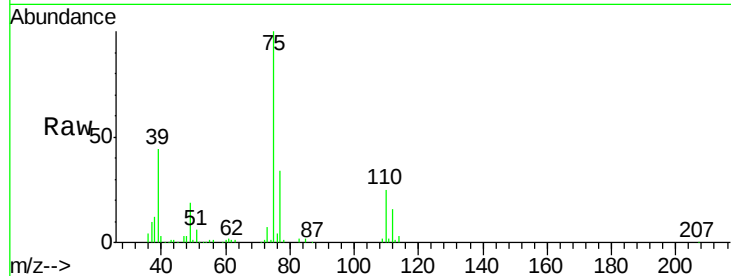




#53
t-1,3-Dichloropropene
Concen: 19.64 ug/l
RT: 10.38 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

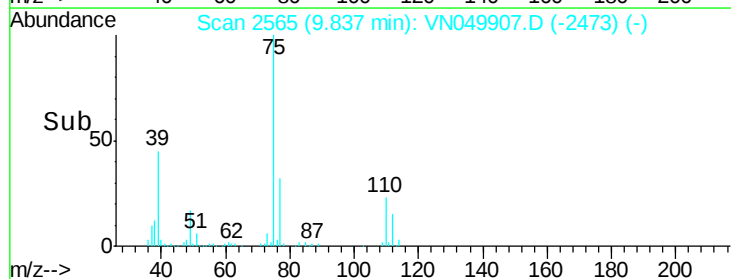
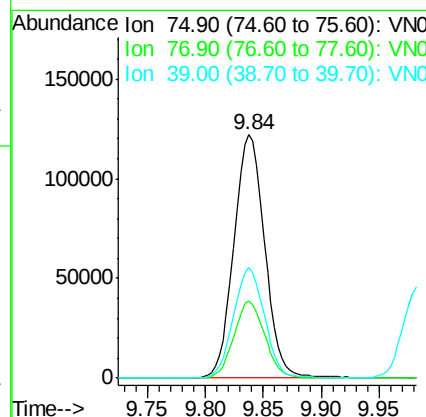
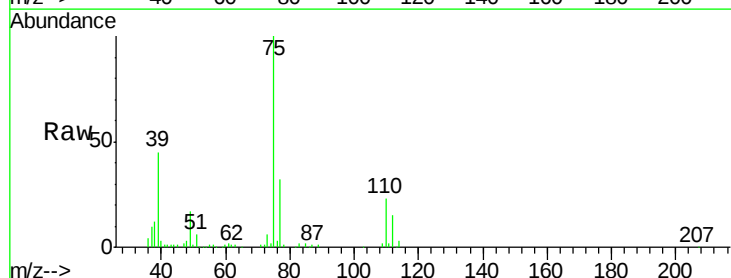
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

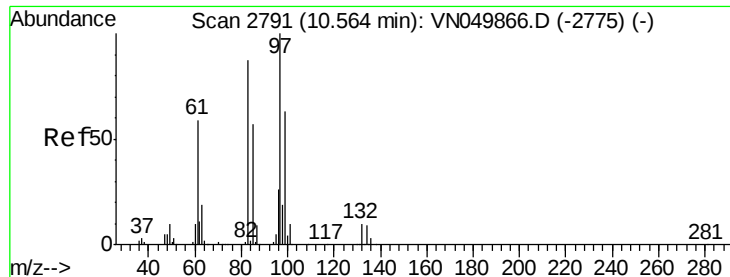
Tot Ion: 75 Resp: 195289
Ion Ratio Lower Upper
75 100
77 33.2 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.44 ug/l
RT: 9.84 min Scan# 2565
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion: 75 Resp: 224628
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 45.1 35.5 53.3

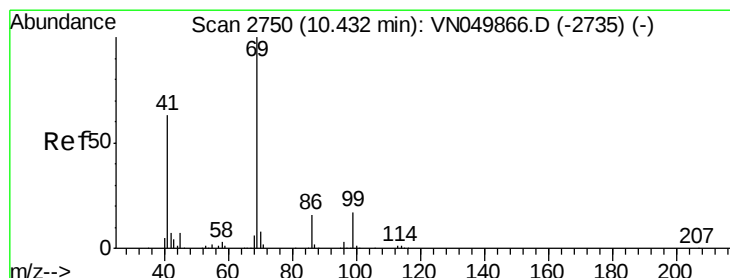
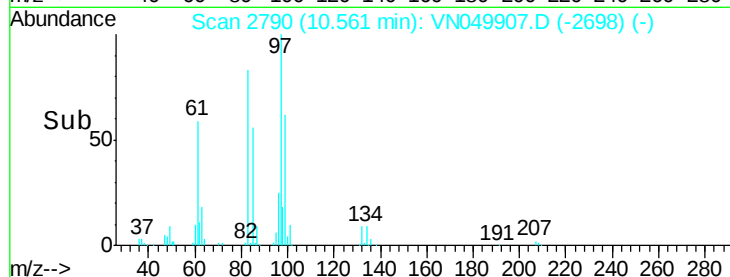
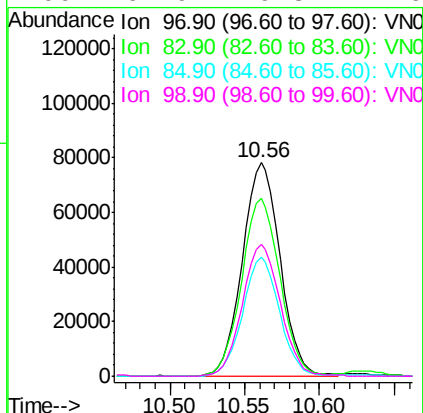
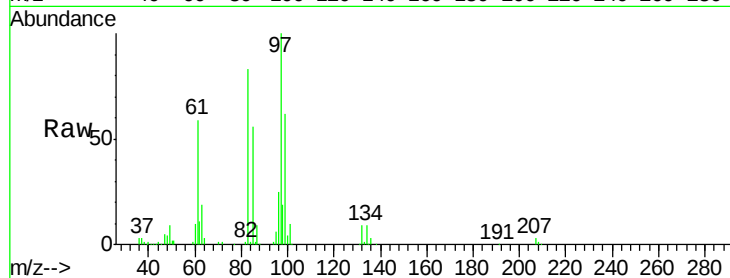




#55
 1,1,2-Trichloroethane
 Concen: 19.25 ug/l
 RT: 10.56 min Scan# 2790
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

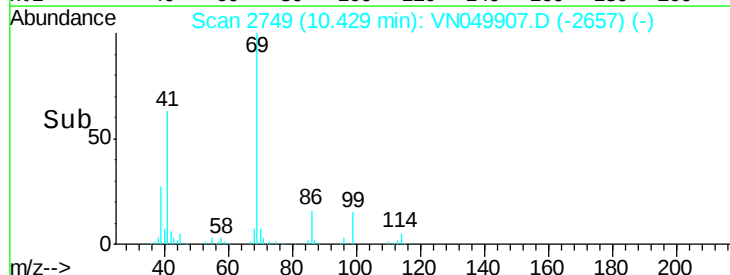
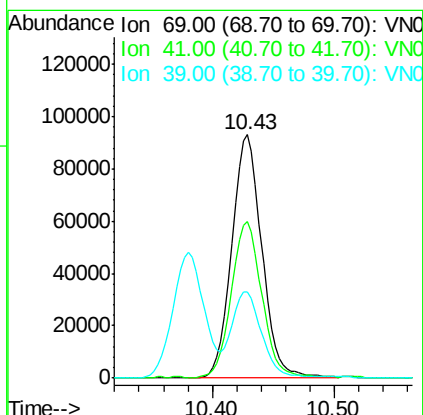
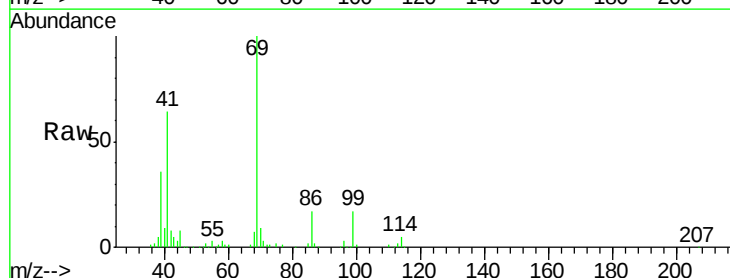
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

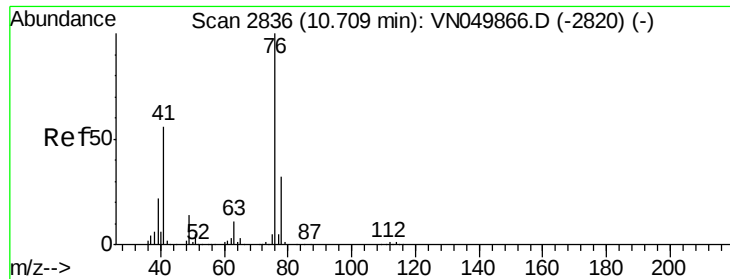
Tot Ion:	97	Resp:	137848
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.0	103.6
85	55.9	44.9	67.3
99	61.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 18.06 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Tgt Ion:	69	Resp:	159775
Ion	Ratio	Lower	Upper
69	100		
41	64.6	51.6	77.4
39	34.9	25.8	38.8

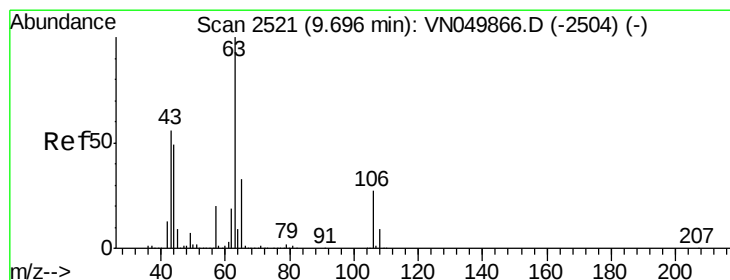
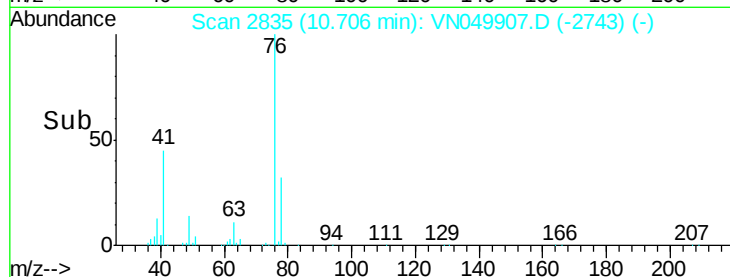
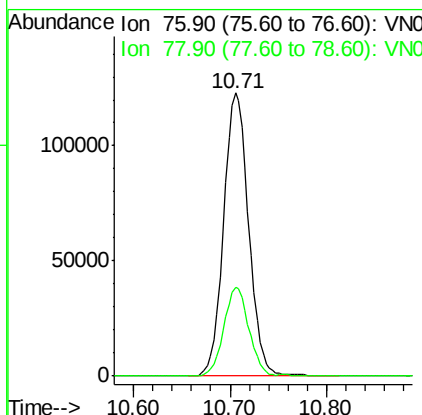
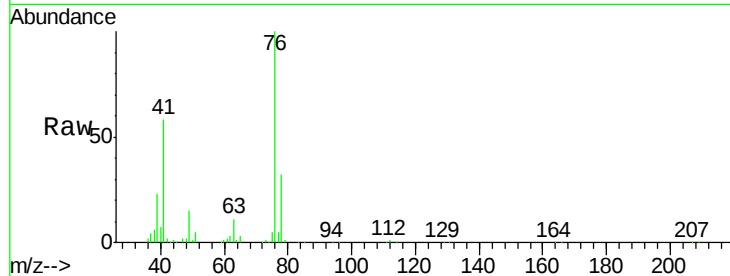




#57
 1,3-Dichloropropane
 Concen: 19.55 ug/l
 RT: 10.71 min Scan# 2835
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

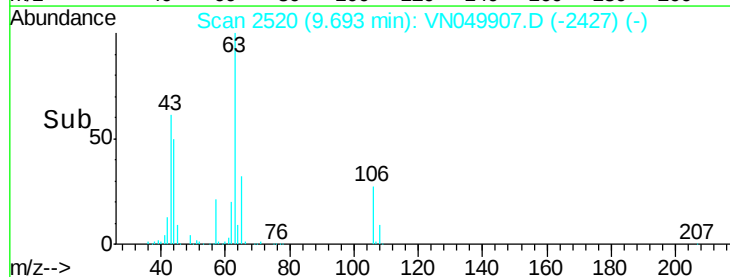
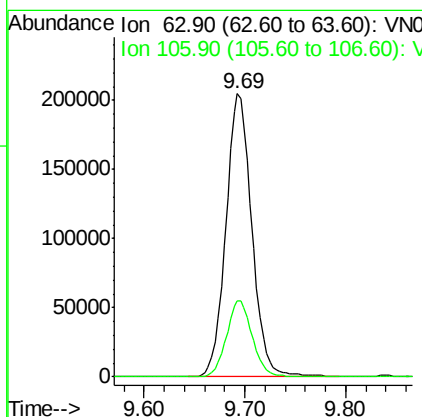
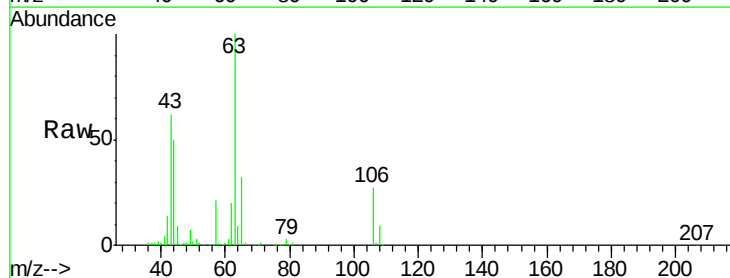
Instrument :
 MSVOA_N
 ClientSampled :
 VN0719WBS01

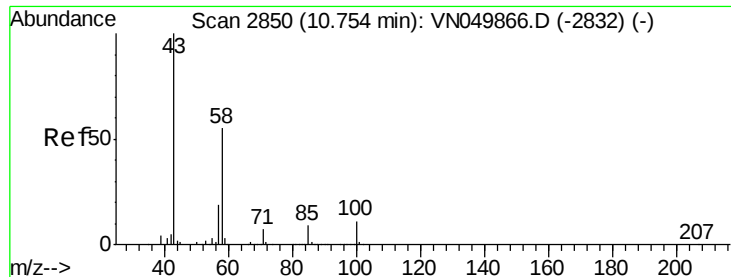
Tot Ion: 76 Resp: 220434
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.09 ug/l
 RT: 9.69 min Scan# 2520
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Tgt Ion: 63 Resp: 368450
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.8 32.8

