

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049530.D
 Acq On : 26 Jun 2018 00:03
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Jun 26 03:30:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1474294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2167643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1994122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1013785	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	956510	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
35) Dibromofluoromethane	7.59	113	858920	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
50) Toluene-d8	10.09	98	3276374	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.40	95	1103512	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	659891	38.89	ug/l	100
3) Chloromethane	2.06	50	854470	39.00	ug/l	97
4) Vinyl Chloride	2.18	62	961407	41.28	ug/l	99
5) Bromomethane	2.56	94	533100	43.55	ug/l	95
6) Chloroethane	2.70	64	607859	43.78	ug/l	100
7) Trichlorofluoromethane	3.02	101	1334294	45.93	ug/l	99
8) Diethyl Ether	3.41	74	469002	46.24	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	815990	44.28	ug/l	94
10) Methyl Iodide	3.95	142	1029327	53.66	ug/l	92
11) Tert butyl alcohol	4.80	59	253388	220.78	ug/l	99
12) 1,1-Dichloroethene	3.73	96	746572	44.16	ug/l	91
13) Acrolein	3.61	56	329183	273.51	ug/l	100
14) Allyl chloride	4.32	41	1213501	45.46	ug/l	90
15) Acrylonitrile	4.99	53	1375602	239.70	ug/l	98
16) Acetone	3.82	43	959996	202.20	ug/l	94
17) Carbon Disulfide	4.05	76	2138600	40.36	ug/l	99
18) Methyl Acetate	4.33	43	724915	50.08	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	2117049	49.12	ug/l	99
20) Methylene Chloride	4.55	84	895280	45.15	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	815410	45.56	ug/l	92
22) Diisopropyl ether	5.96	45	2652270	49.76	ug/l	95
23) Vinyl Acetate	5.90	43	8452894	243.27	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1577046	46.23	ug/l	99
25) 2-Butanone	6.84	43	1462285	229.37	ug/l	95
26) 2,2-Dichloropropane	6.83	77	1160376	42.12	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	941636	47.33	ug/l	91
28) Bromochloromethane	7.20	49	745526	49.29	ug/l	84
29) Tetrahydrofuran	7.22	42	992677	241.90	ug/l	94
30) Chloroform	7.37	83	1603510	47.23	ug/l	98
31) Cyclohexane	7.65	56	1339556	46.31	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	1383456	47.76	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1205084	48.51	ug/l	98
37) Ethyl Acetate	6.93	43	680664	50.40	ug/l	96
38) Carbon Tetrachloride	7.77	117	1224497	47.61	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049530.D
 Acq On : 26 Jun 2018 00:03
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Jun 26 03:30:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1238021	46.42	ug/l	96
40) Benzene	8.04	78	3641107	47.81	ug/l	99
41) Methacrylonitrile	7.17	41	319144	43.71	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	1135835	48.27	ug/l	96
43) Isopropyl Acetate	8.17	43	1280258	49.61	ug/l	95
44) Trichloroethene	8.84	130	987737	49.11	ug/l	91
45) 1,2-Dichloropropane	9.12	63	959970	48.14	ug/l	100
46) Dibromomethane	9.21	93	563987	48.77	ug/l	92
47) Bromodichloromethane	9.40	83	1245839	49.03	ug/l	97
48) Methyl methacrylate	9.20	41	638848	52.57	ug/l	89
49) 1,4-Dioxane	9.20	88	164832	982.80	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	3436795	254.12	ug/l	94
52) Toluene	10.16	92	2258400	50.52	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1192639	49.06	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1393387	48.54	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	799226	47.96	ug/l	98
56) Ethyl methacrylate	10.43	69	978760	50.91	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1356455	49.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1441642	212.05	ug/l	95
59) 2-Hexanone	10.75	43	2166810	248.51	ug/l	92
60) Dibromochloromethane	10.90	129	926729	49.82	ug/l	99
61) 1,2-Dibromoethane	11.01	107	770779	49.76	ug/l	100
64) Tetrachloroethene	10.63	164	1078090	52.76	ug/l	97
65) Chlorobenzene	11.44	112	2471801	48.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	936290	48.43	ug/l	98
67) Ethyl Benzene	11.51	91	4281689	50.25	ug/l	98
68) m/p-Xylenes	11.62	106	3280698	102.59	ug/l	97
69) o-Xylene	11.95	106	1577658	51.22	ug/l	96
70) Styrene	11.97	104	2534987	52.17	ug/l	98
71) Bromoform	12.13	173	615085	49.15	ug/l #	99
73) Isopropylbenzene	12.25	105	4232458	47.55	ug/l	98
74) N-amyl acetate	12.07	43	1037878	47.60	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	893761	48.75	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1150397	66.51	ug/l #	100
77) Bromobenzene	12.53	156	1057555	44.98	ug/l	90
78) n-propylbenzene	12.59	91	4796233	49.07	ug/l	99
79) 2-Chlorotoluene	12.68	91	2873639	46.40	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3451316	49.33	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	241621	44.15	ug/l	93
82) 4-Chlorotoluene	12.77	91	2844733	47.62	ug/l	96
83) tert-Butylbenzene	12.99	119	2916991	47.06	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3502519	50.39	ug/l	99
85) sec-Butylbenzene	13.17	105	3895594	47.22	ug/l	98
86) p-Isopropyltoluene	13.29	119	3364563	48.81	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	1837447	47.50	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1769642	46.16	ug/l	99
89) n-Butylbenzene	13.62	91	2614983	48.57	ug/l	98
90) Hexachloroethane	13.88	117	654092	50.15	ug/l	87
91) 1,2-Dichlorobenzene	13.66	146	1789746	47.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	134297	43.34	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
Data File : VN049530.D
Acq On : 26 Jun 2018 00:03
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BFB

Quant Time: Jun 26 03:30:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

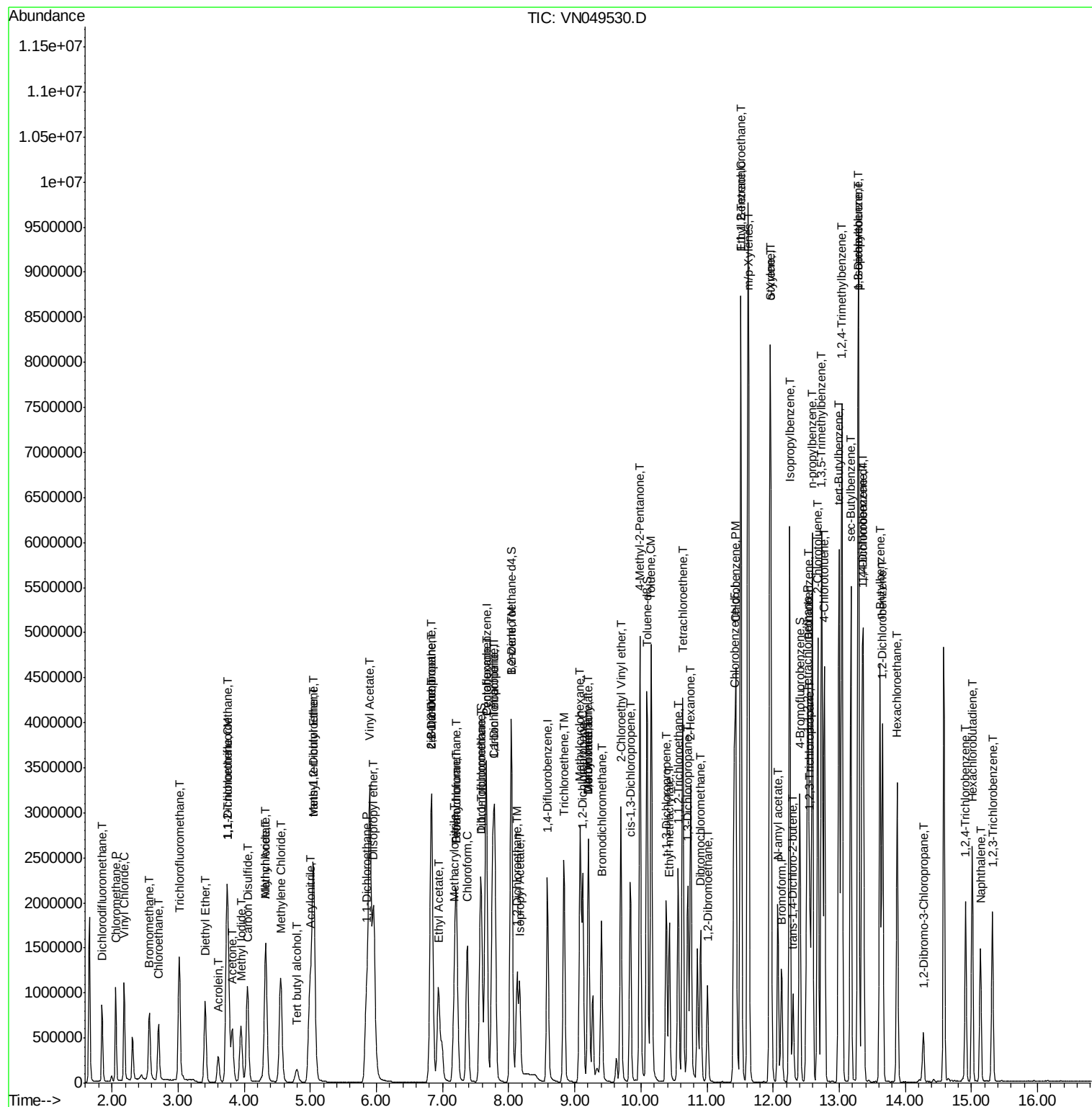
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	684029	40.35	ug/l	99
94) Hexachlorobutadiene	15.01	225	545646	49.13	ug/l	99
95) Naphthalene	15.14	128	1299827	43.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	695367	41.54	ug/l	99

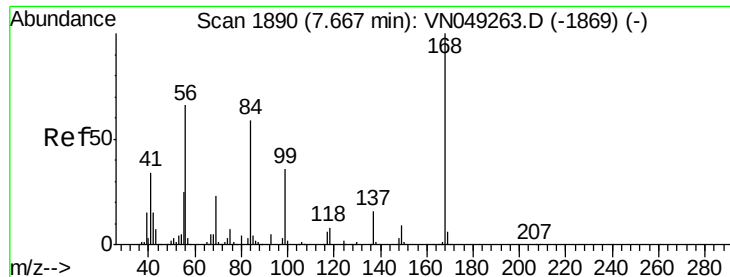
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049530.D
 Acq On : 26 Jun 2018 00:03
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Jun 26 03:30:16 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

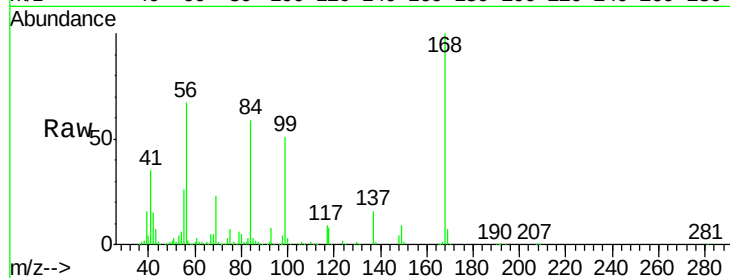
BFB

Tot Ion:168 Resp: 1474294

Ion Ratio Lower Upper

168 100

99 50.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

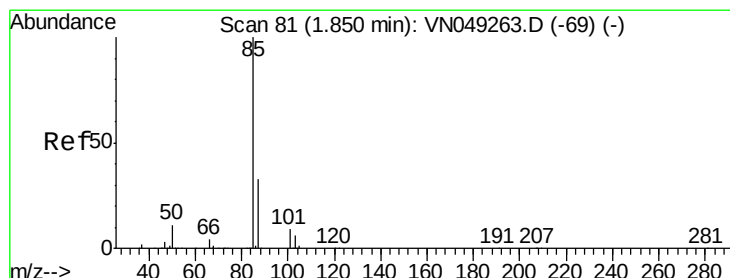
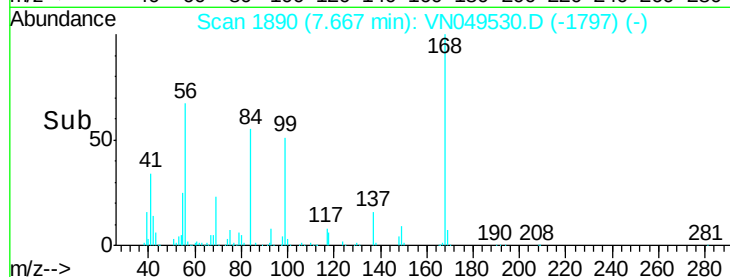
400000

200000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 38.89 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049530.D