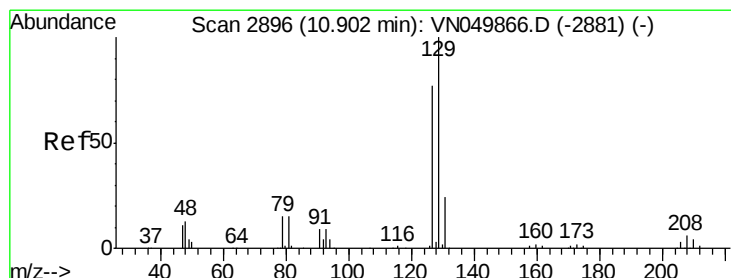
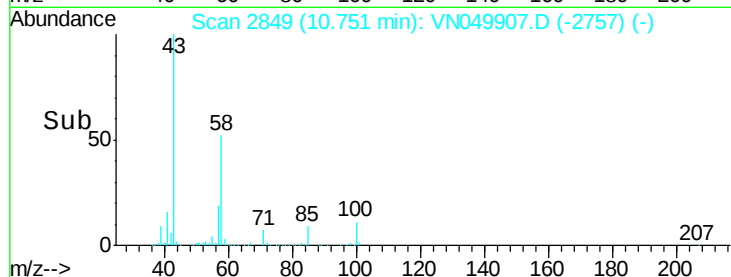
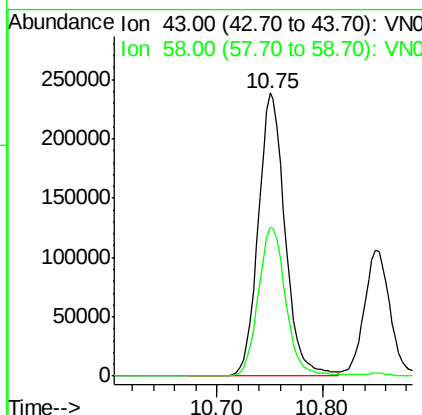
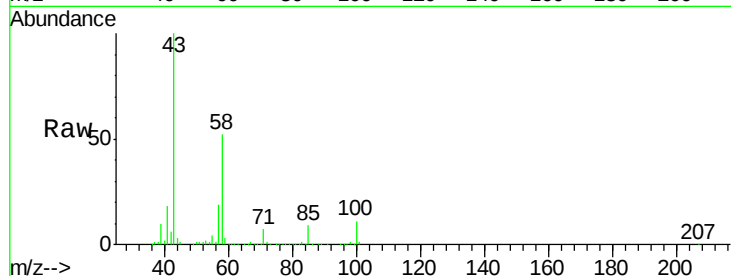




#59
2-Hexanone
Concen: 97.98 ug/l
RT: 10.75 min Scan# 2849
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

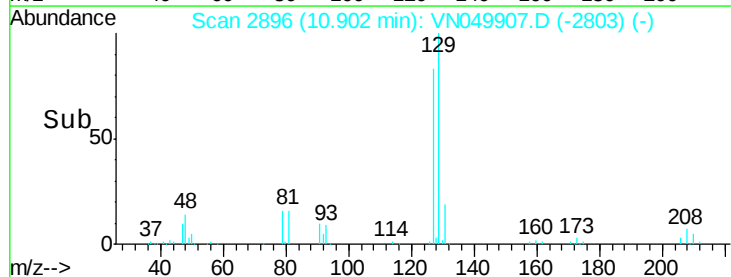
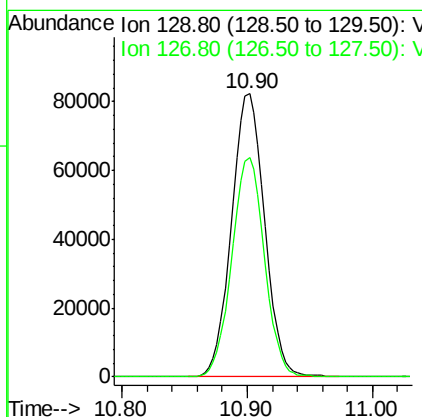
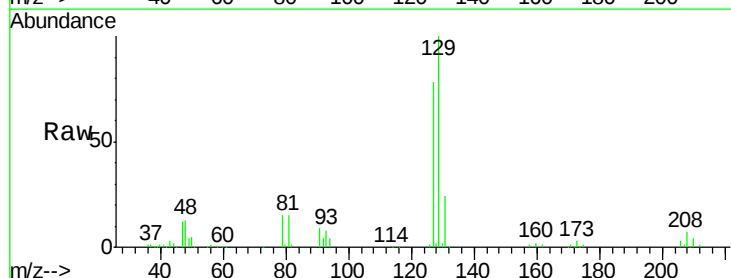
Instrument :
MSVOA_N
ClientSampled :
VN0719WBS01

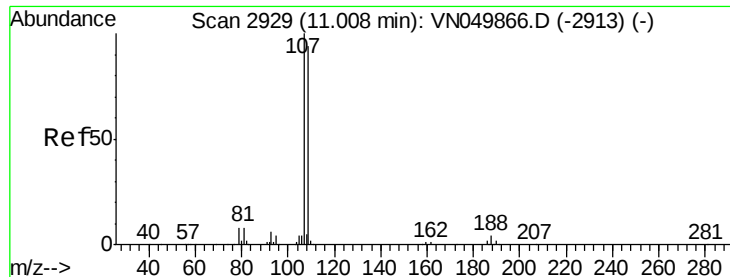
Tot Ion: 43 Resp: 420768
Ion Ratio Lower Upper
43 100
58 54.1 27.8 83.4



#60
Dibromochloromethane
Concen: 19.20 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion: 129 Resp: 150734
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9

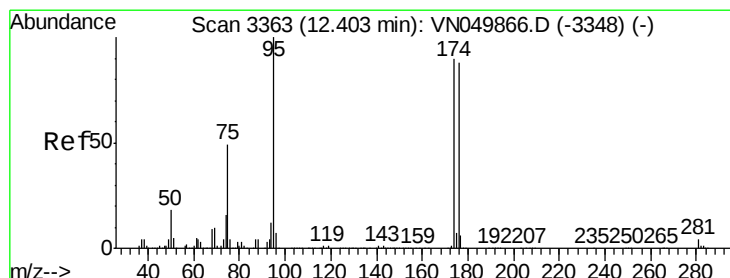
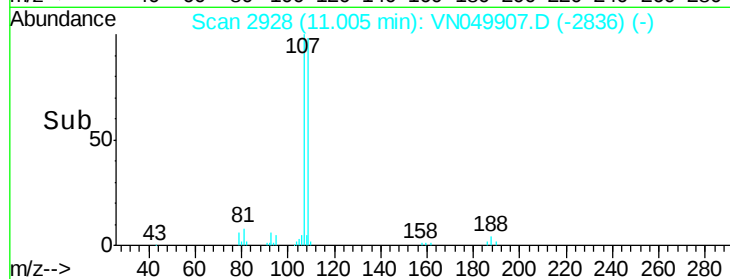
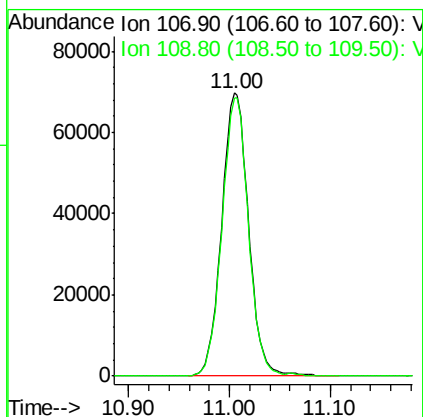
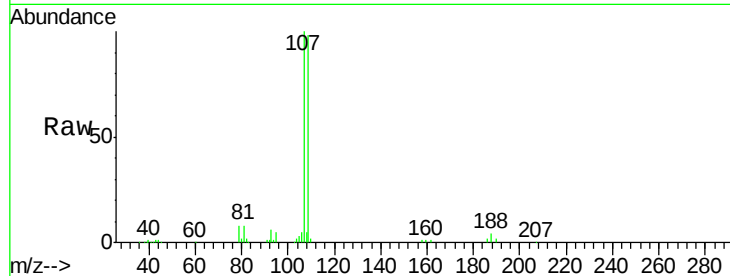




#61
 1,2-Dibromoethane
 Concen: 19.45 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

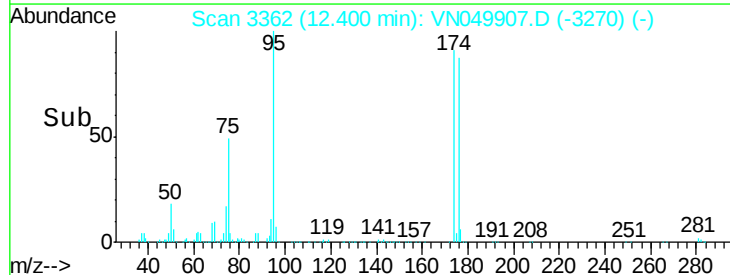
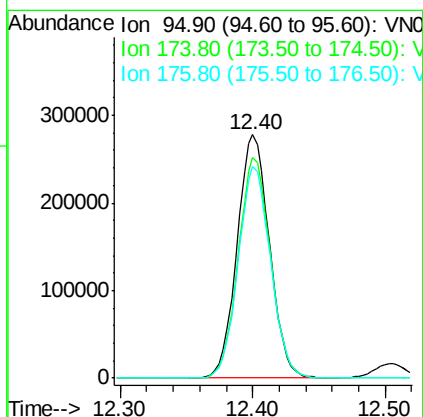
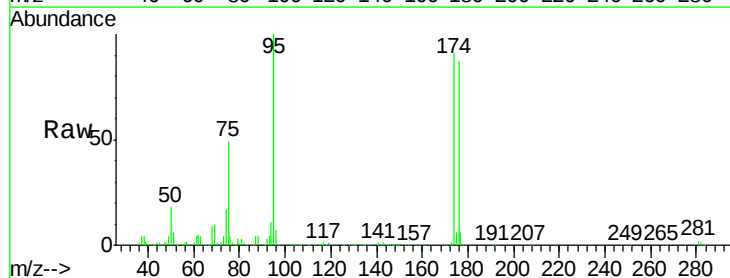
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

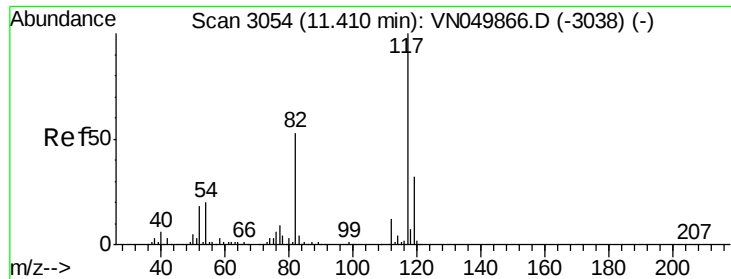
Tot Ion: 107 Resp: 130135
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 52.06 ug/l
 RT: 12.40 min Scan# 3362
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Tgt Ion: 95 Resp: 470249
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 179.6
 176 86.9 0.0 174.0

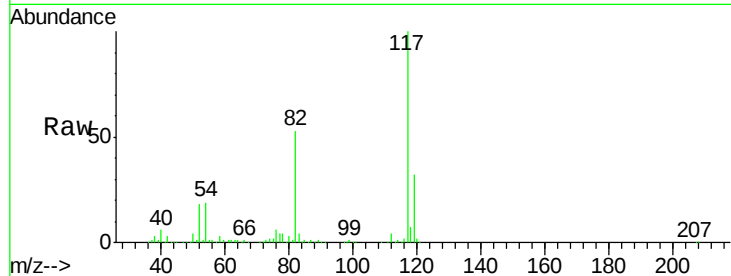




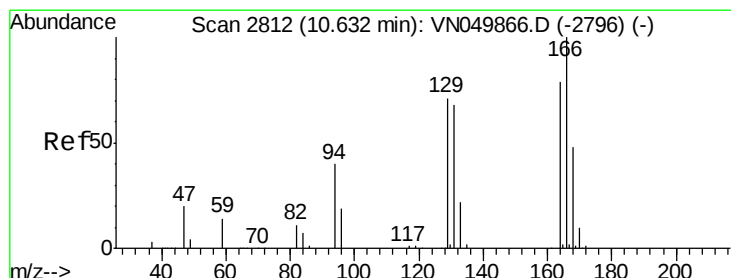
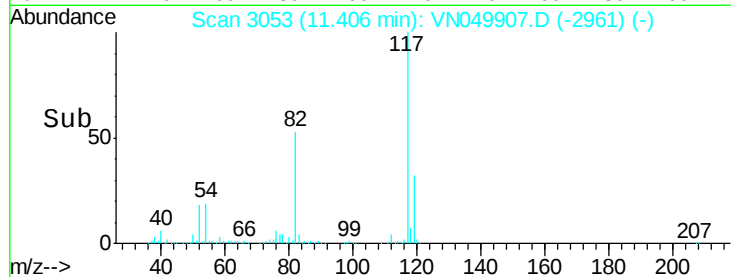
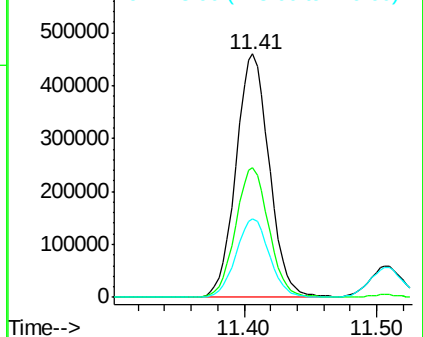
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tot Ion:117 Resp: 801151
Ion Ratio Lower Upper
117 100
82 53.1 41.9 62.9
119 32.5 25.4 38.2

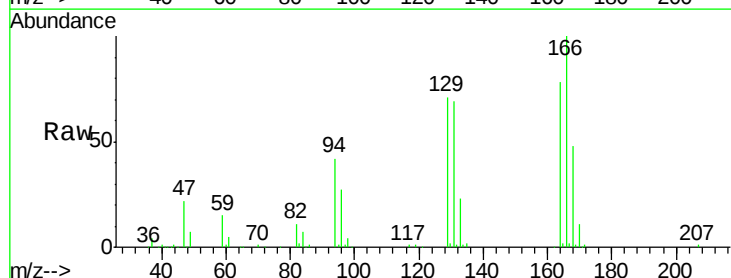


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

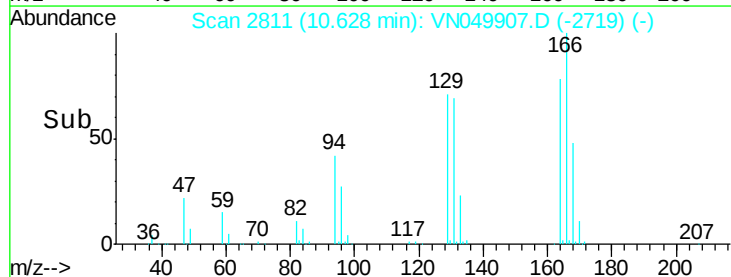
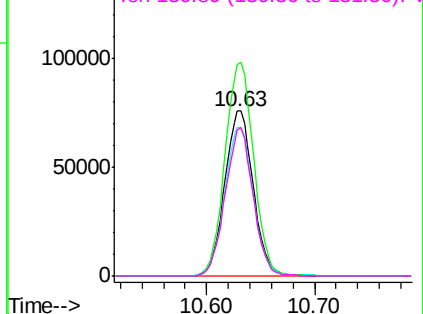


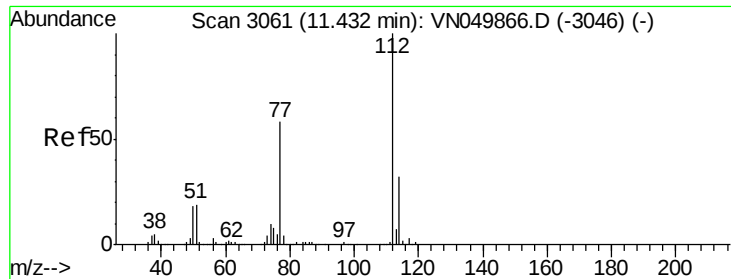
#64
Tetrachloroethene
Concen: 19.37 ug/l
RT: 10.63 min Scan# 2811
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion:164 Resp: 139453
Ion Ratio Lower Upper
164 100
166 127.7 101.8 152.6
129 90.2 72.8 109.2
131 88.5 70.0 105.0



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

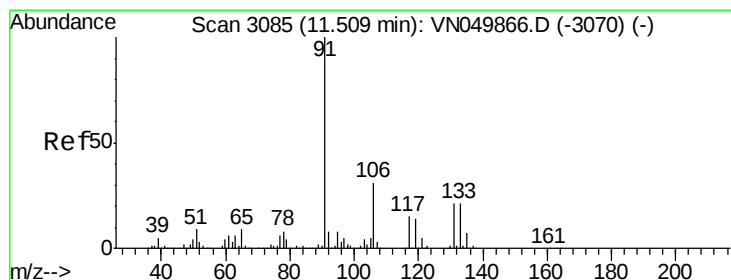
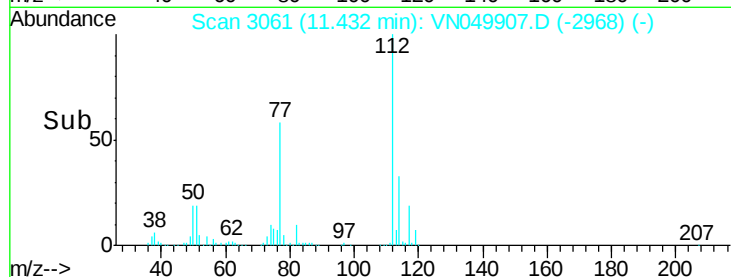
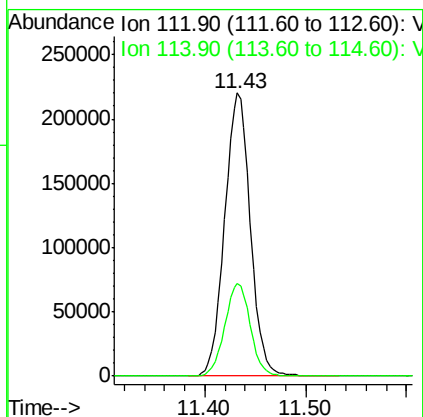
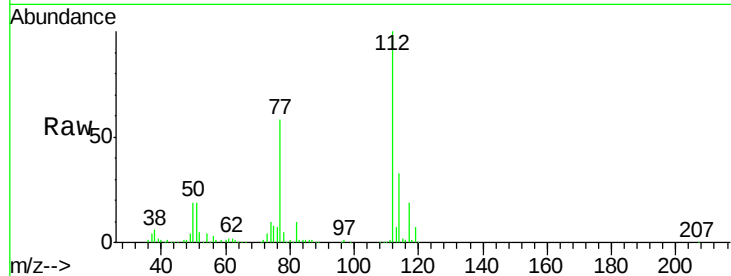




#65
Chlorobenzene
Concen: 19.46 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

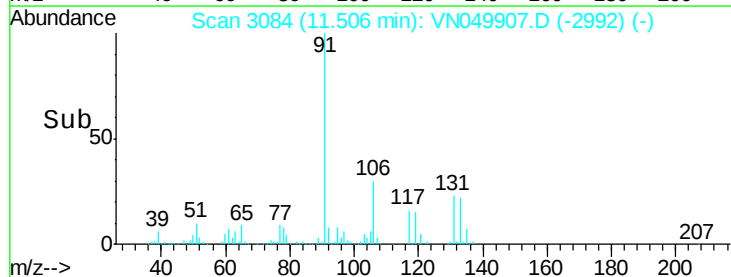
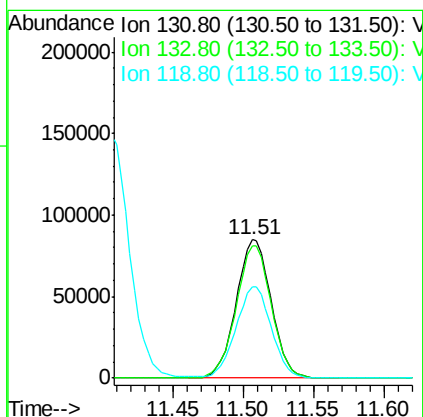
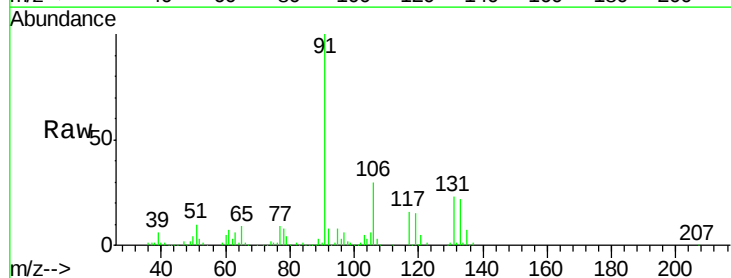
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

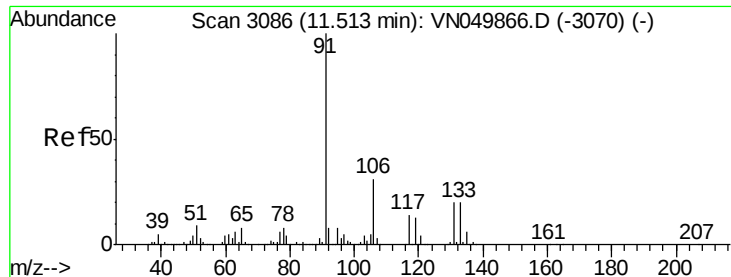
Tot Ion:112 Resp: 391720
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.94 ug/l
RT: 11.51 min Scan# 3084
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion:131 Resp: 147662
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.6
119 66.9 33.1 99.3





#67

Ethyl Benzene

Concen: 20.08 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

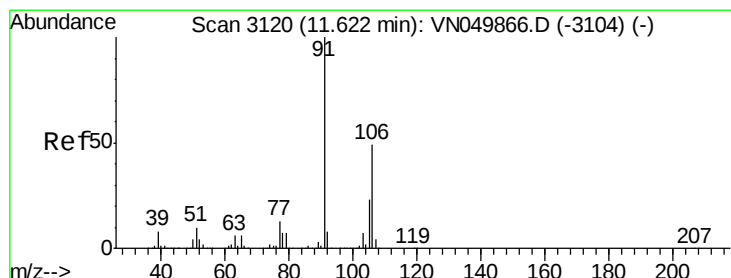
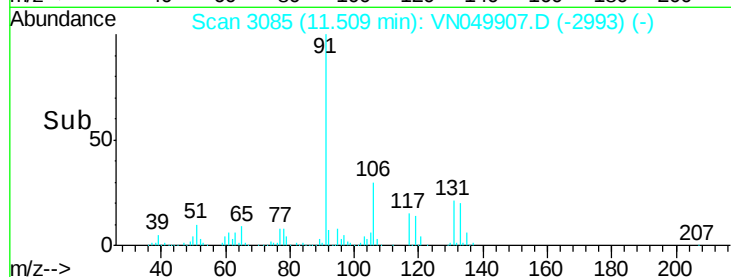
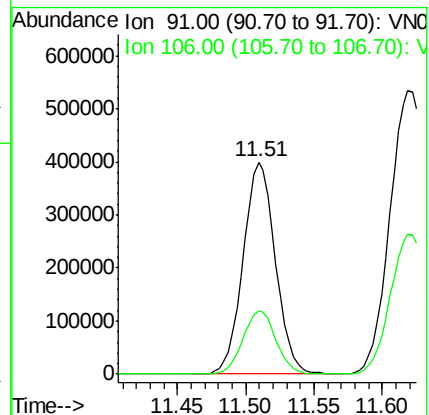
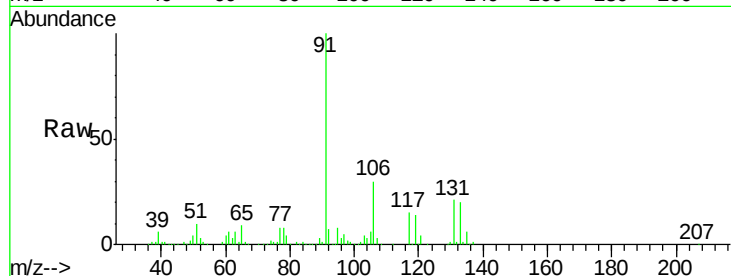
VN0719WBS01

Tot Ion: 91 Resp: 655582

Ion Ratio Lower Upper

91 100

106 29.9 24.8 37.2



#68

m/p-Xylenes

Concen: 41.31 ug/l

RT: 11.62 min Scan# 3119

Delta R.T. -0.00 min

Lab File: VN049907.D

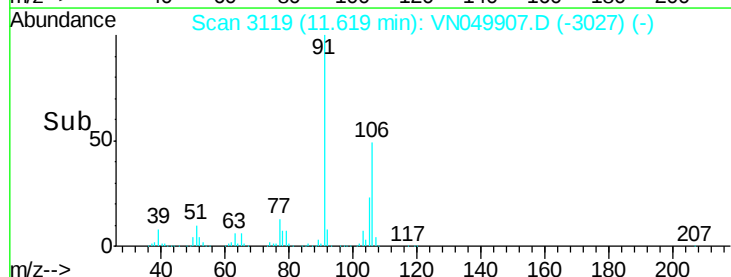
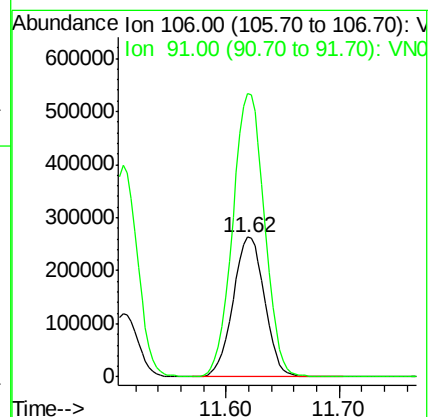
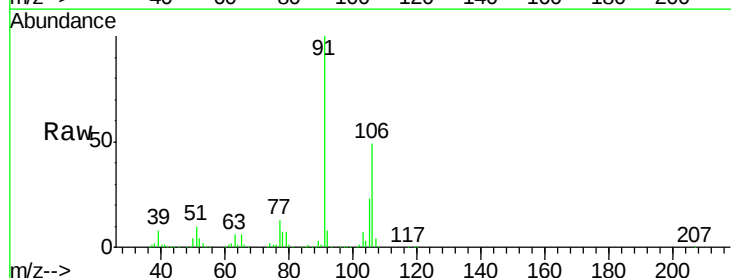
Acq: 19 Jul 2018 11:16