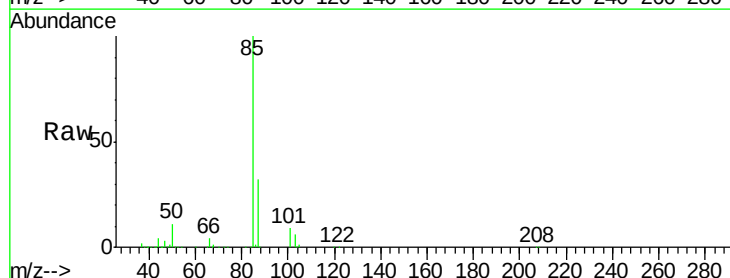
Acq: 26 Jun 2018 00:03

Tgt Ion: 85 Resp: 659891

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

500000

400000

300000

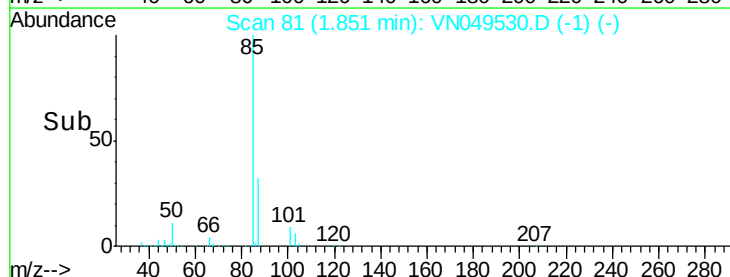
200000

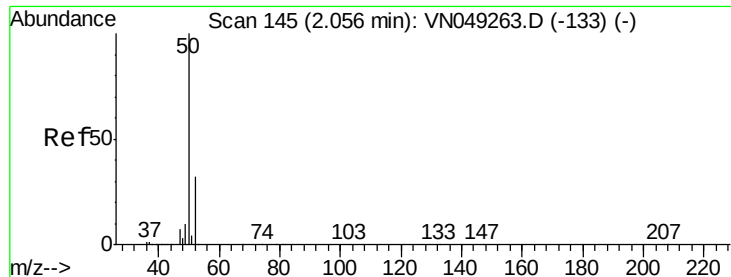
100000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 39.00 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

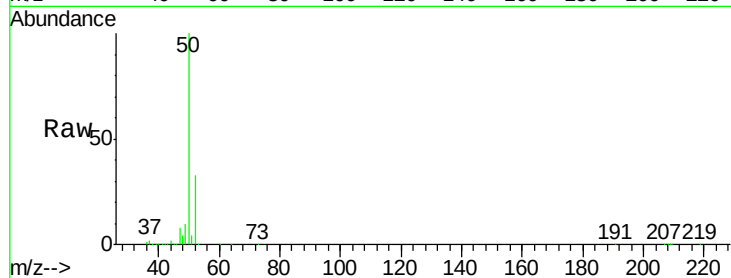
BFB

Tot Ion: 50 Resp: 854470

Ion Ratio Lower Upper

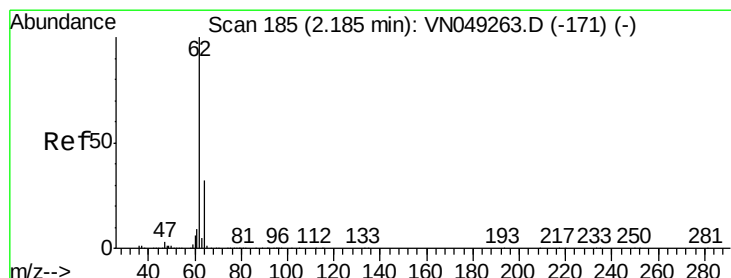
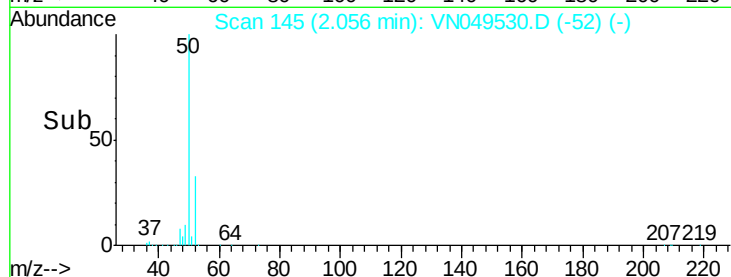
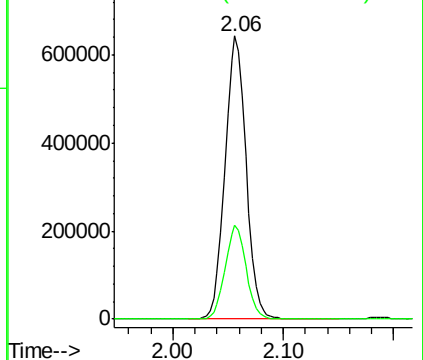
50 100

52 33.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 41.28 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049530.D

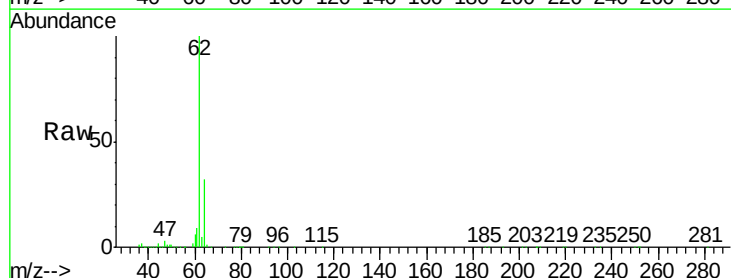
Acq: 26 Jun 2018 00:03

Tgt Ion: 62 Resp: 961407

Ion Ratio Lower Upper

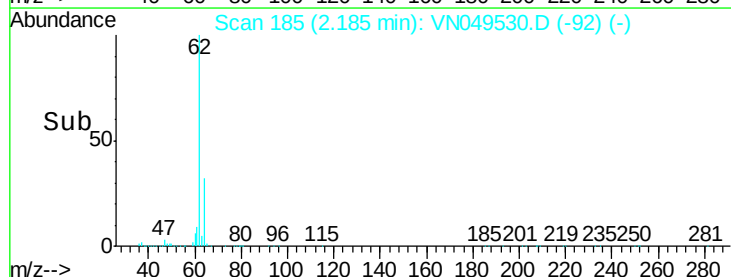
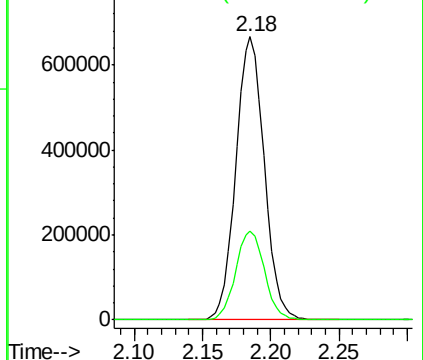
62 100

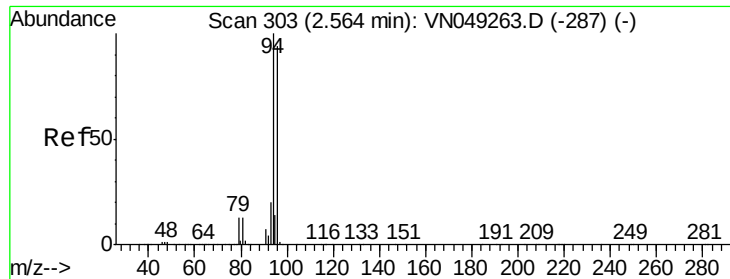
64 31.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 43.55 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

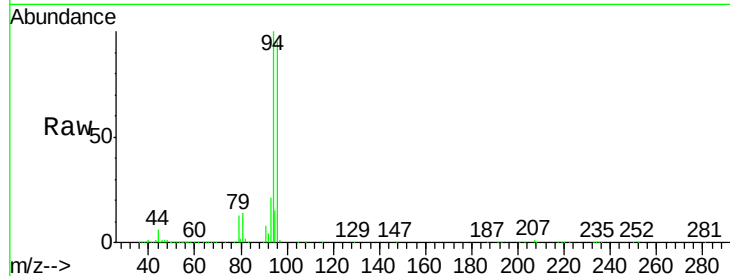
BFB

Tot Ion: 94 Resp: 533100

Ion Ratio Lower Upper

94 100

96 95.4 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

250000

200000

150000

100000

50000

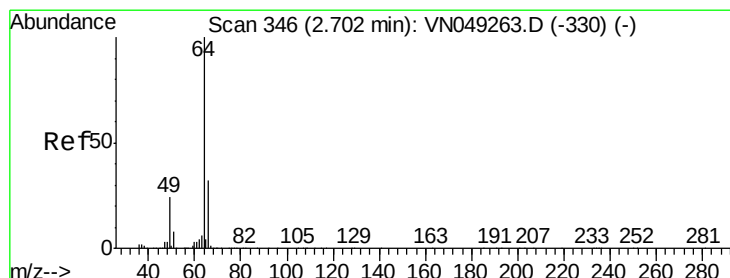
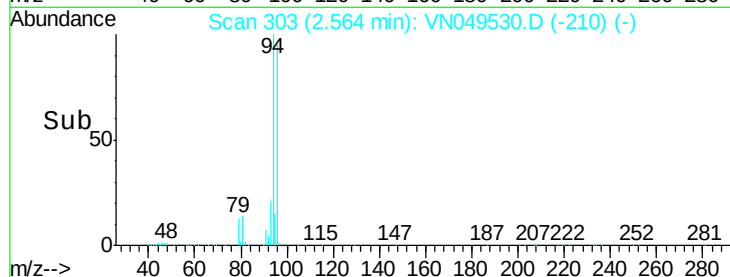
0

Time-->

2.50

2.60

2.70



#6

Chloroethane

Concen: 43.78 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049530.D

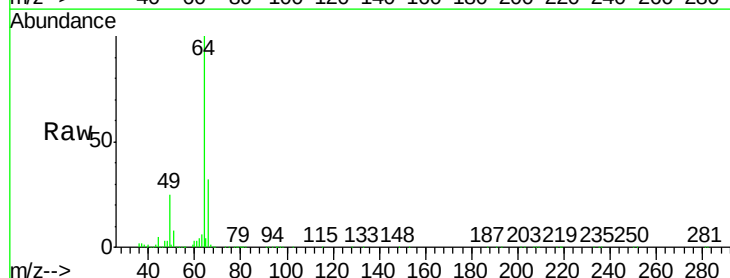
Acq: 26 Jun 2018 00:03

Tgt Ion: 64 Resp: 607859

Ion Ratio Lower Upper

64 100

66 31.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

300000

200000

100000

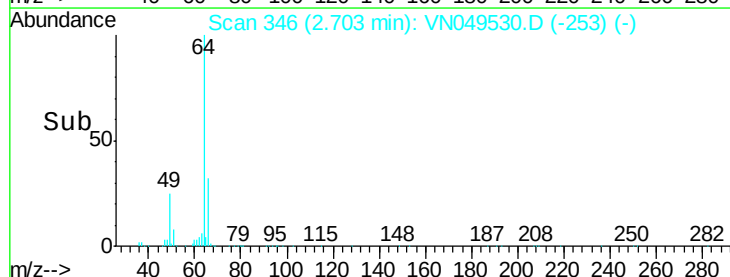
0

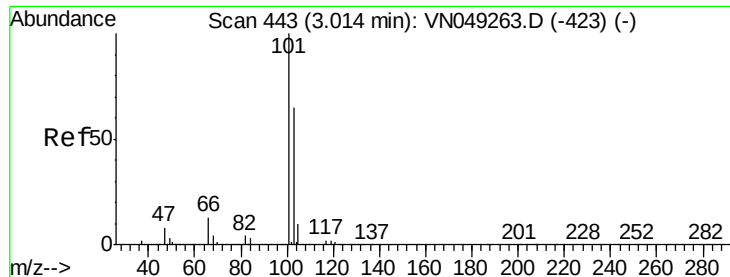
Time-->

2.60

2.70

2.80



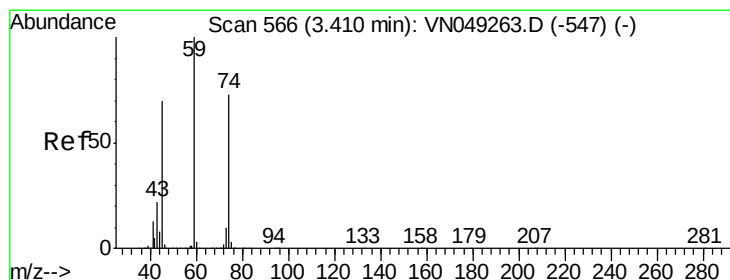
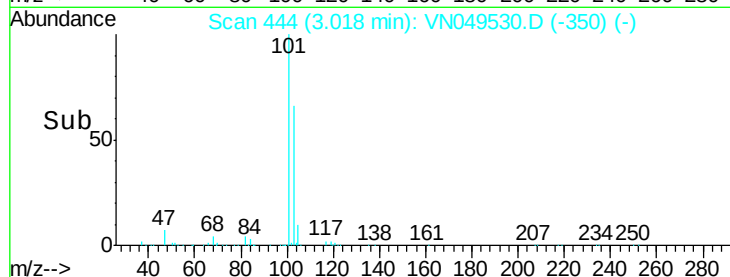
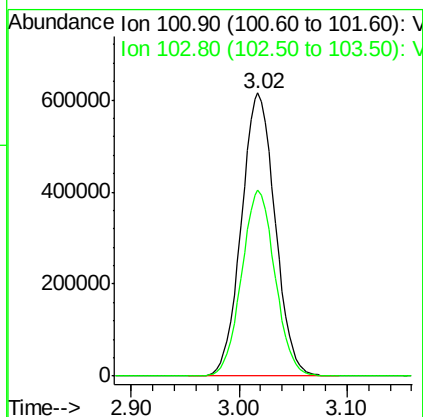
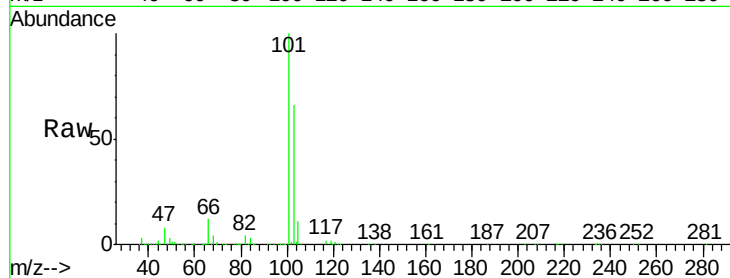