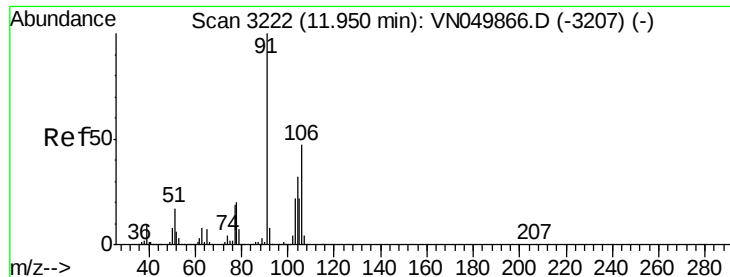
Tgt Ion: 106 Resp: 510677

Ion Ratio Lower Upper

106 100

91 204.4 163.4 245.2

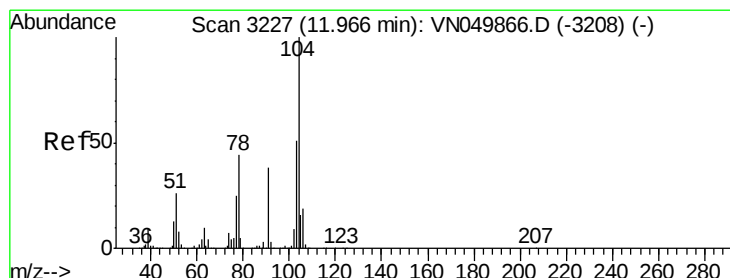
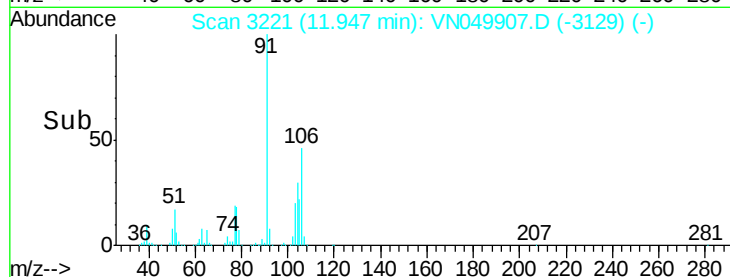
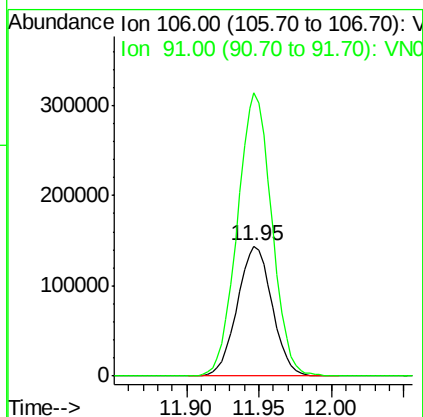
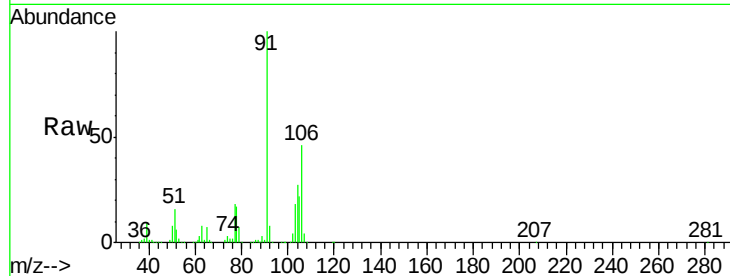




#69
o-Xylene
Concen: 20.28 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

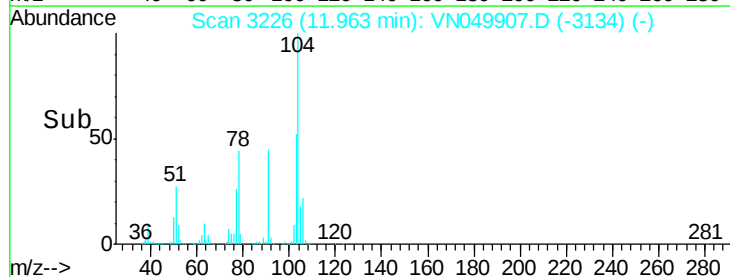
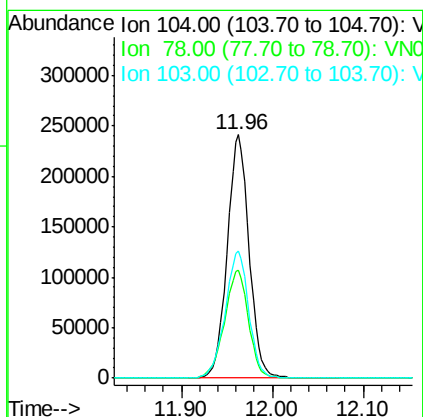
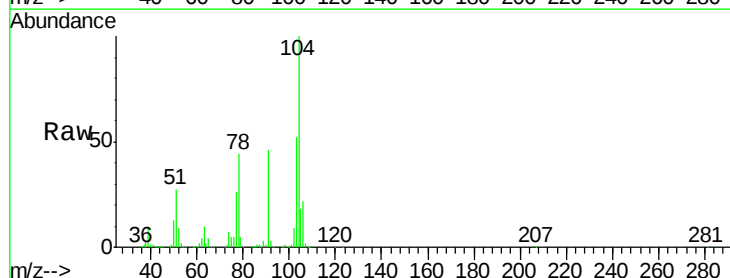
Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

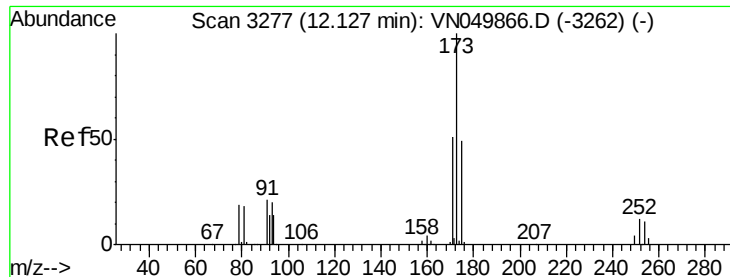
Tot Ion:106 Resp: 240826
Ion Ratio Lower Upper
106 100
91 215.4 108.7 326.1



#70
Styrene
Concen: 20.89 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion:104 Resp: 401737
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 56.6 44.6 67.0

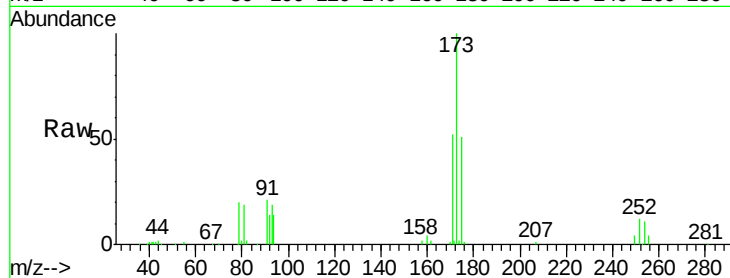




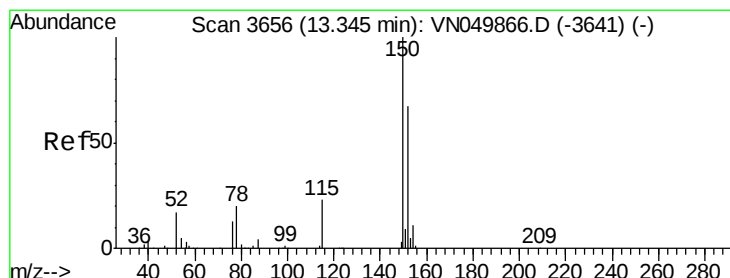
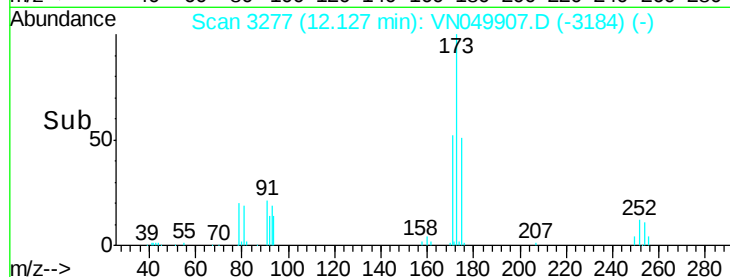
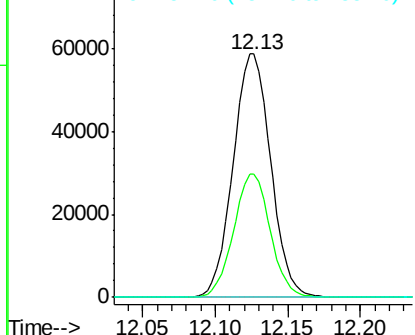
#71
 Bromoform
 Concen: 18.95 ug/l
 RT: 12.13 min Scan# 3277
 Delta R.T. 0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.6	73.8
254	0.0	0.2	0.2#

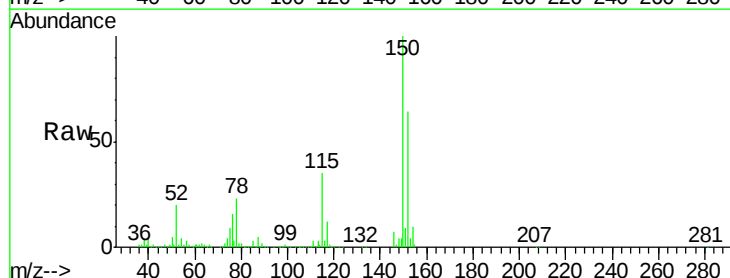


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

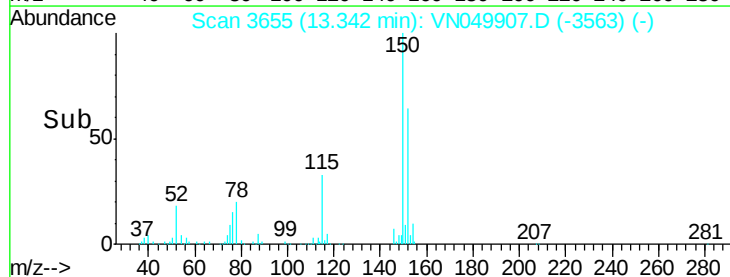
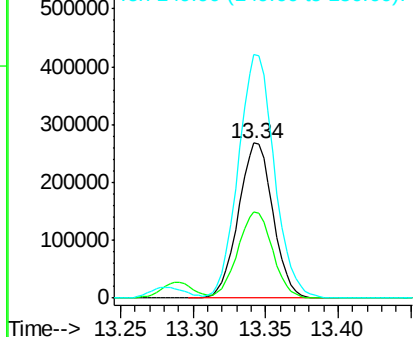


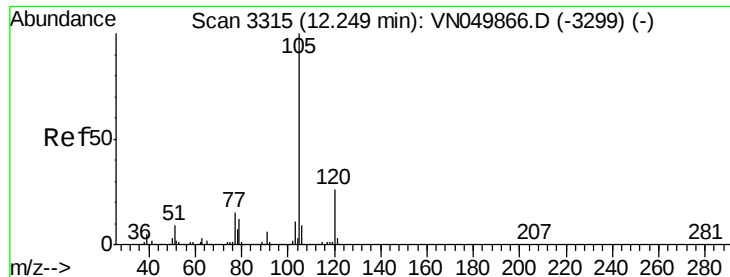
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.34 min Scan# 3655
 Delta R.T. -0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.1	84.2
150	164.0	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: 19.34 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

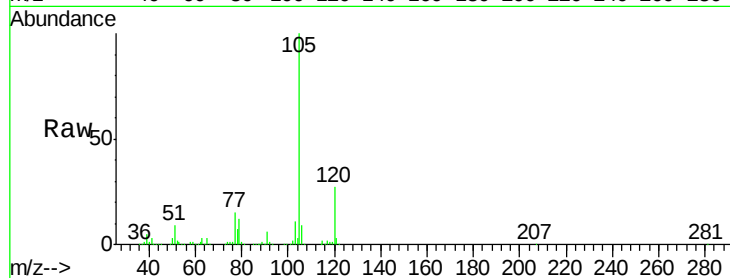
VN0719WBS01

Tot Ion:105 Resp: 652598

Ion Ratio Lower Upper

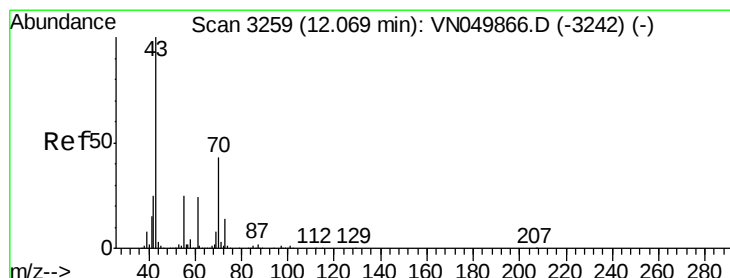
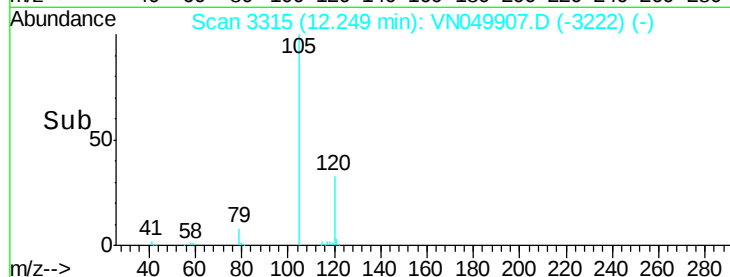
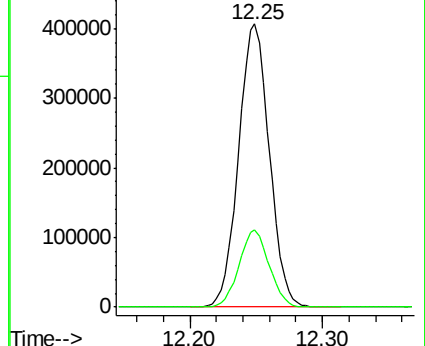
105 100

120 26.7 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: 17.81 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Tgt Ion: 43 Resp: 182991

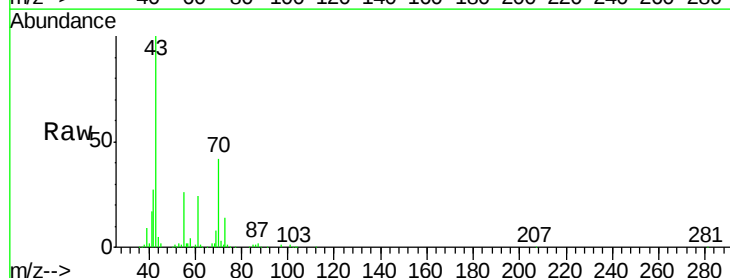
Ion Ratio Lower Upper

43 100

70 43.3 34.8 52.2

55 26.8 20.9 31.3

61 23.9 19.9 29.9

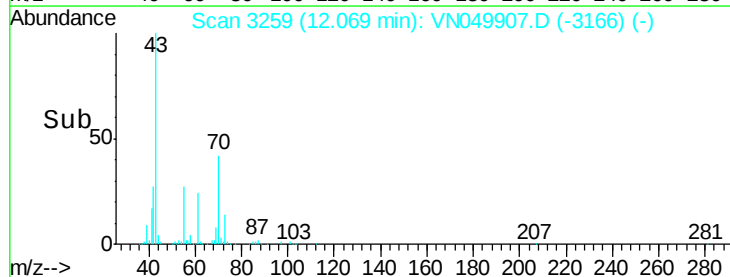
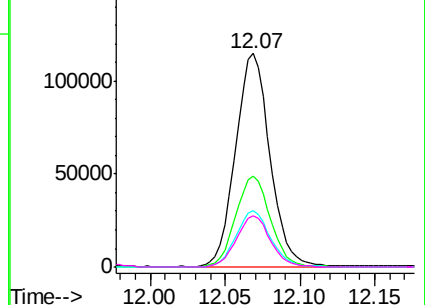