#7

Trichlorofluoromethane
Concen: 45.93 ug/l
RT: 3.02 min Scan# 444
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

Instrument :
MSVOA_N
ClientSampled :
BFB

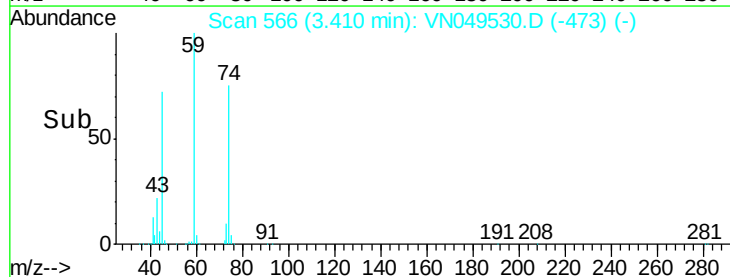
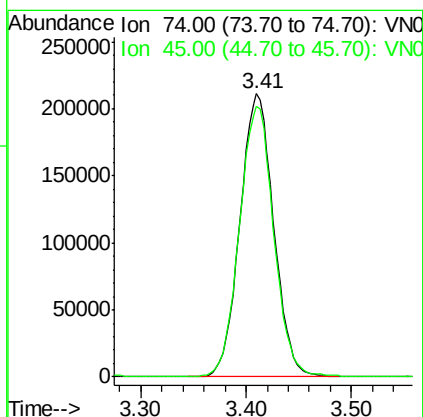
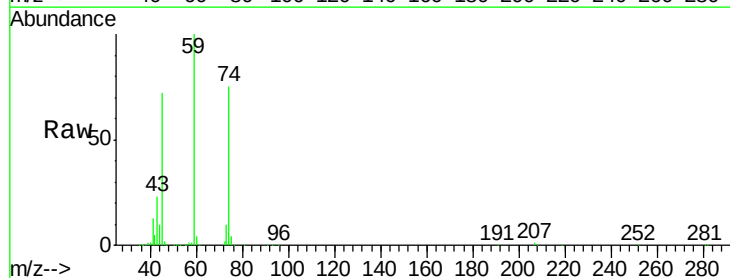
Tot Ion:101 Resp: 1334294
Ion Ratio Lower Upper
101 100
103 65.7 51.7 77.5

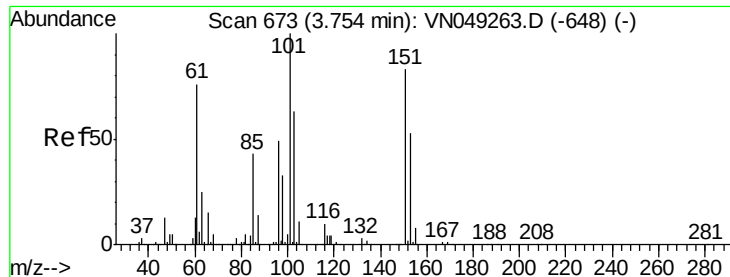


#8

Diethyl Ether
Concen: 46.24 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

Tgt Ion: 74 Resp: 469002
Ion Ratio Lower Upper
74 100
45 96.7 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.28 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

BFB

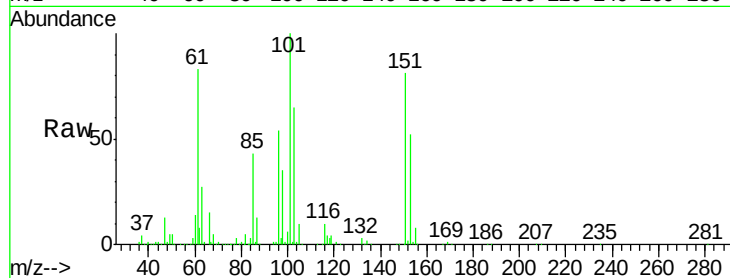
Tot Ion:101 Resp: 815990

Ion Ratio Lower Upper

101 100

85 42.0 37.6 56.4

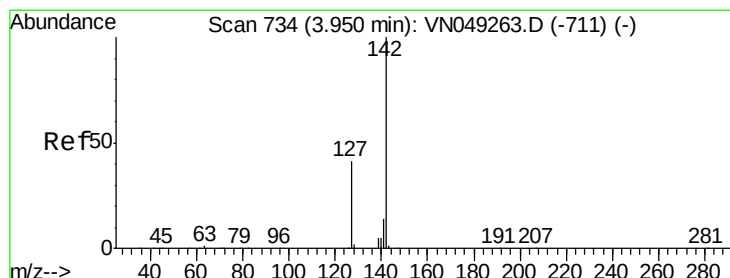
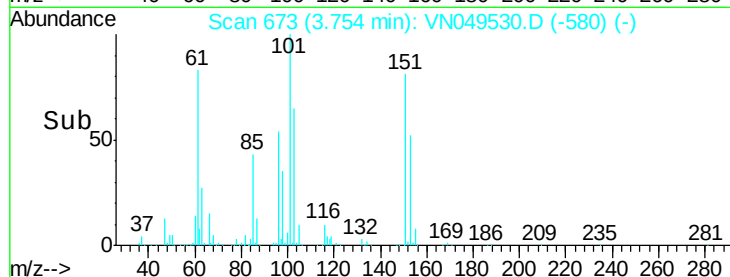
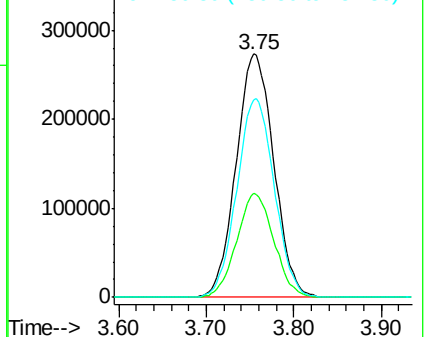
151 81.4 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.66 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

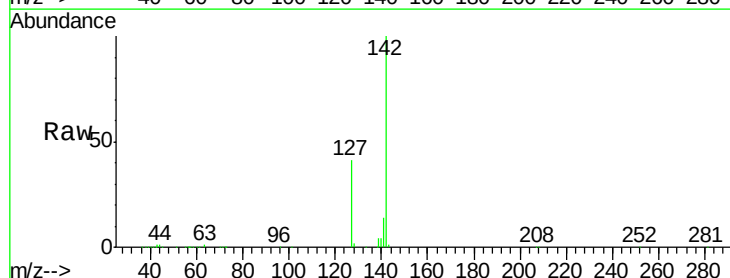
Tgt Ion:142 Resp: 1029327

Ion Ratio Lower Upper

142 100

127 41.4 38.2 57.4

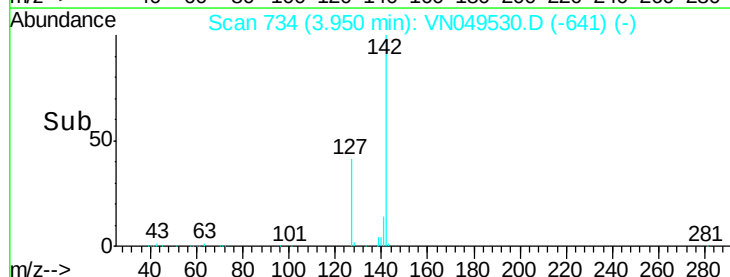
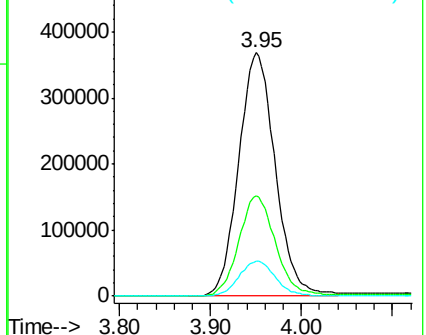
141 14.4 11.9 17.9

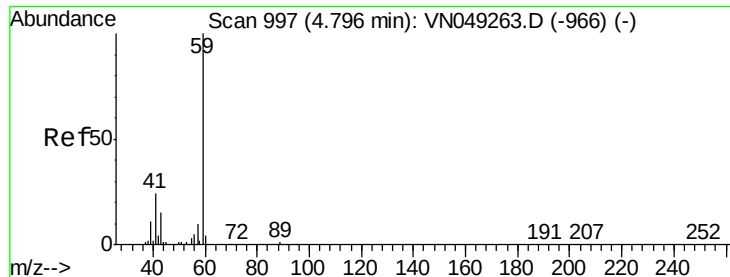


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



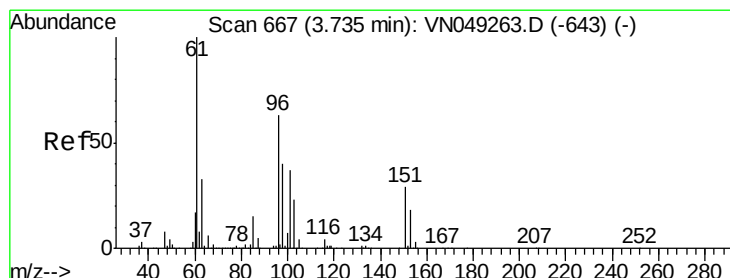
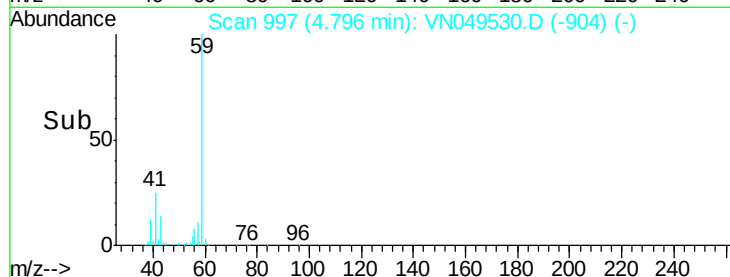
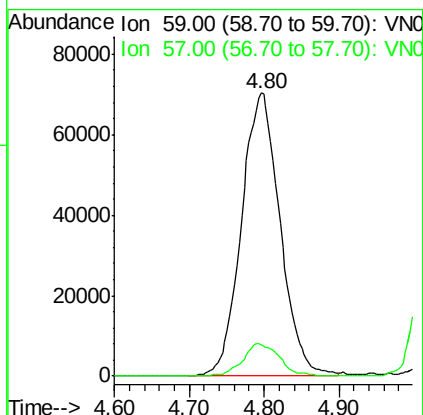
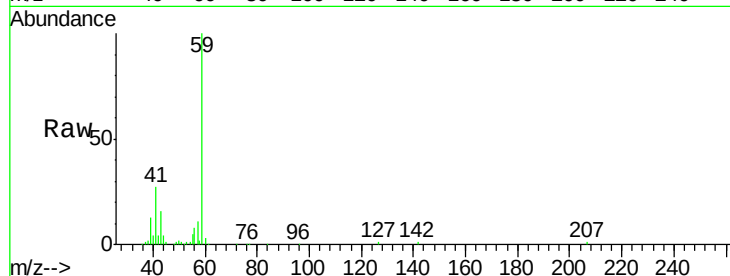


#11

Tert butyl alcohol
 Concen: 220.78 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

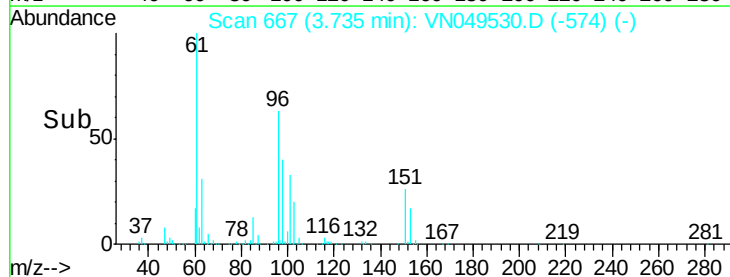
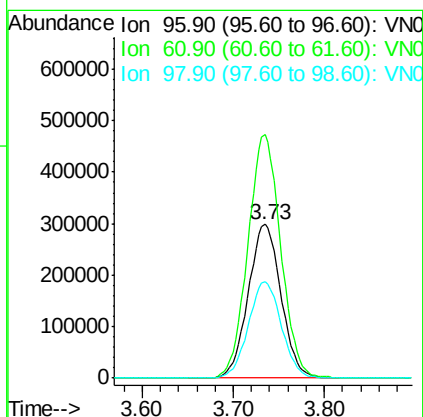
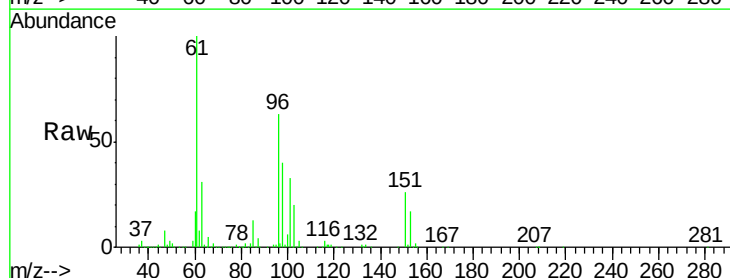
Tot Ion: 59 Resp: 253388
 Ion Ratio Lower Upper
 59 100
 57 10.9 9.0 13.6

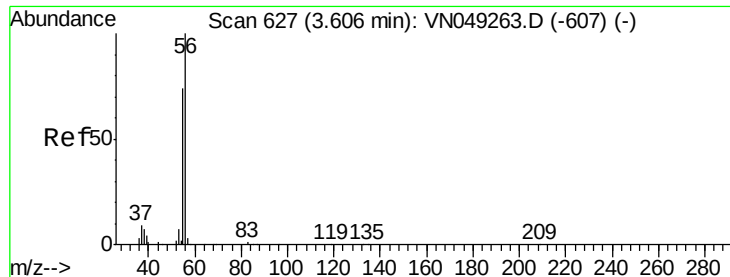


#12

1,1-Dichloroethene
 Concen: 44.16 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