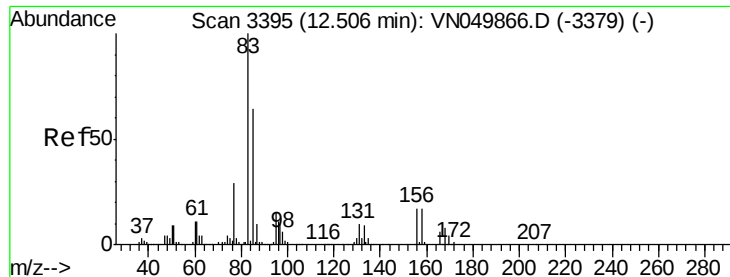
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 17.10 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

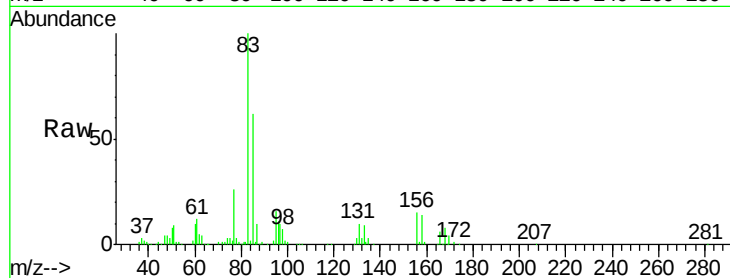
Tot Ion: 83 Resp: 172941

Ion Ratio Lower Upper

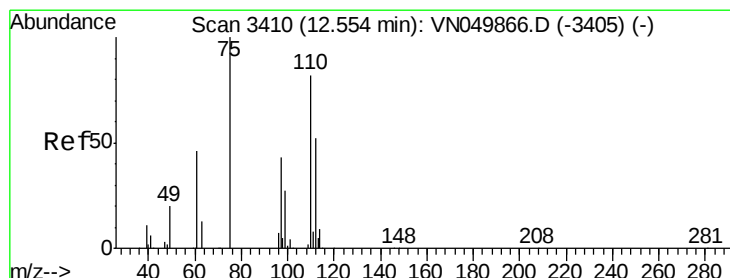
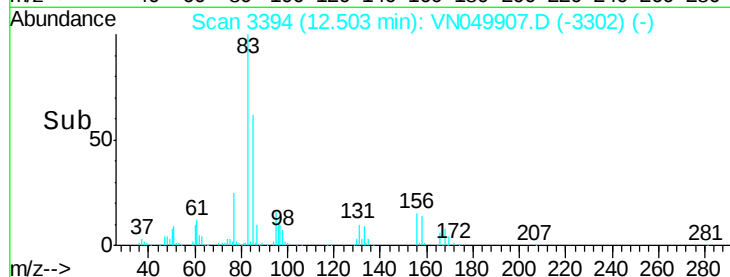
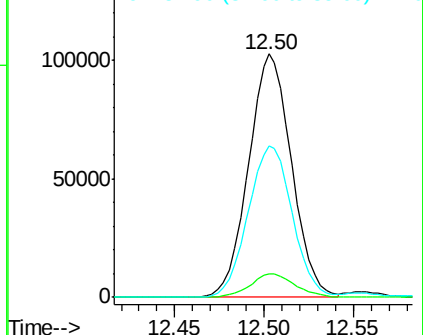
83 100

131 10.2 5.2 15.6

85 64.0 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VNC
Ion 130.80 (130.50 to 131.50): VNC
Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 25.23 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN049907.D

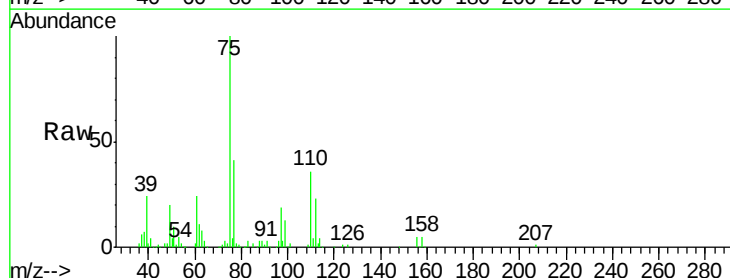
Acq: 19 Jul 2018 11:16

Tgt Ion: 75 Resp: 210282

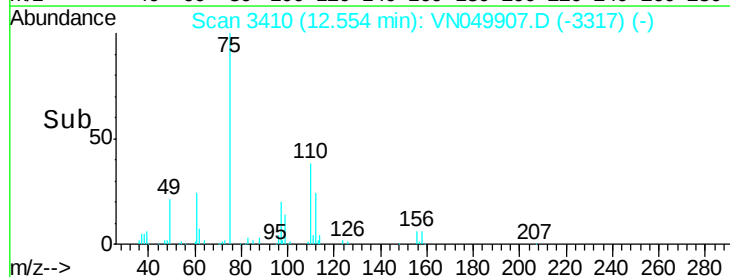
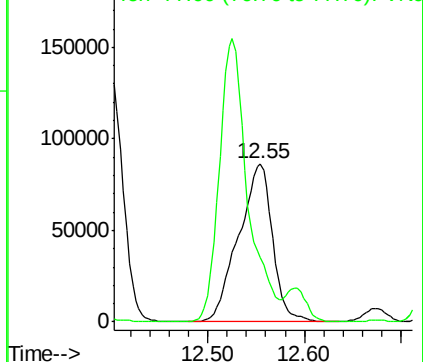
Ion Ratio Lower Upper

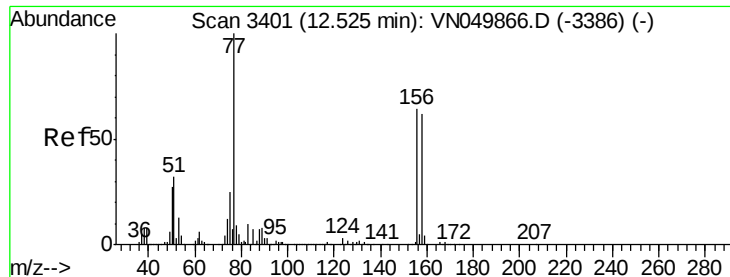
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 18.70 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

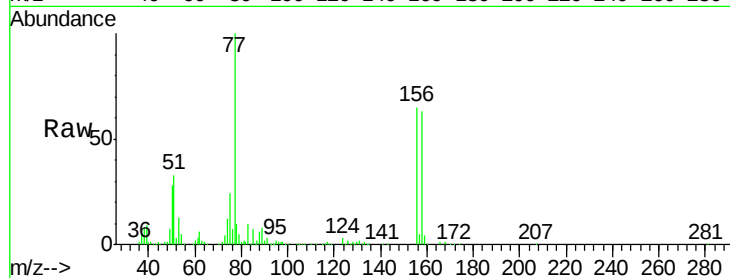
Tot Ion:156 Resp: 174301

Ion Ratio Lower Upper

156 100

77 180.9 90.2 270.6

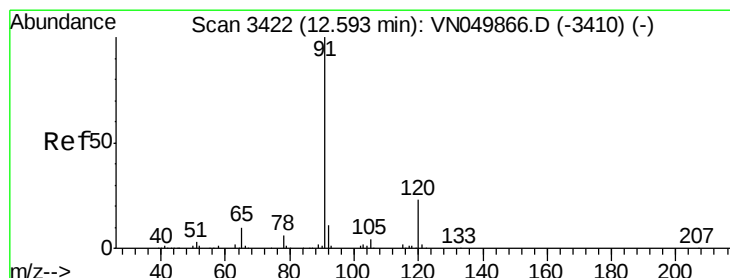
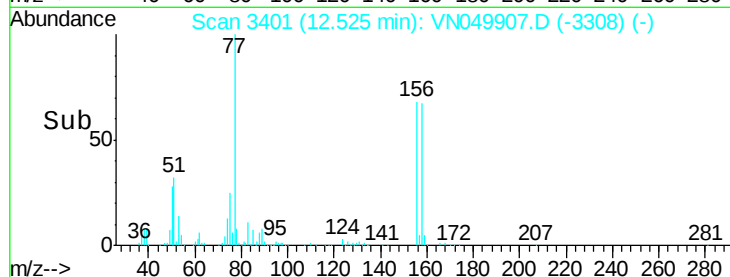
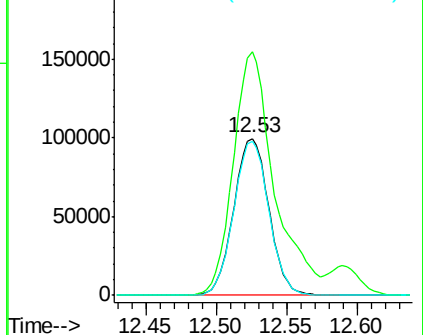
158 98.2 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.99 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN049907.D

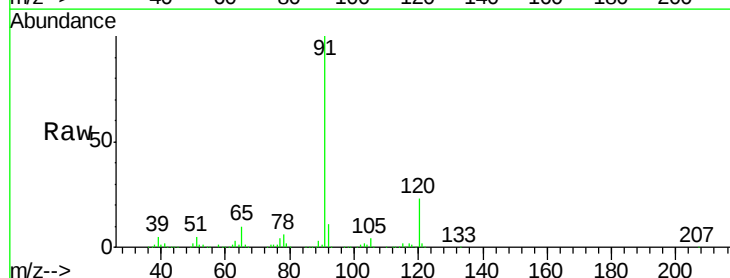
Acq: 19 Jul 2018 11:16

Tgt Ion: 91 Resp: 767164

Ion Ratio Lower Upper

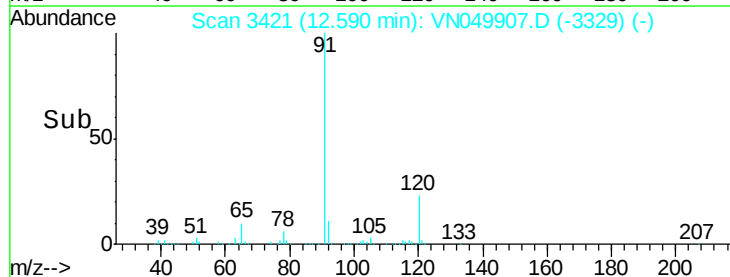
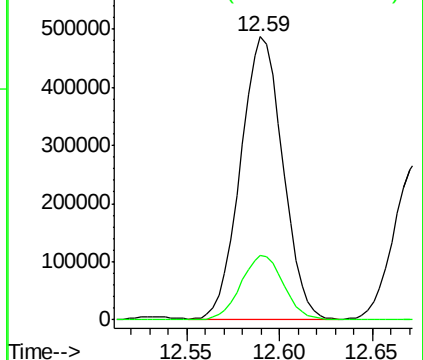
91 100

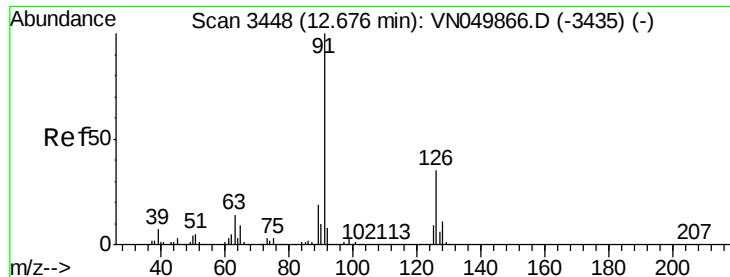
120 23.1 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.36 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampled :

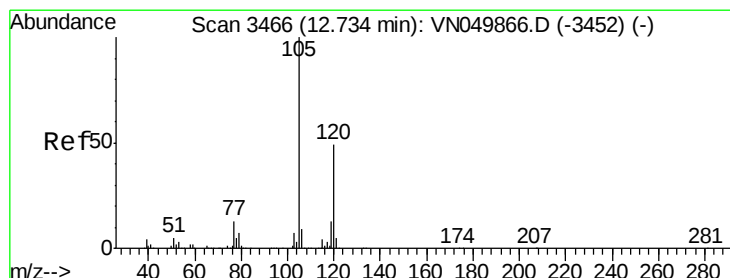
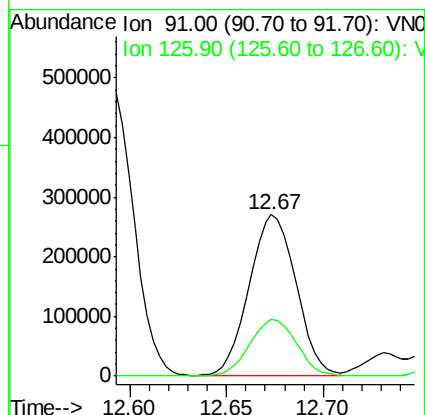
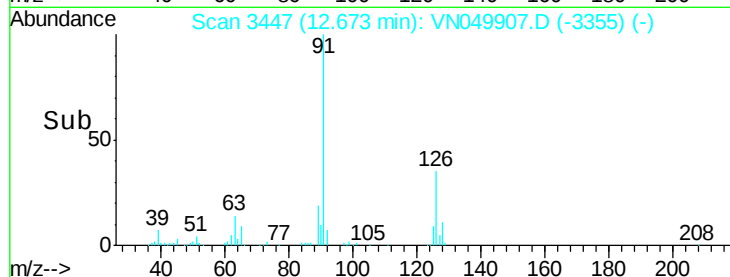
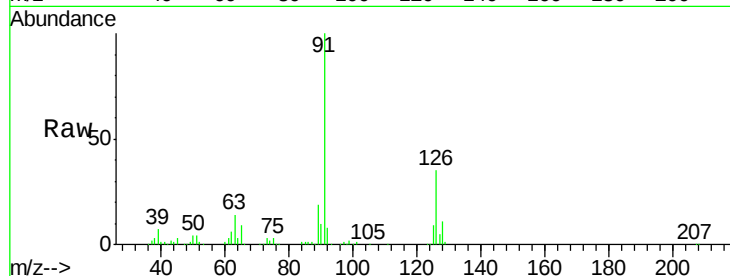
VN0719WBS01

Tot Ion: 91 Resp: 456217

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.05 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. -0.00 min