Tgt Ion: 96 Resp: 746572
 Ion Ratio Lower Upper
 96 100
 61 158.6 141.0 211.4
 98 63.1 50.4 75.6





#13

Acrolein

Concen: 273.51 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

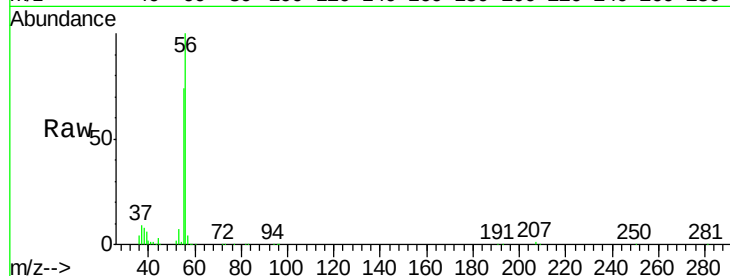
BFB

Tot Ion: 56 Resp: 329183

Ion Ratio Lower Upper

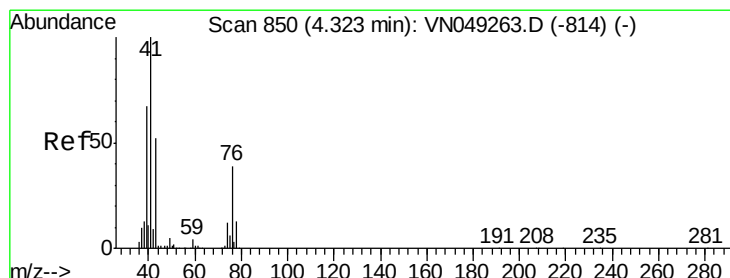
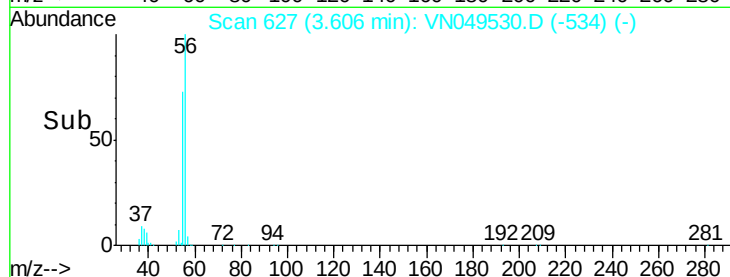
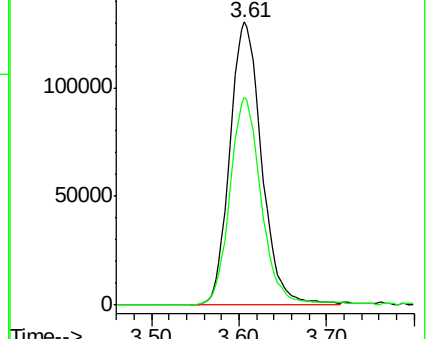
56 100

55 71.7 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN049530.D (-534) (-)

Ion 55.00 (54.70 to 55.70): VN049530.D (-534) (-)



#14

Allyl chloride

Concen: 45.46 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

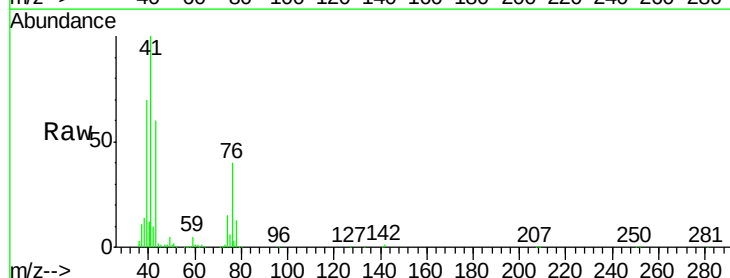
Tgt Ion: 41 Resp: 1213501

Ion Ratio Lower Upper

41 100

39 67.3 62.5 93.7

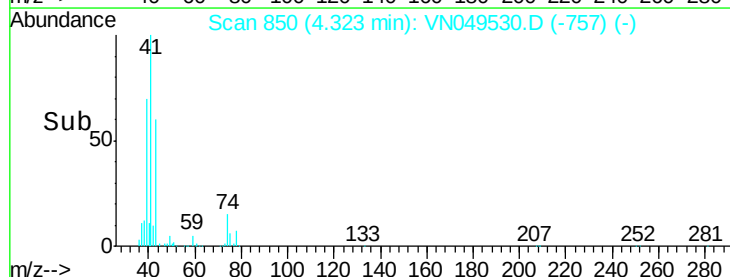
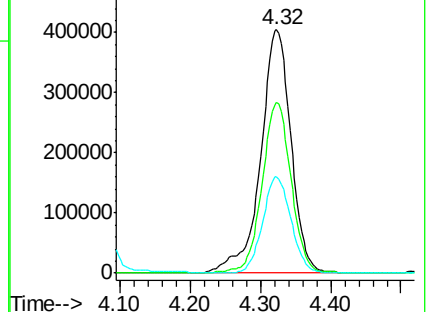
76 36.5 27.1 40.7

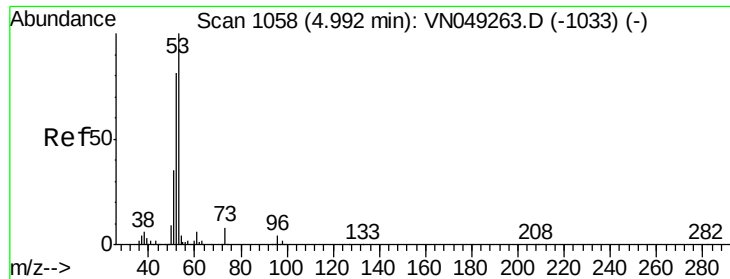


Abundance Ion 41.00 (40.70 to 41.70): VN049530.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN049530.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN049530.D (-757) (-)



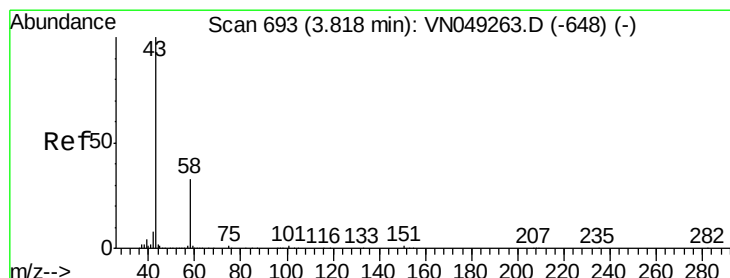
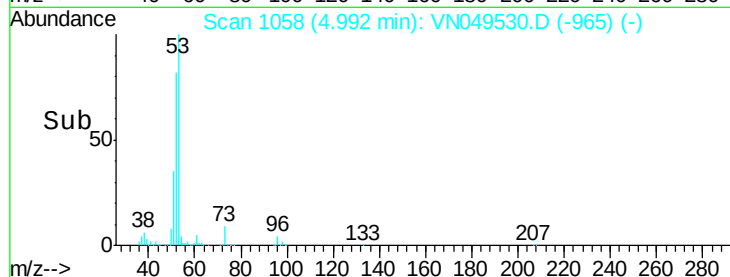
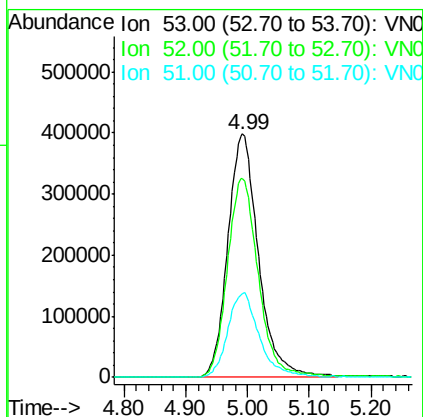
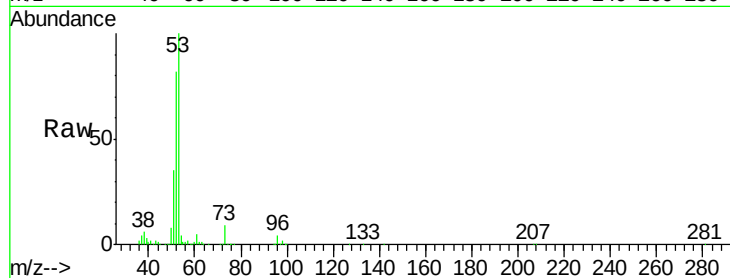


#15
 Acrylonitrile
 Concen: 239.70 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tot Ion: 53 Resp: 1375602

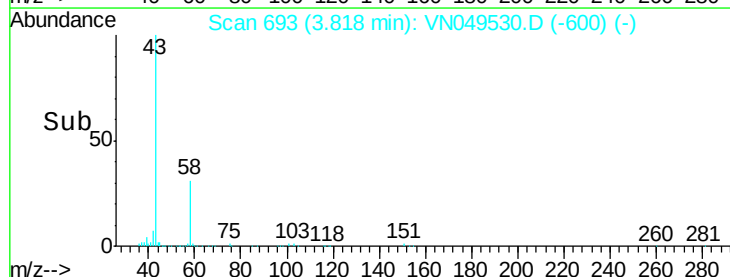
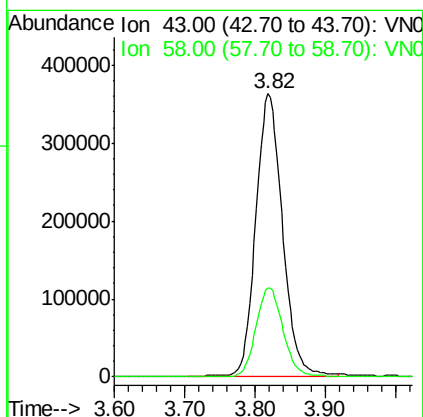
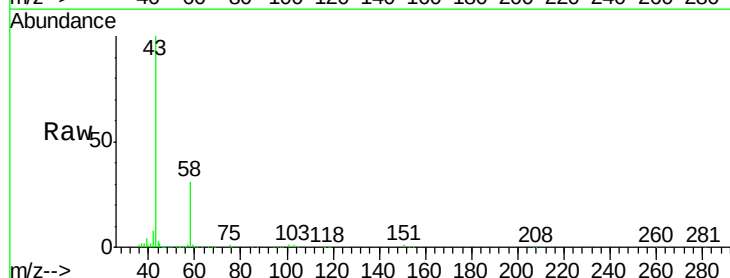
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.6	100.0
51	35.8	29.8	44.8

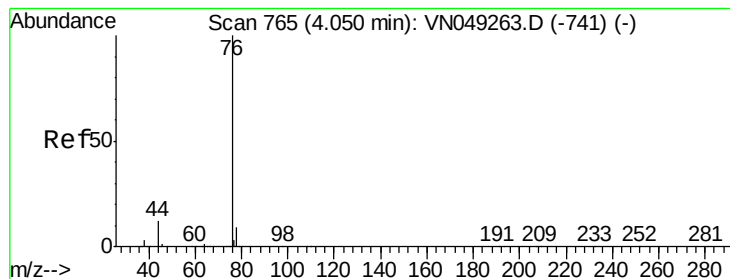


#16
 Acetone
 Concen: 202.20 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

Tgt Ion: 43 Resp: 959996

Ion	Ratio	Lower	Upper
43	100		
58	31.3	22.4	33.6





#17

Carbon Disulfide

Concen: 40.36 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

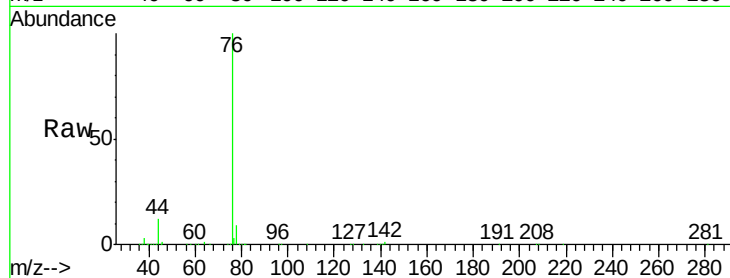
BFB

Tot Ion: 76 Resp: 2138600

Ion Ratio Lower Upper

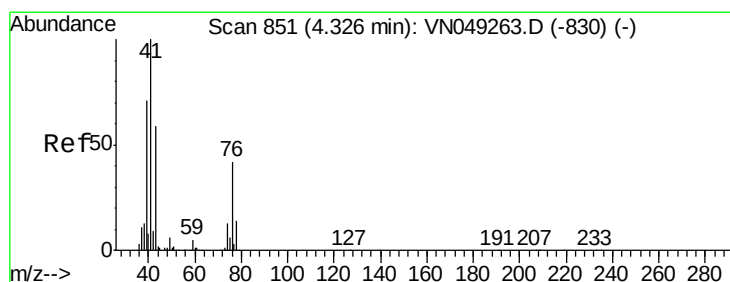
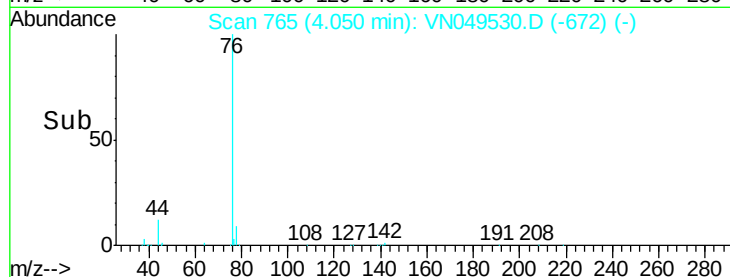
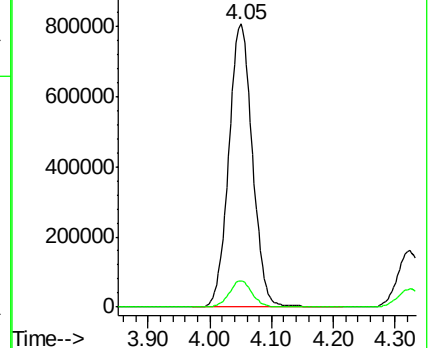
76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 50.08 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049530.D

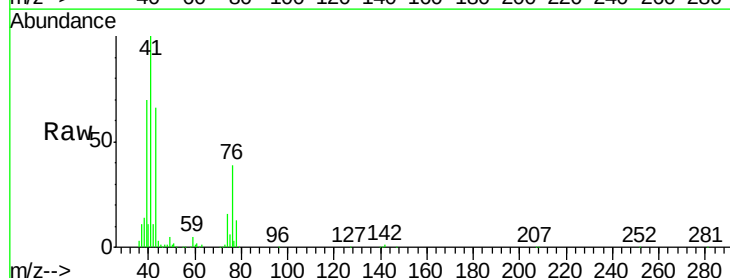
Acq: 26 Jun 2018 00:03

Tgt Ion: 43 Resp: 724915

Ion Ratio Lower Upper

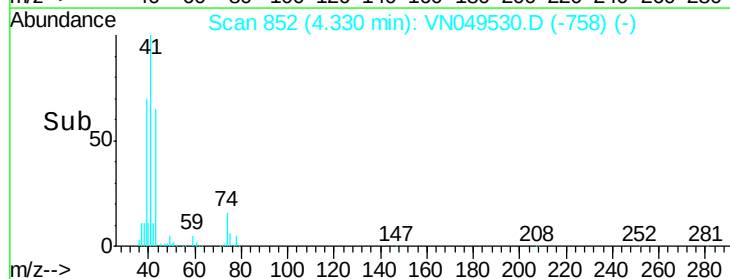
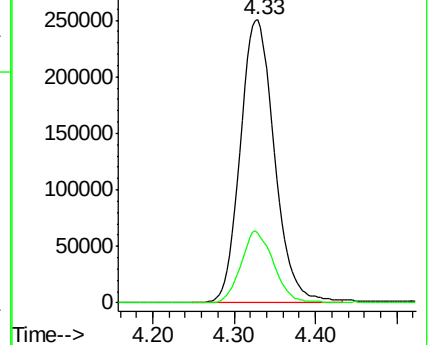
43 100

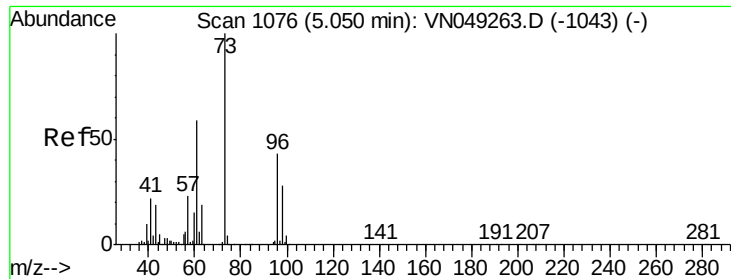
74 24.3 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

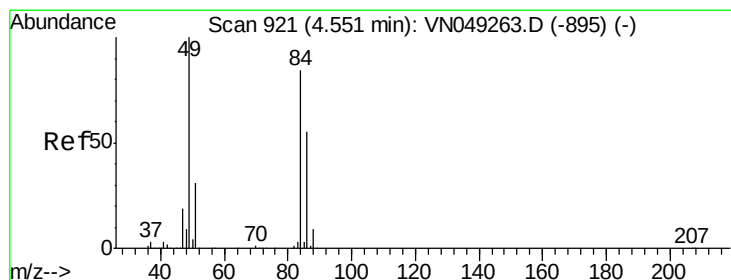
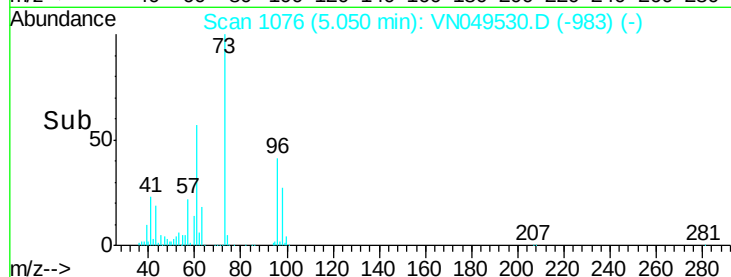
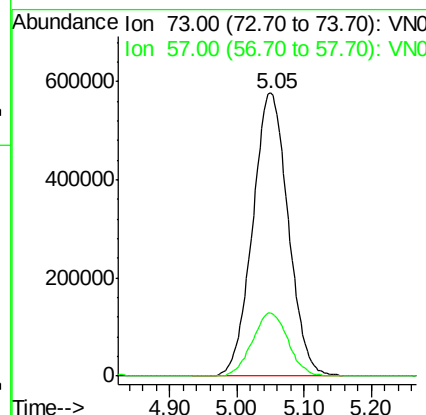
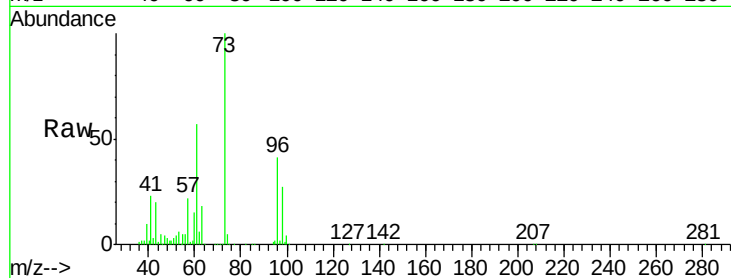




#19
Methvl tert-butvl Ether
Concen: 49.12 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

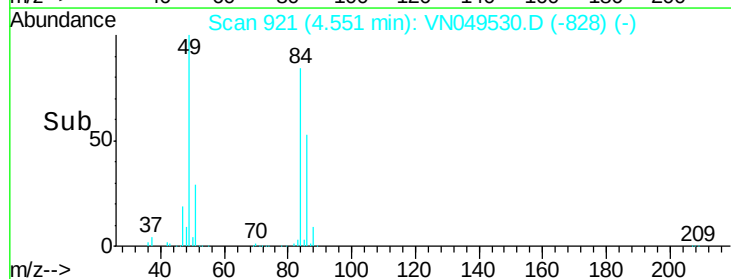
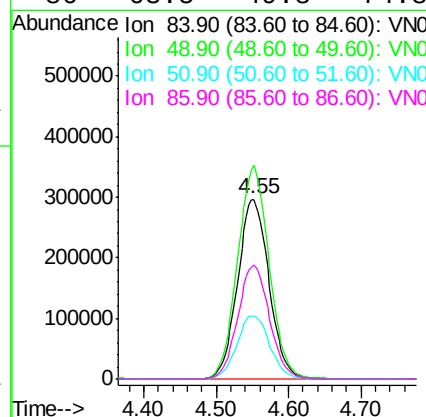
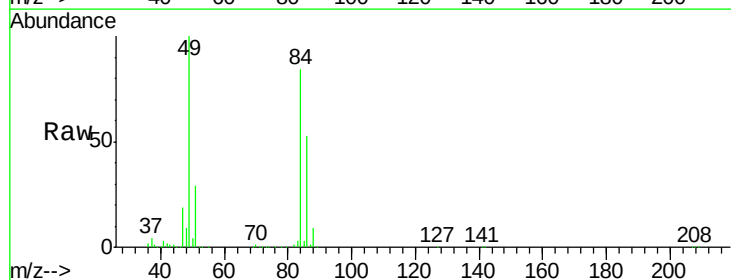
Instrument :
MSVOA_N
ClientSampleId :
BFB

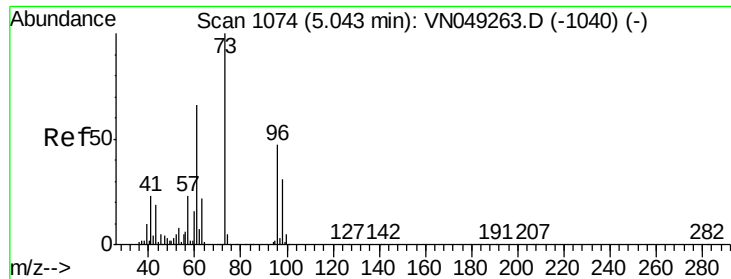
Tot Ion: 73 Resp: 2117049
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 45.15 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

Tgt Ion: 84 Resp: 895280
Ion Ratio Lower Upper
84 100
49 119.0 106.9 160.3
51 35.0 32.7 49.1
86 63.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 45.56 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

BFB

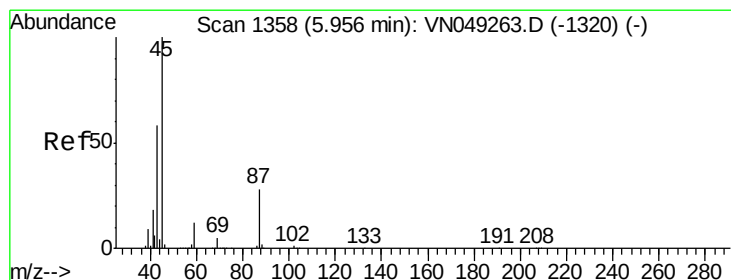
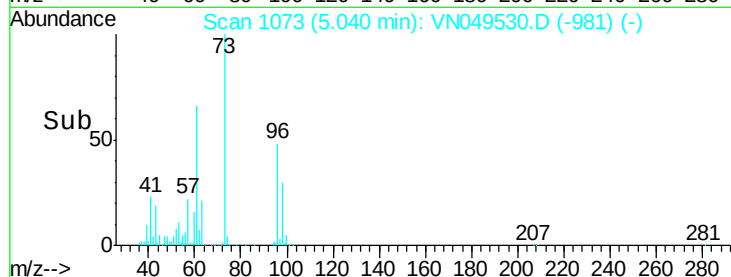
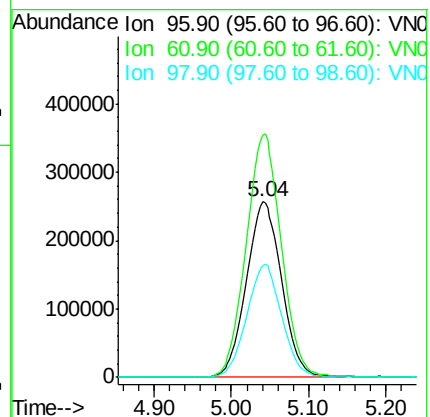
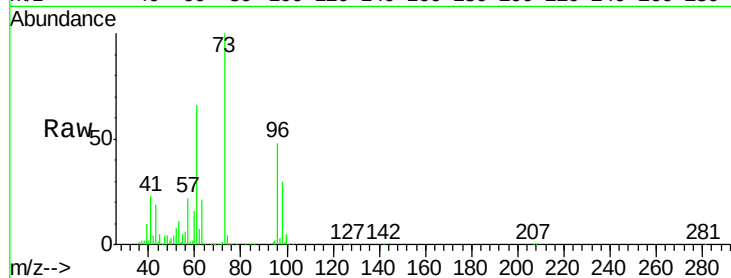
Tot Ion: 96 Resp: 815410

Ion Ratio Lower Upper

96 100

61 138.3 121.3 181.9

98 63.5 52.0 78.0



#22

Diisopropyl ether

Concen: 49.76 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Tgt Ion: 45 Resp: 2652270

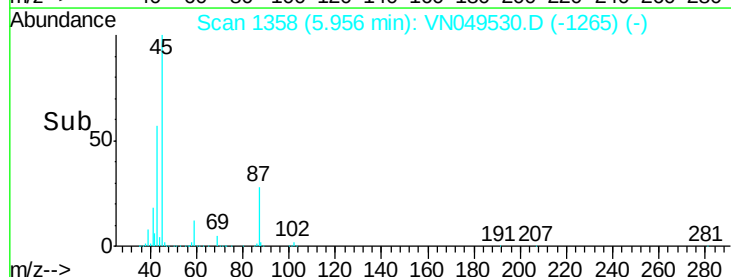
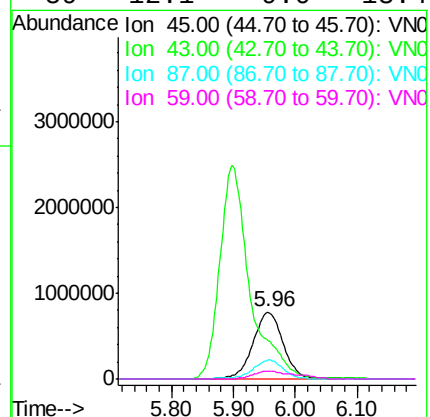
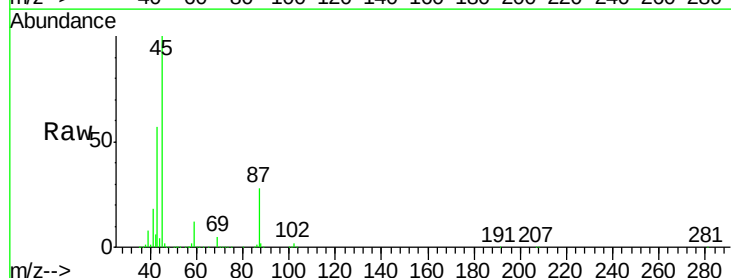
Ion Ratio Lower Upper