Lab File: VN049907.D

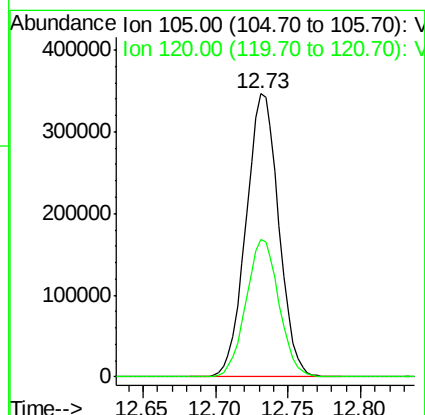
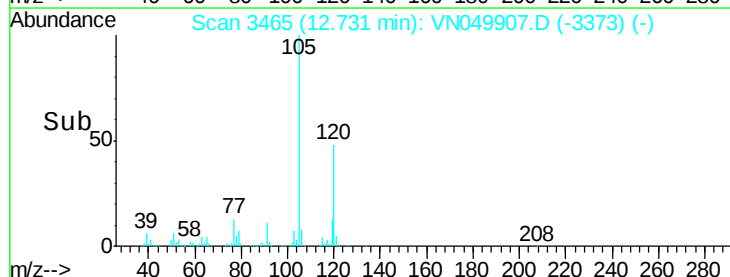
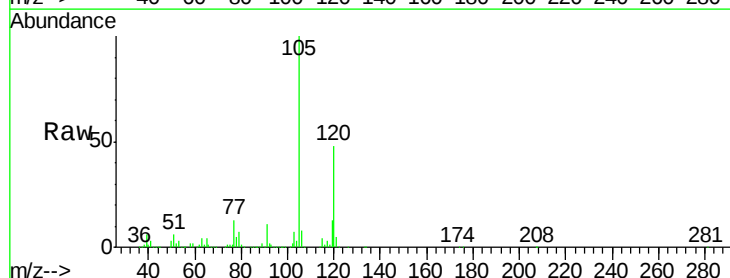
Acq: 19 Jul 2018 11:16

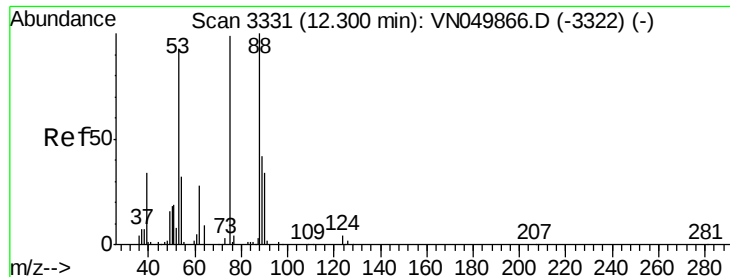
Tgt Ion: 105 Resp: 542469

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.19 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

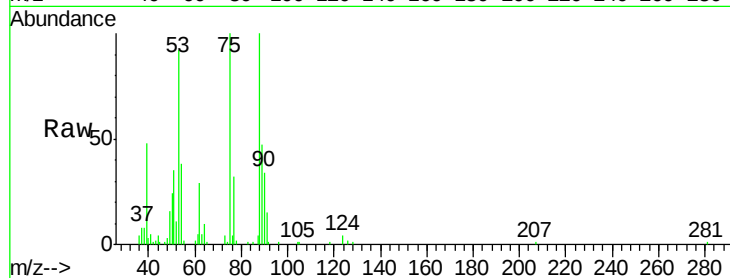
Tot Ion: 75 Resp: 45815

Ion Ratio Lower Upper

75 100

53 95.3 73.9 110.9

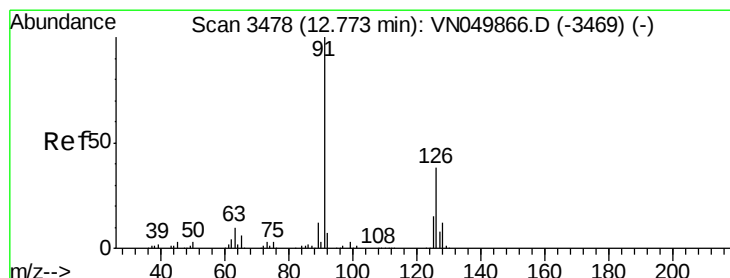
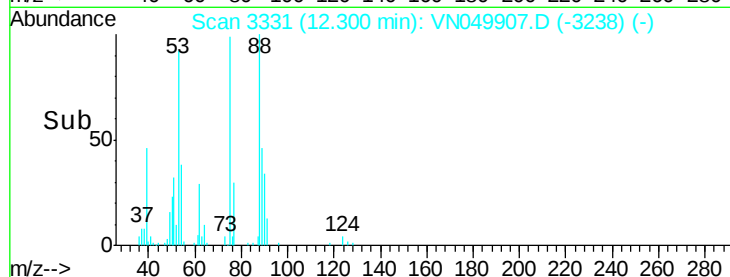
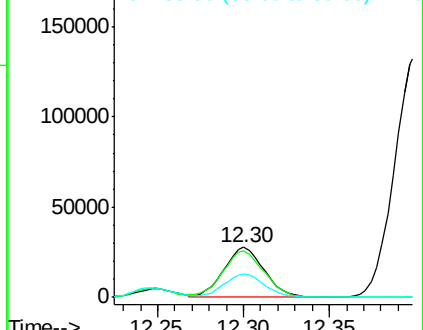
89 46.8 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.87 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN049907.D

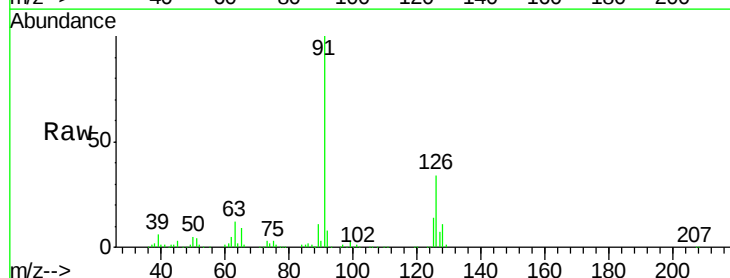
Acq: 19 Jul 2018 11:16

Tgt Ion: 91 Resp: 469744

Ion Ratio Lower Upper

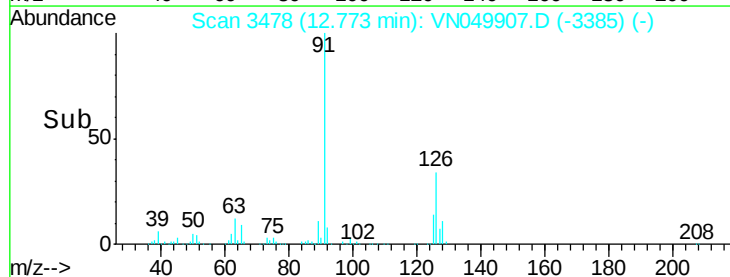
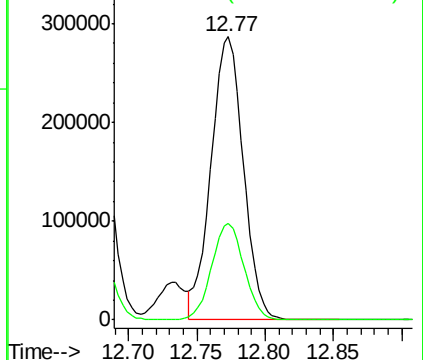
91 100

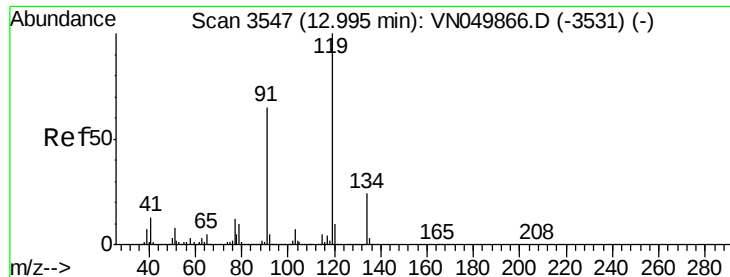
126 34.3 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

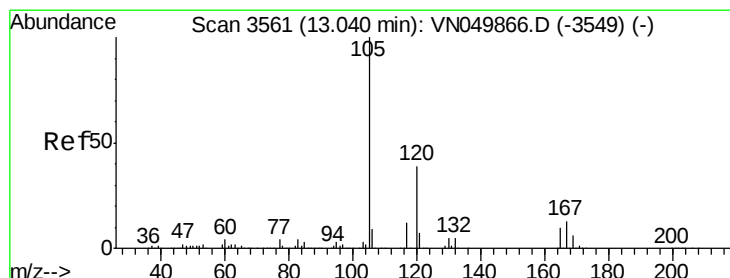
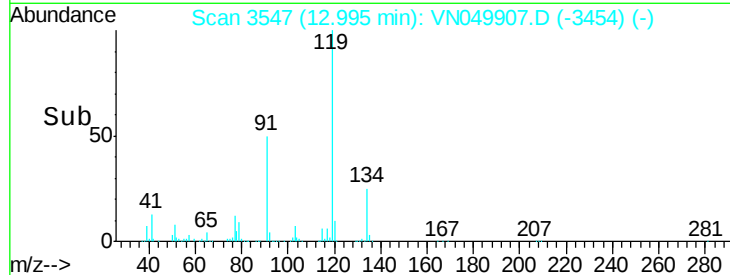
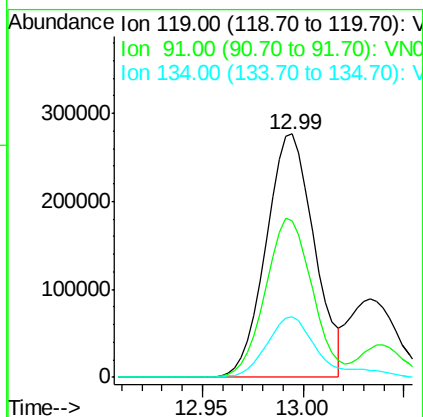
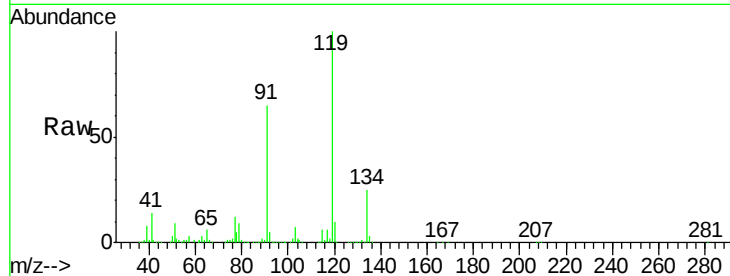




#83
 tert-Butylbenzene
 Concen: 19.33 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

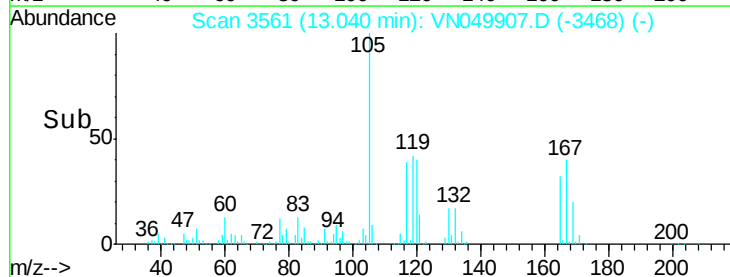
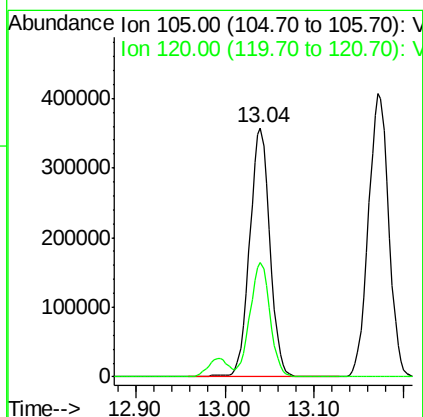
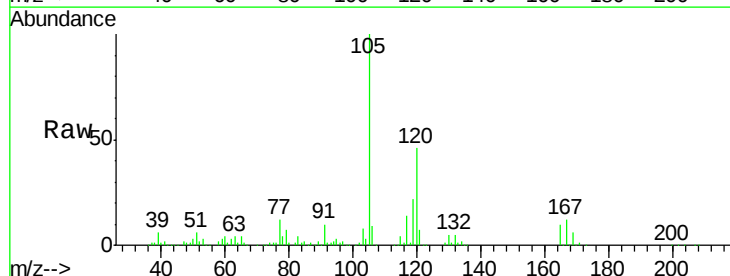
Instrument :
 MSVOA_N
 ClientSampled :
 VN0719WBS01

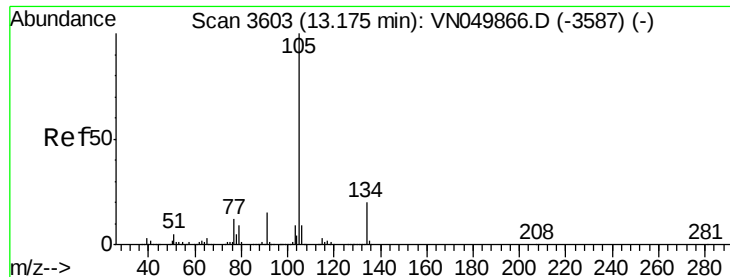
Tot Ion:119 Resp: 459137
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.0 96.2
 134 27.0 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.58 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Tgt Ion:105 Resp: 564110
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.36 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