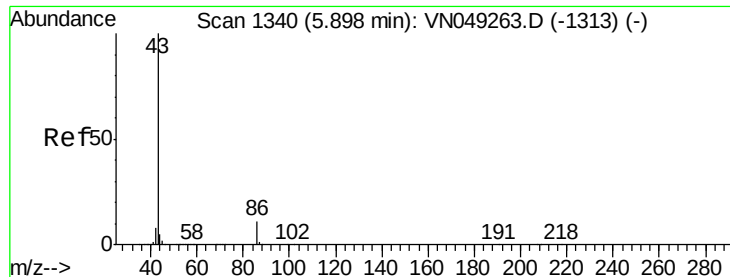
45 100

43 56.5 48.6 72.8

87 27.7 20.2 30.2

59 12.1 9.0 13.4





#23

Vinyl Acetate

Concen: 243.27 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

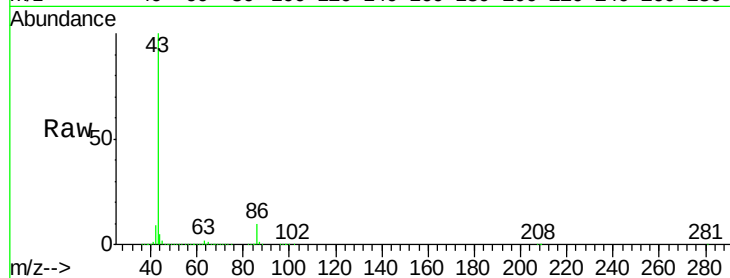
BFB

Tot Ion: 43 Resp: 8452894

Ion Ratio Lower Upper

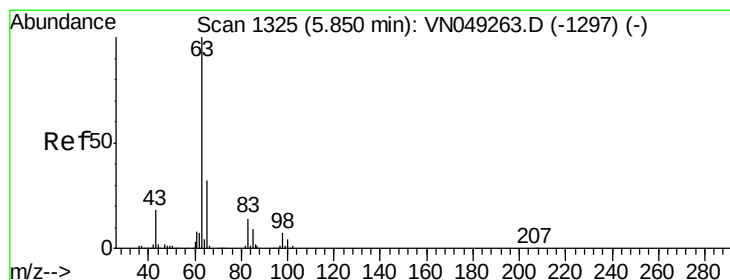
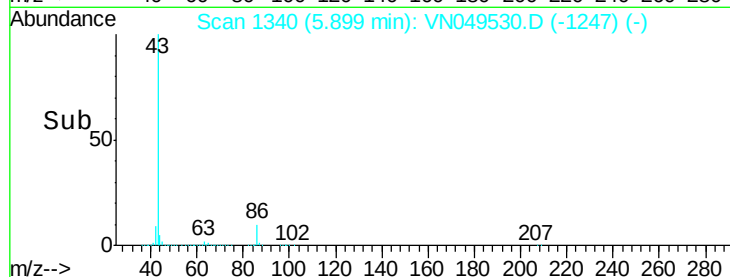
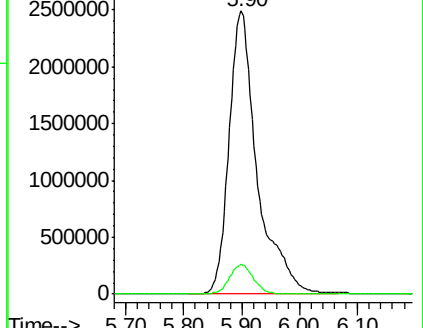
43 100

86 10.4 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049530.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN049530.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 46.23 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

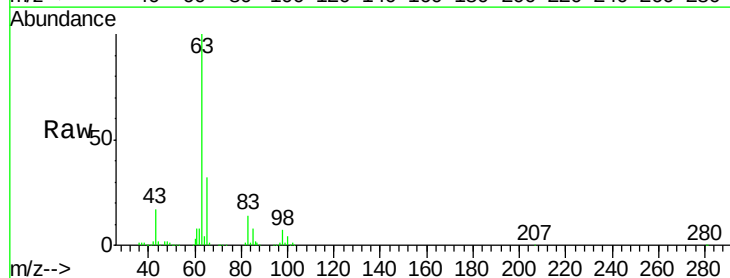
Tgt Ion: 63 Resp: 1577046

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

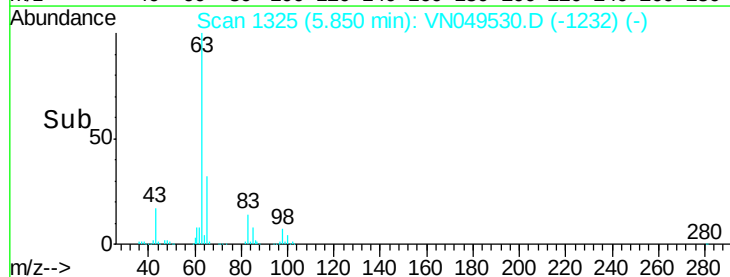
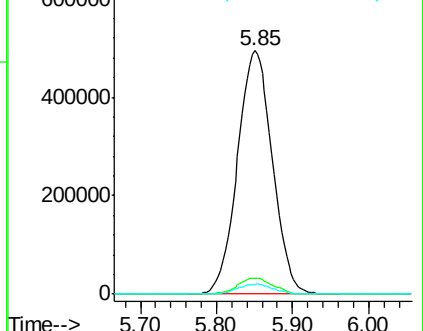
100 4.1 2.1 6.3

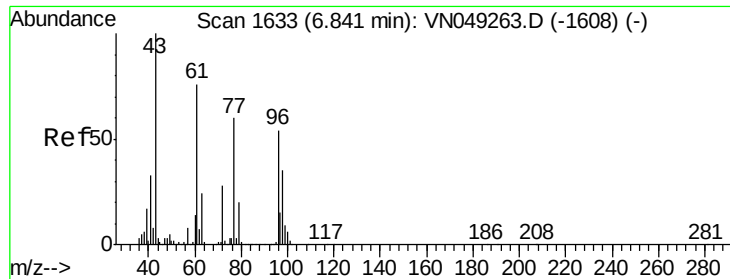


Abundance Ion 62.90 (62.60 to 63.60): VN049530.D (-1232) (-)

Ion 97.90 (97.60 to 98.60): VN049530.D (-1232) (-)

Ion 99.90 (99.60 to 100.60): VN049530.D (-1232) (-)

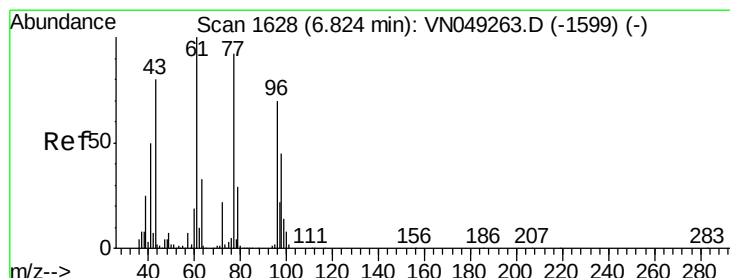
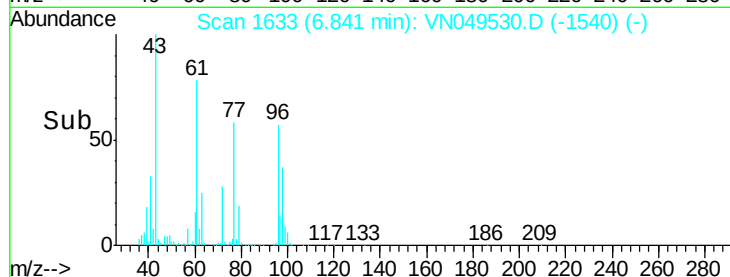
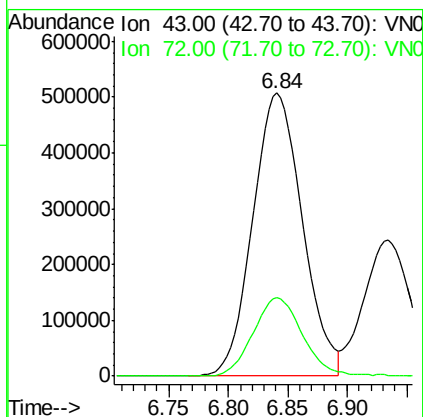
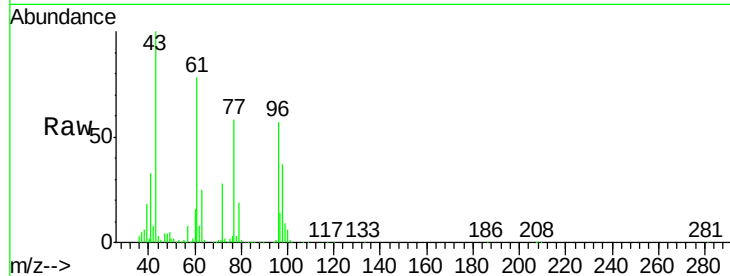




#25
 2-Butanone
 Concen: 229.37 ug/l
 RT: 6.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

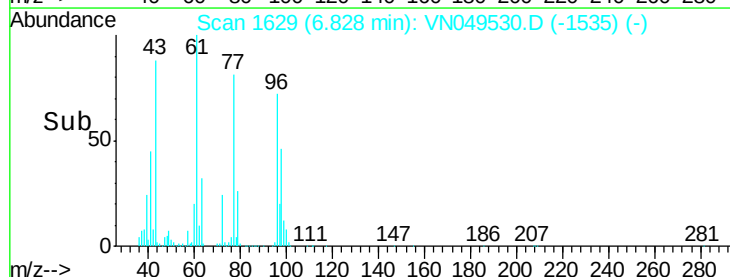
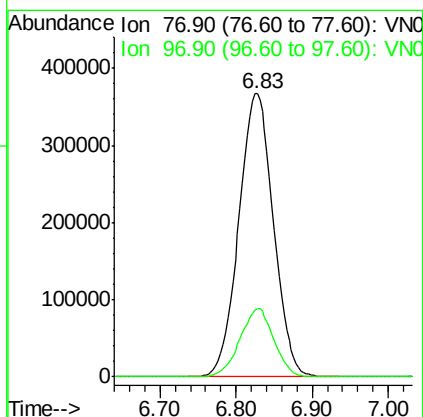
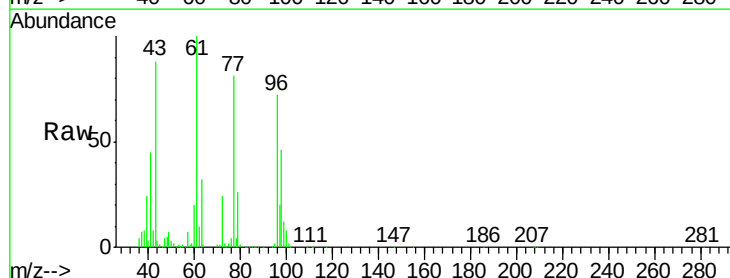
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

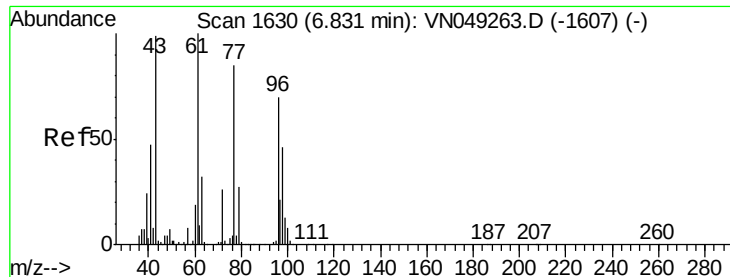
Tot Ion: 43 Resp: 1462285
 Ion Ratio Lower Upper
 43 100
 72 27.8 20.2 30.2



#26
 2,2-Dichloropropane
 Concen: 42.12 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

Tgt Ion: 77 Resp: 1160376
 Ion Ratio Lower Upper
 77 100
 97 23.7 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 47.33 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :
MSVOA_N
ClientSampleId :
BFB

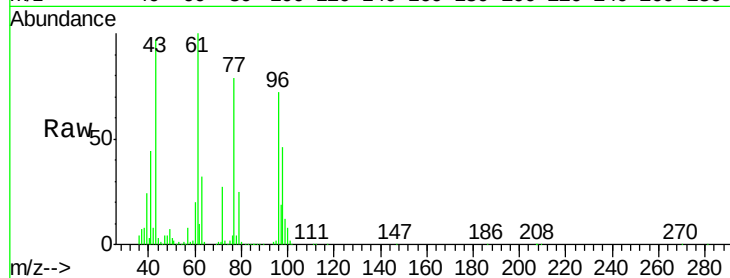
Tot Ion: 96 Resp: 941636

Ion Ratio Lower Upper

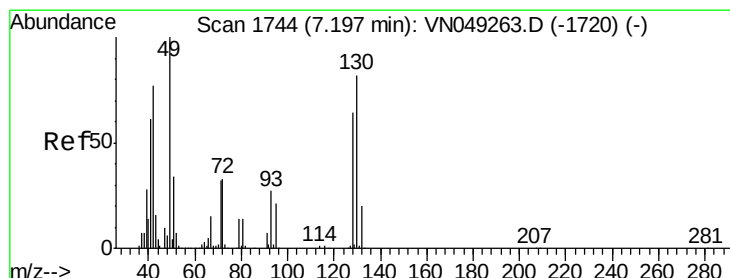
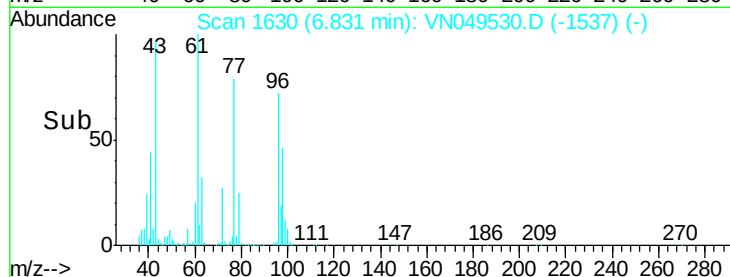
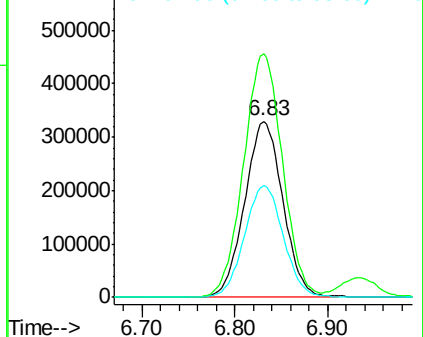
96 100

61 141.6 0.0 316.4

98 64.9 0.0 128.4



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



#28

Bromochloromethane

Concen: 49.29 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

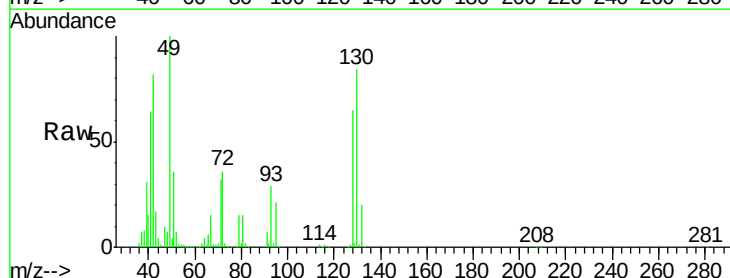
Tgt Ion: 49 Resp: 745526

Ion Ratio Lower Upper

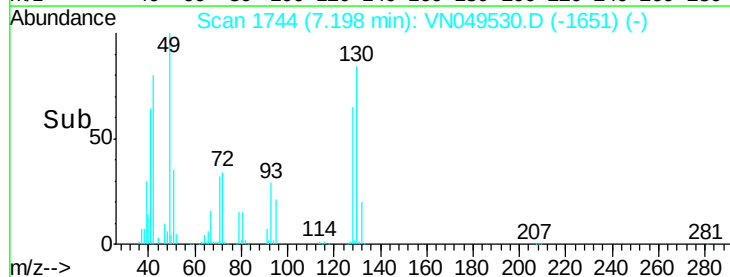
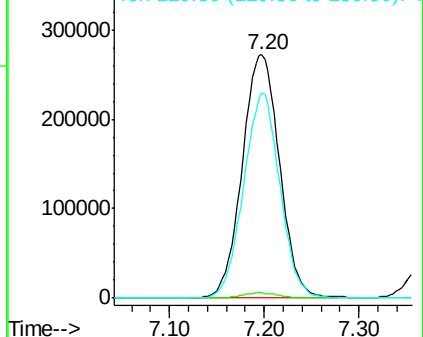
49 100

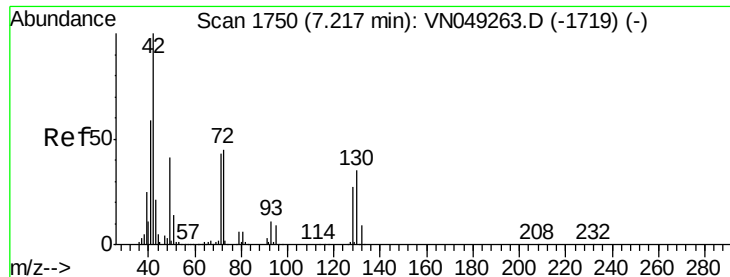
129 2.1 0.0 3.8

130 82.1 54.9 82.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 241.90 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

BFB

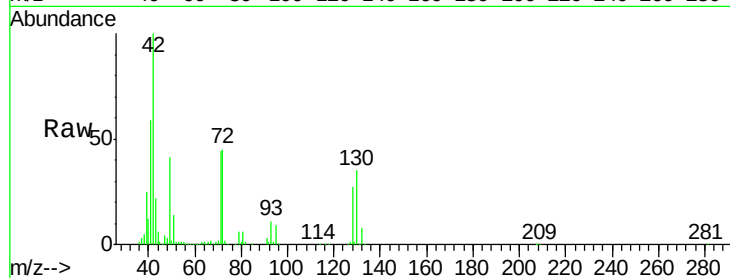
Tot Ion: 42 Resp: 992677

Ion Ratio Lower Upper

42 100

72 43.2 32.2 48.4

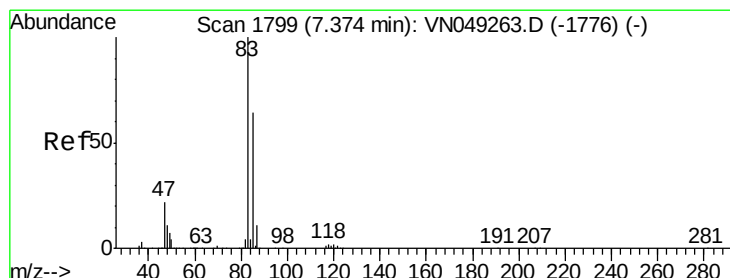
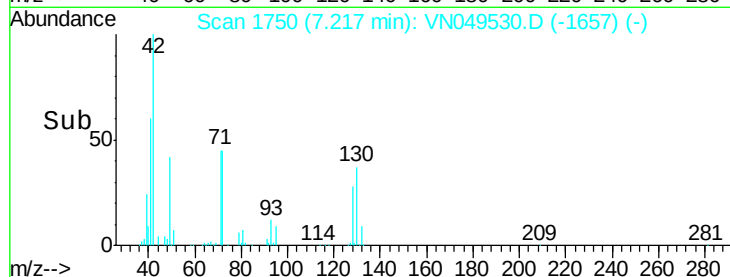
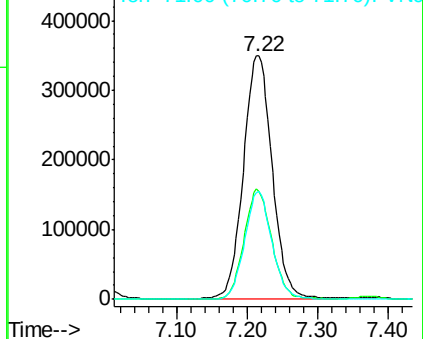
71 42.1 30.5 45.7



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: 47.23 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049530.D

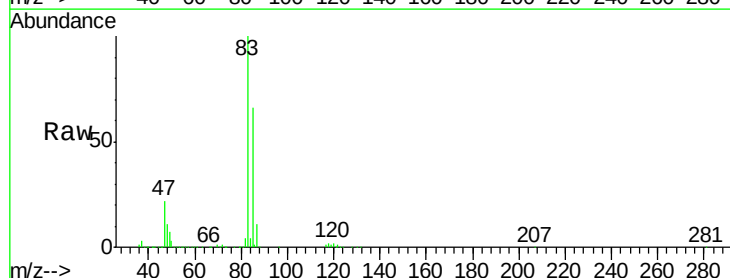
Acq: 26 Jun 2018 00:03

Tgt Ion: 83 Resp: 1603510

Ion Ratio Lower Upper

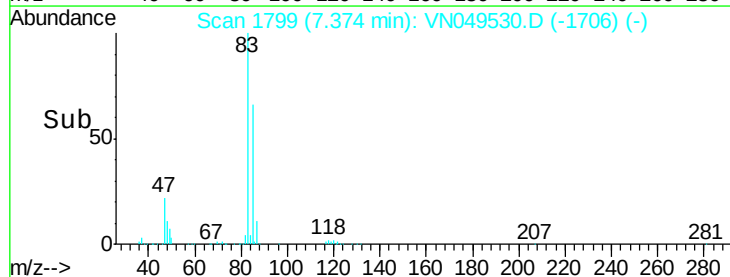
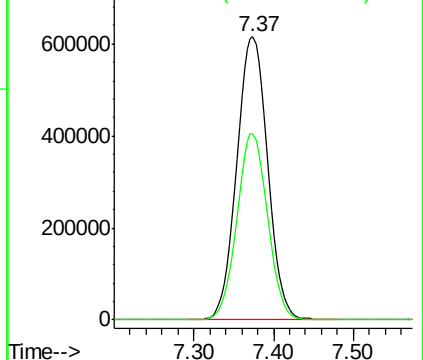
83 100

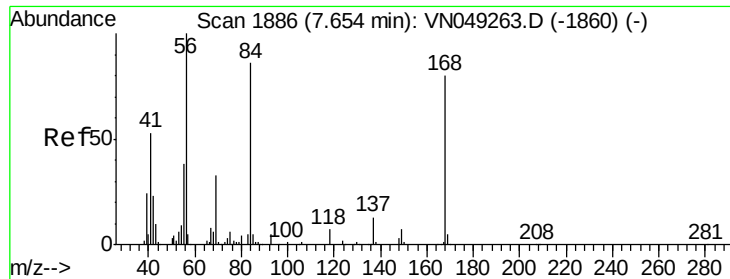
85 65.8 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

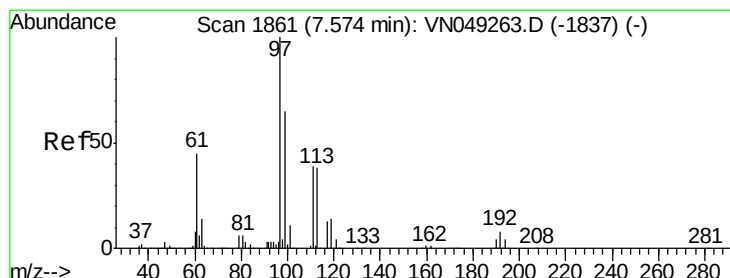
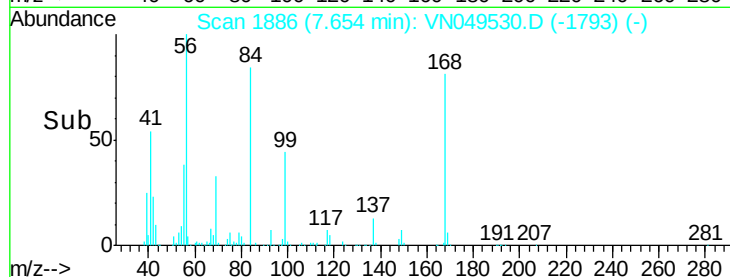
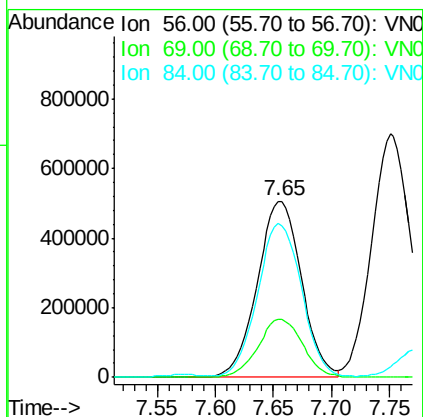
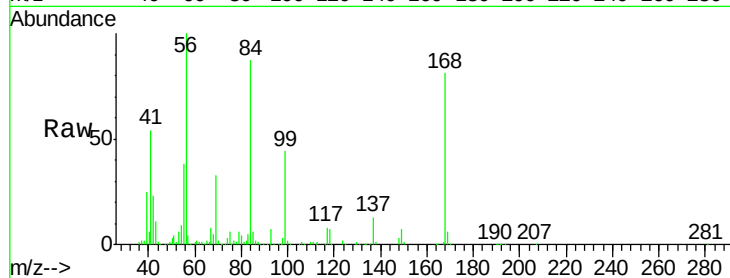




#31
Cyclohexane
Concen: 46.31 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

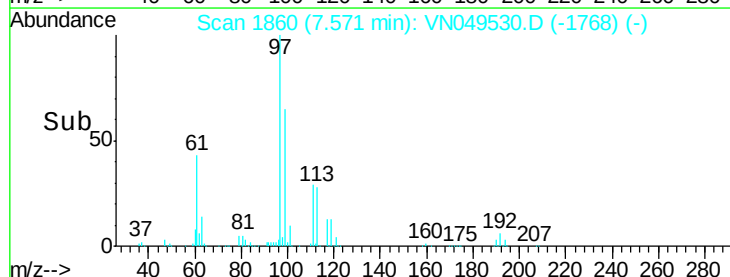
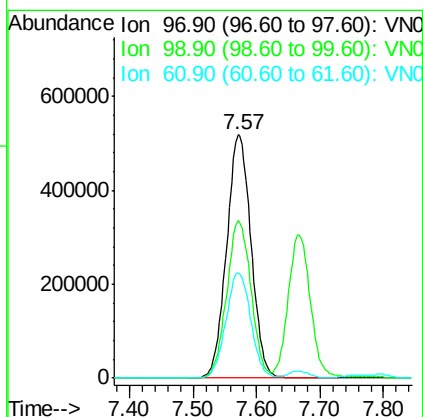
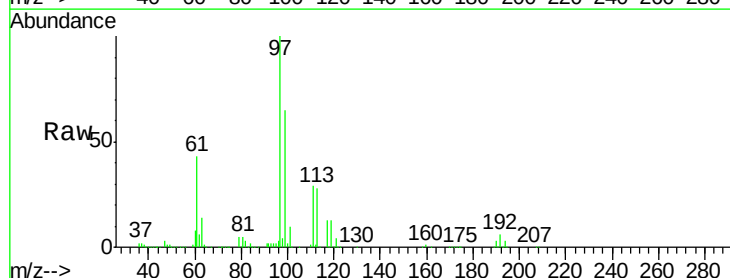
Instrument :
MSVOA_N
ClientSampled :
BFB