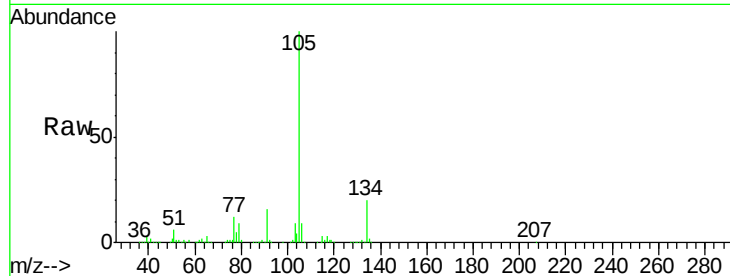
VN0719WBS01

Tot Ion:105 Resp: 639181

Ion Ratio Lower Upper

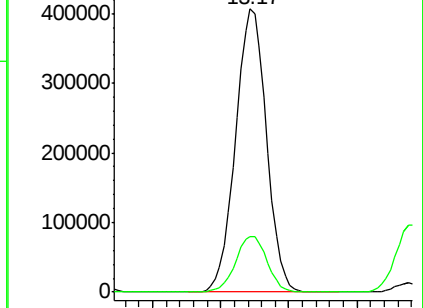
105 100

134 20.0 10.1 30.1

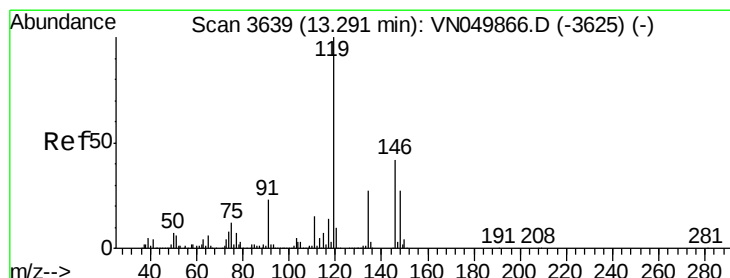
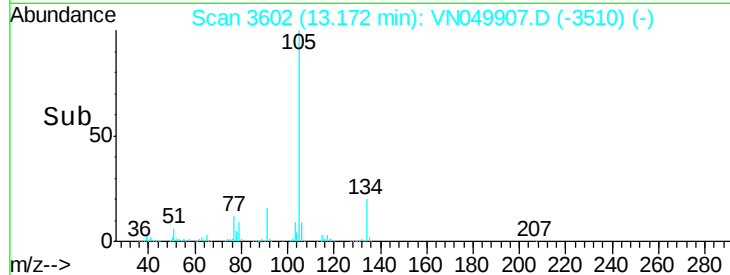


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 20.66 ug/l

RT: 13.29 min Scan# 3638

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

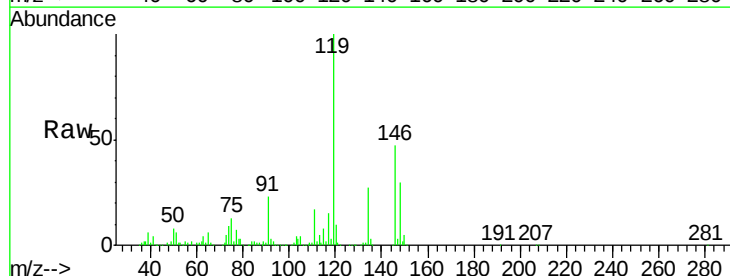
Tgt Ion:119 Resp: 552887

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

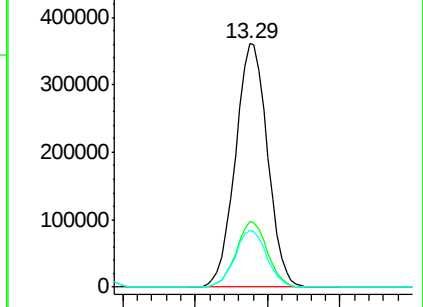
91 22.9 11.4 34.1



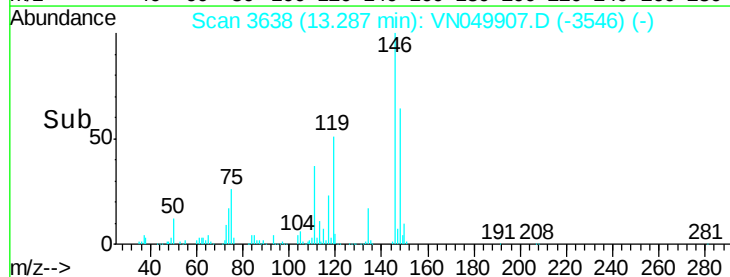
Abundance Ion 119.00 (118.70 to 119.70): V

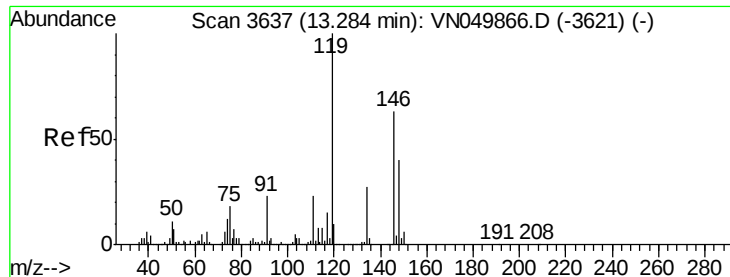
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 19.33 ug/l

RT: 13.28 min Scan# 3636

Delta R.T. -0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

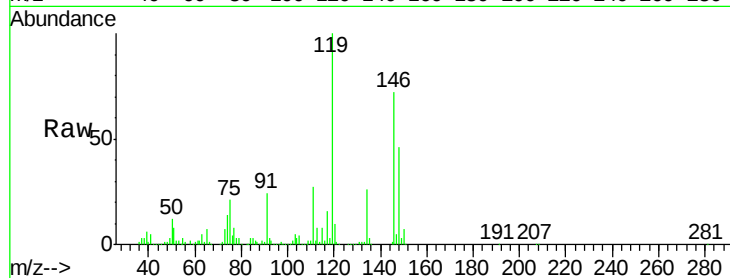
Tot Ion:146 Resp: 313902

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

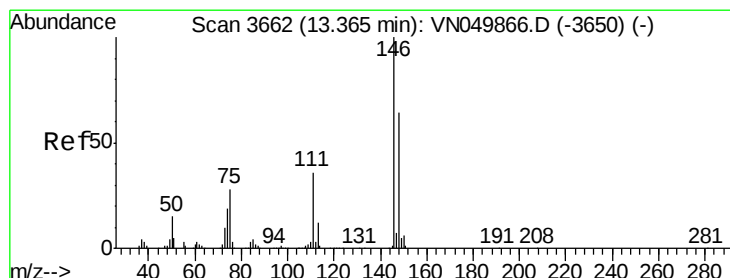
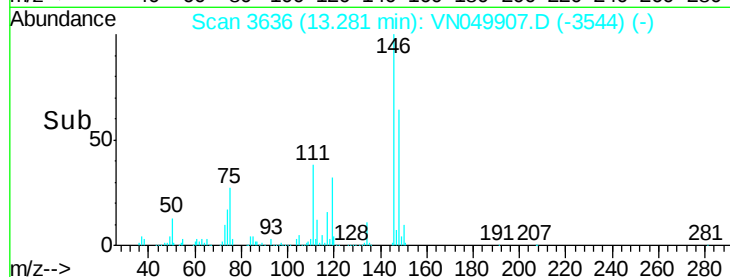
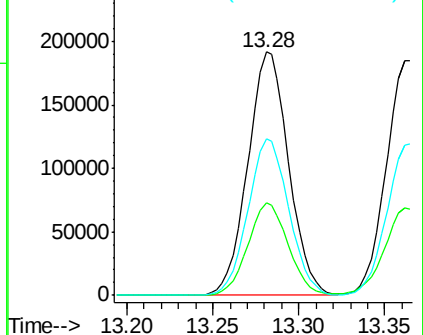
148 64.7 32.5 97.5



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: 19.08 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

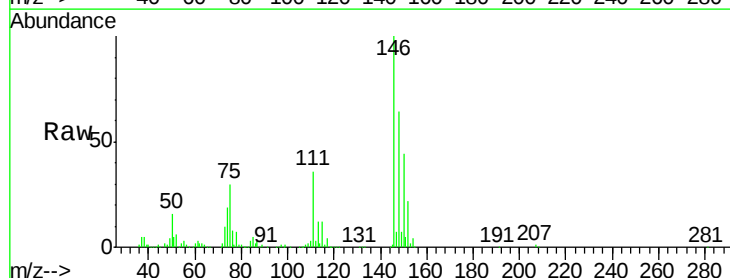
Tgt Ion:146 Resp: 310605

Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.5

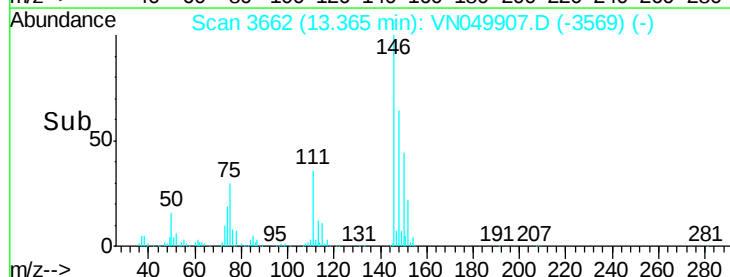
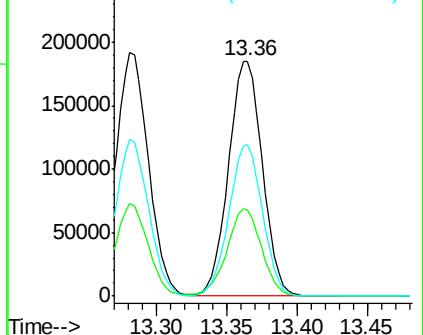
148 64.0 32.1 96.3

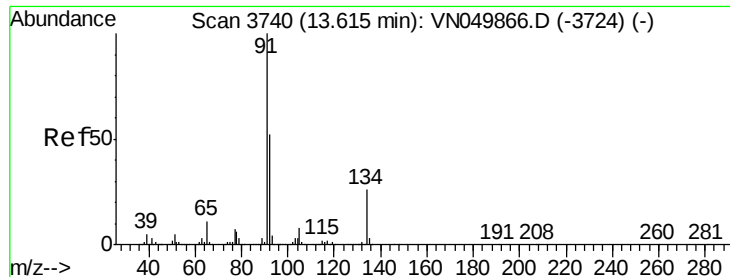


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.43 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

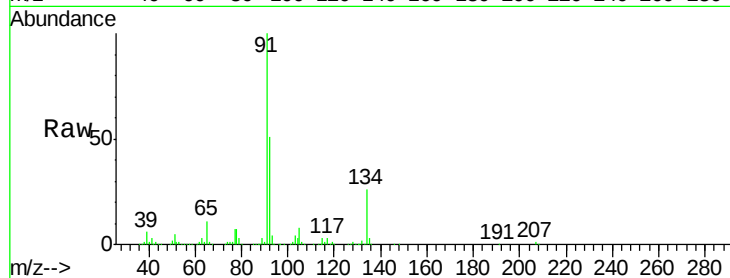
Tot Ion: 91 Resp: 451502

Ion Ratio Lower Upper

91 100

92 50.8 25.8 77.3

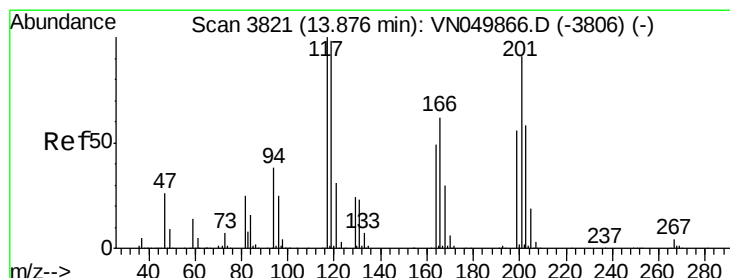
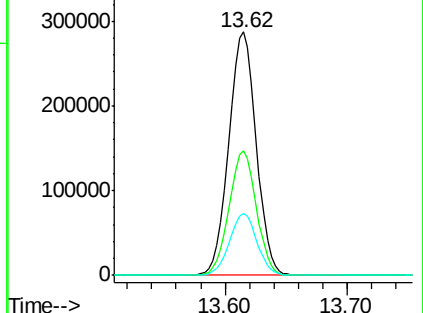
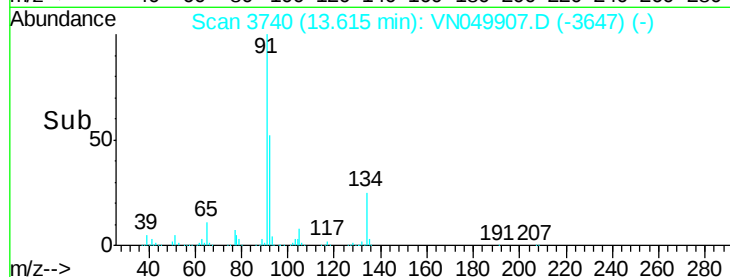
134 25.4 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN049907.D (-3647) (-)

Ion 92.00 (91.70 to 92.70): VN049907.D (-3647) (-)

Ion 134.00 (133.70 to 134.70): VN049907.D (-3647) (-)



#90

Hexachloroethane

Concen: 17.62 ug/l

RT: 13.87 min Scan# 3820

Delta R.T. -0.00 min

Lab File: VN049907.D

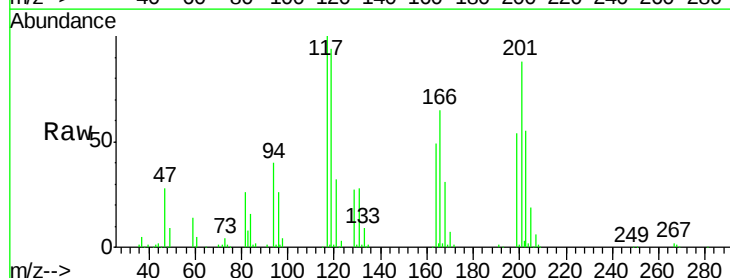
Acq: 19 Jul 2018 11:16

Tgt Ion: 117 Resp: 105824

Ion Ratio Lower Upper

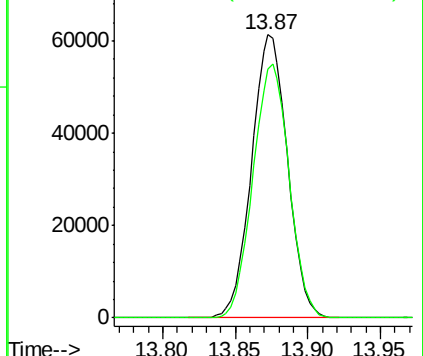
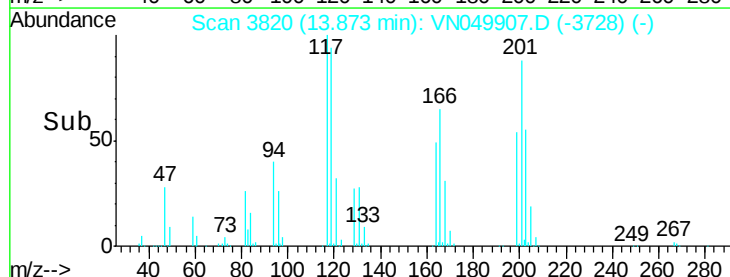
117 100

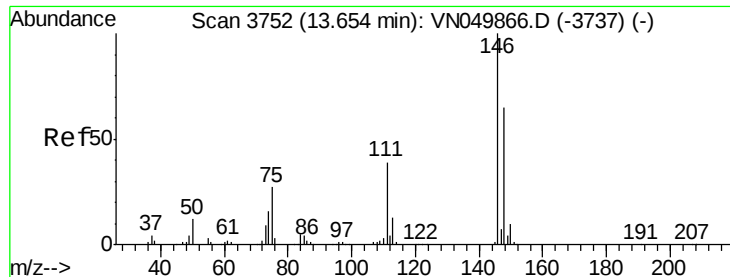
201 90.2 45.3 135.8



Abundance Ion 116.80 (116.50 to 117.50): VN049907.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN049907.D (-3728) (-)





#91

1,2-Dichlorobenzene

Concen: 18.95 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0719WBS01

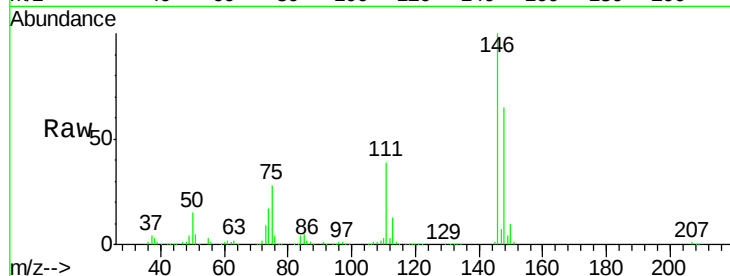
Tot Ion:146 Resp: 302637

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.1

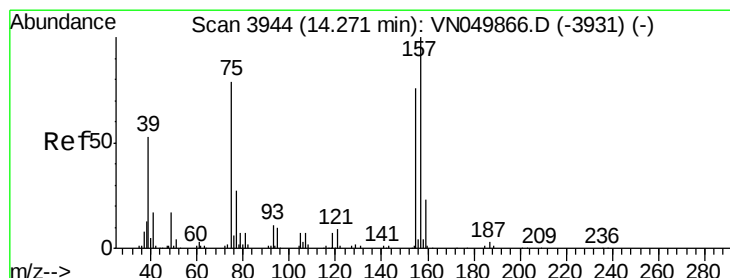
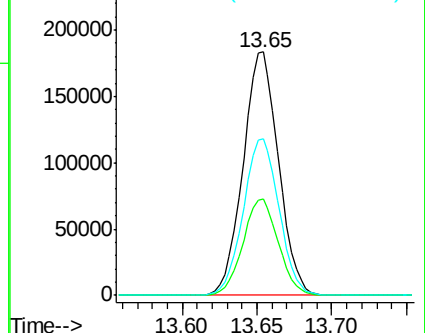
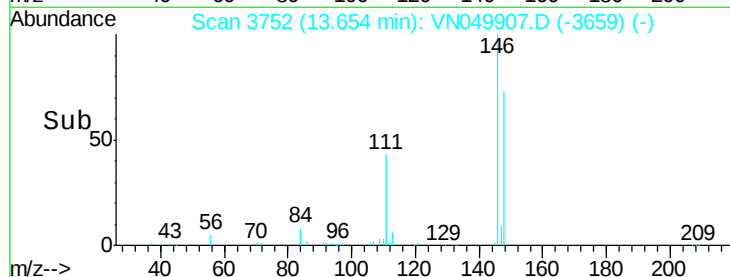
148 64.8 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.16 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049907.D

Acq: 19 Jul 2018 11:16

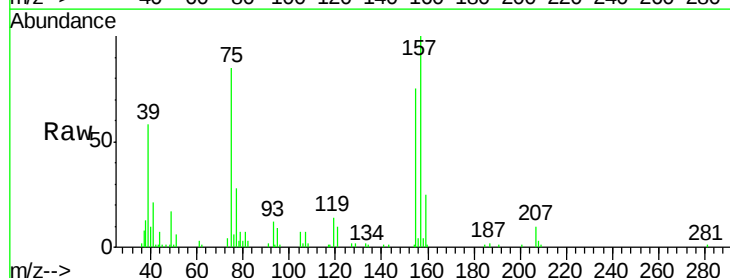
Tgt Ion: 75 Resp: 26816

Ion Ratio Lower Upper

75 100

155 86.8 45.7 137.1

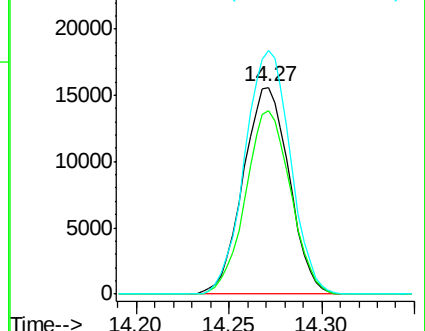
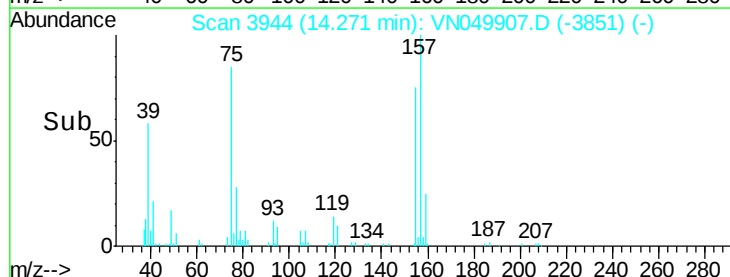
157 116.6 56.9 170.7

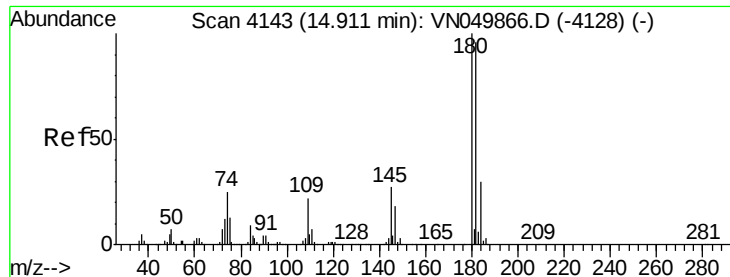


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

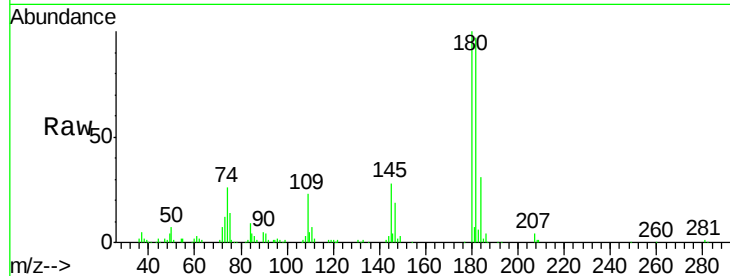




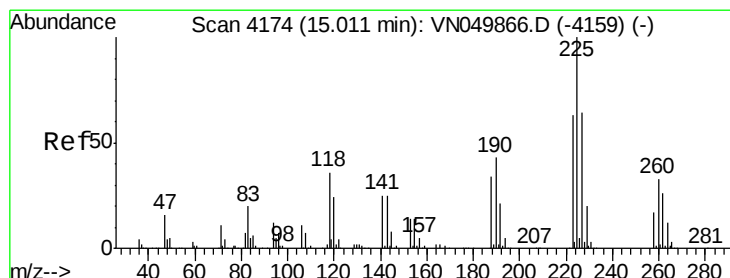
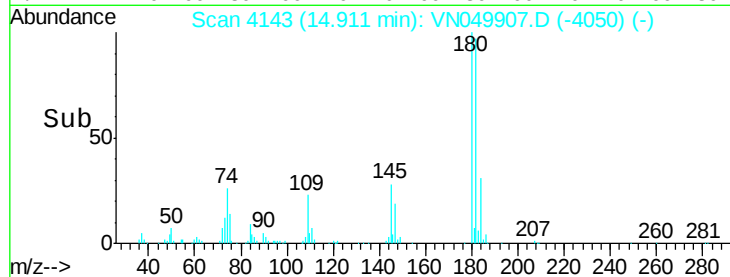
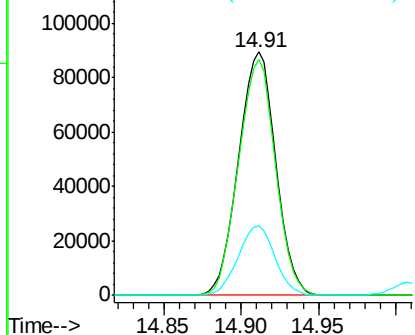
#93
 1,2,4-Trichlorobenzene
 Concen: 19.34 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0719WBS01

Tot Ion:180 Resp: 150084
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 141.9
 145 28.3 14.4 43.0

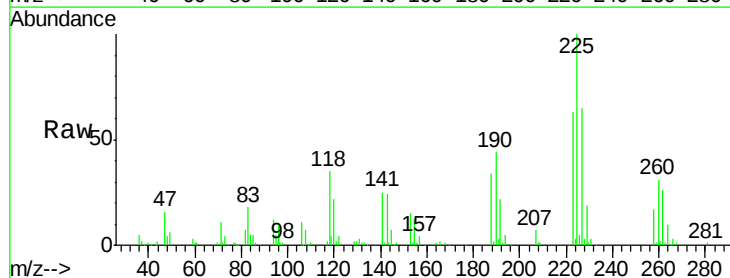


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

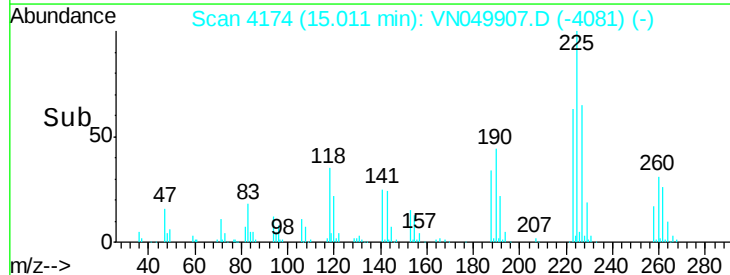
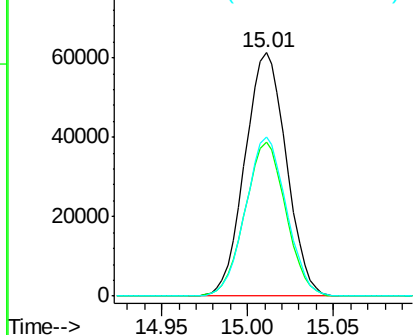


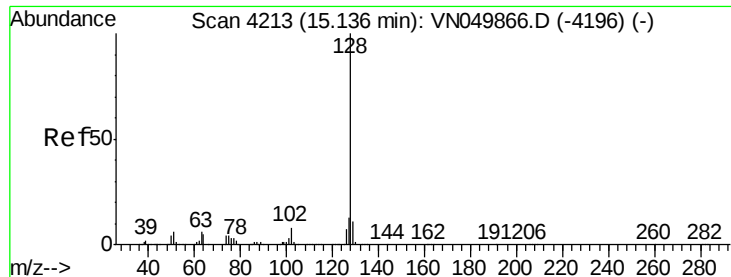
#94
 Hexachlorobutadiene
 Concen: 19.61 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN049907.D
 Acq: 19 Jul 2018 11:16

Tgt Ion:225 Resp: 102583
 Ion Ratio Lower Upper
 225 100
 223 62.4 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

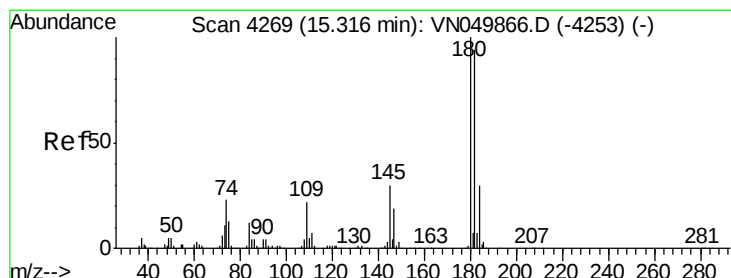
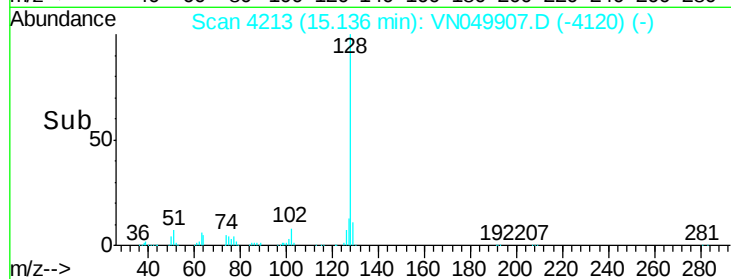
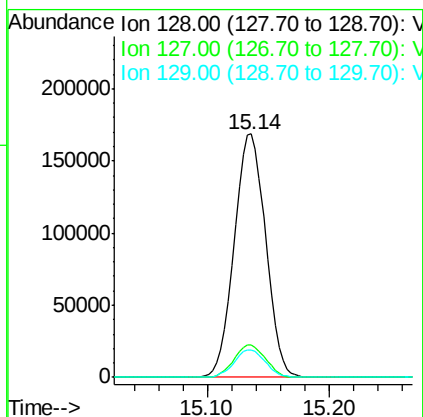
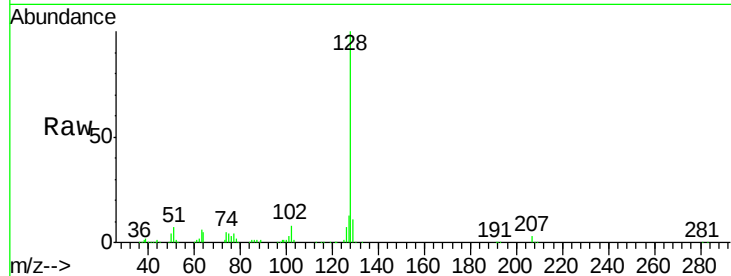




#95
Naphthalene
Concen: 17.52 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0719WBS01

Tot Ion:128 Resp: 301236
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.05 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN049907.D
Acq: 19 Jul 2018 11:16

Tgt Ion:180 Resp: 153616
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 29.9 15.2 45.6