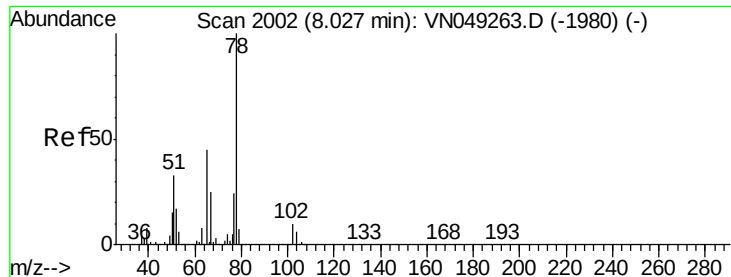
Tot Ion: 56 Resp: 1339556
Ion Ratio Lower Upper
56 100
69 32.9 25.0 37.4
84 85.8 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 47.76 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

Tgt Ion: 97 Resp: 1383456
Ion Ratio Lower Upper
97 100
99 64.2 50.5 75.7
61 43.8 37.9 56.9

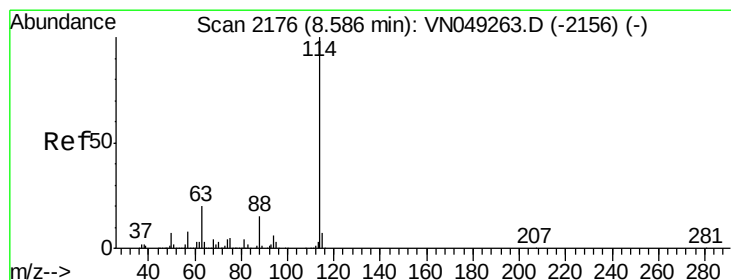
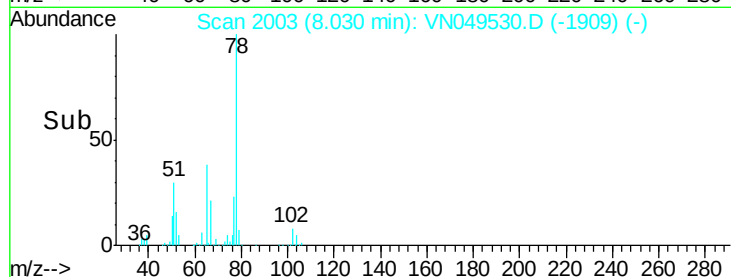
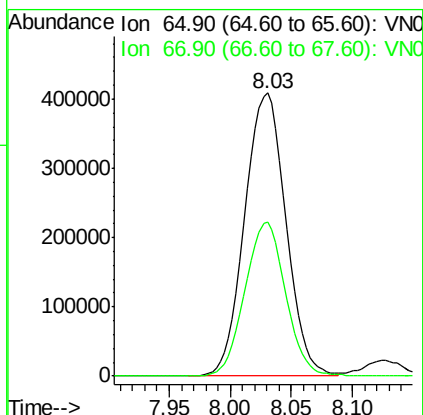
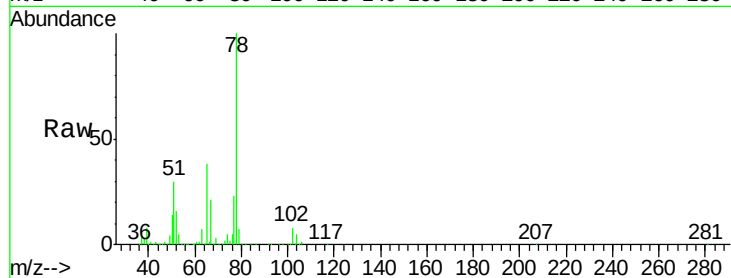




#33
 1,2-Dichloroethane-d4
 Concen: 48.92 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

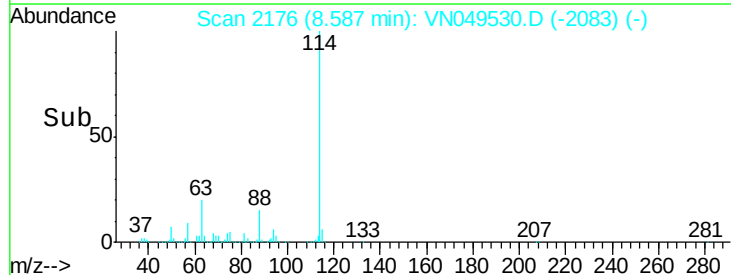
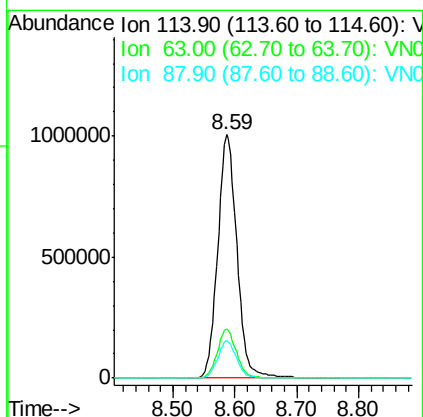
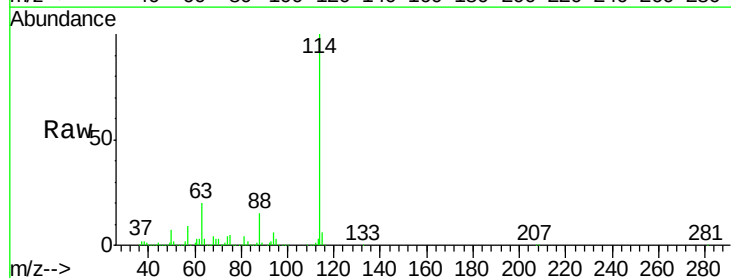
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

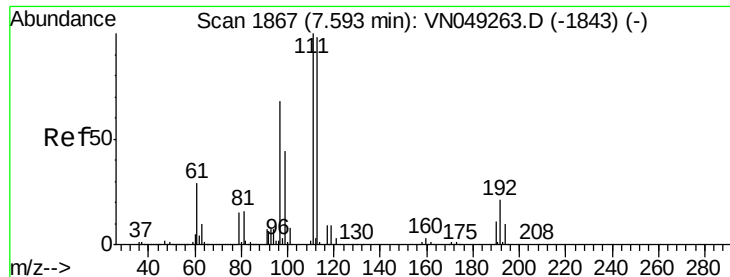
Tot Ion: 65 Resp: 956510
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

Tgt Ion: 114 Resp: 2167643
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.2 0.0 31.4

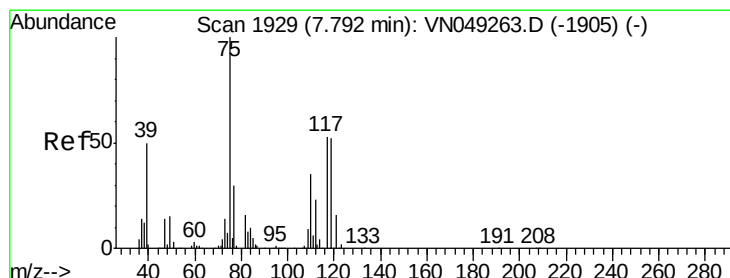
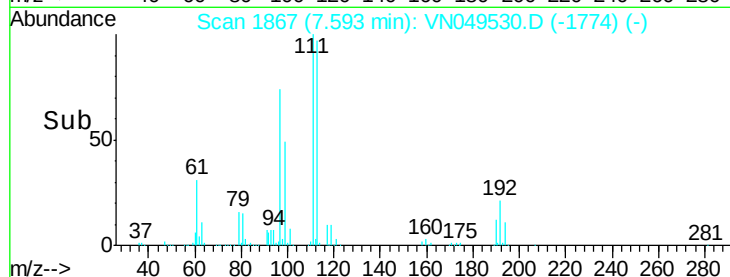
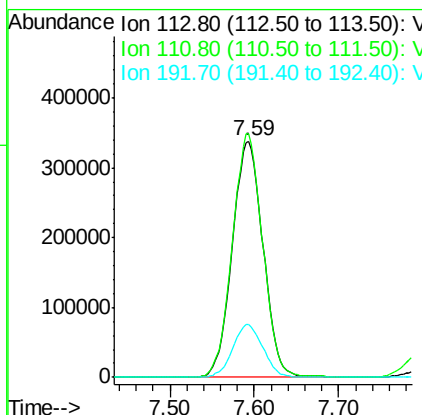
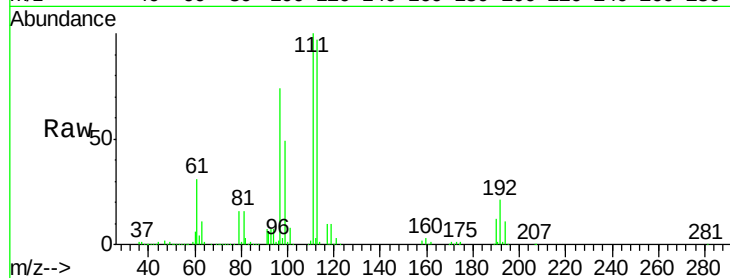




#35
 Dibromofluoromethane
 Concen: 48.98 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

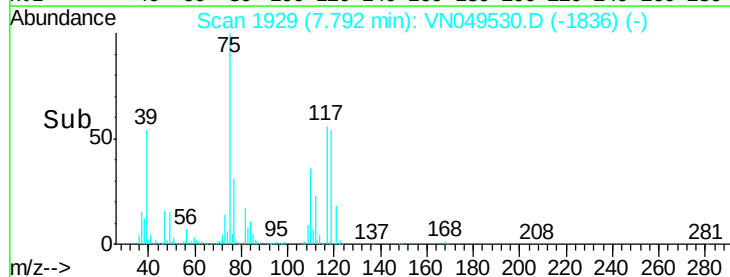
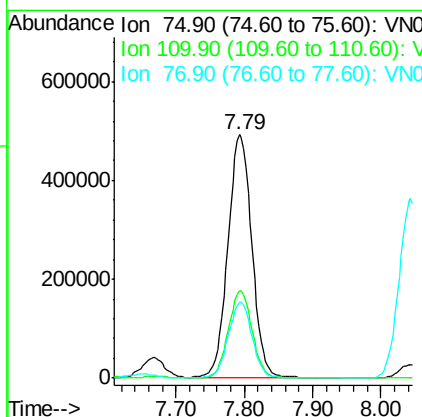
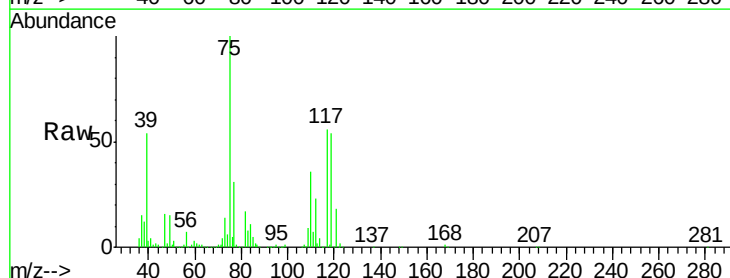
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

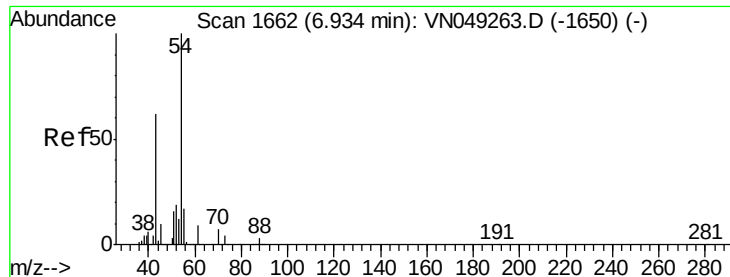
Tot Ion:113 Resp: 858920
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 21.9 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 48.51 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

Tgt Ion: 75 Resp: 1205084
 Ion Ratio Lower Upper
 75 100
 110 35.6 17.0 50.9
 77 30.9 24.4 36.6

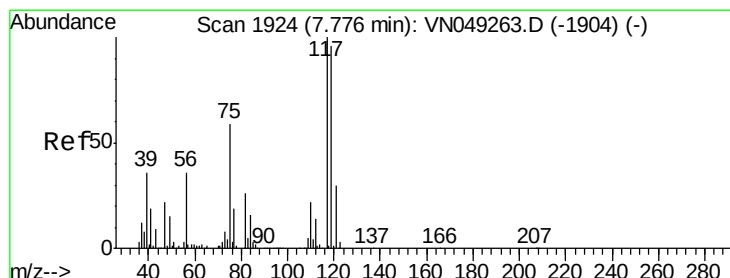
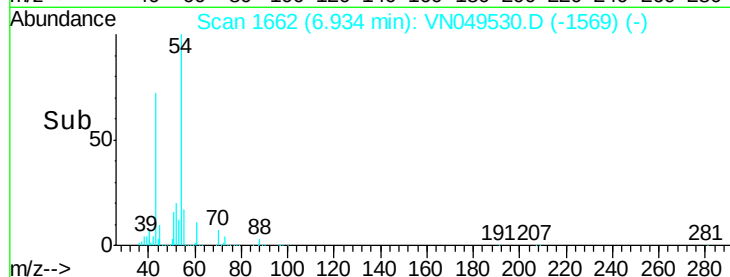
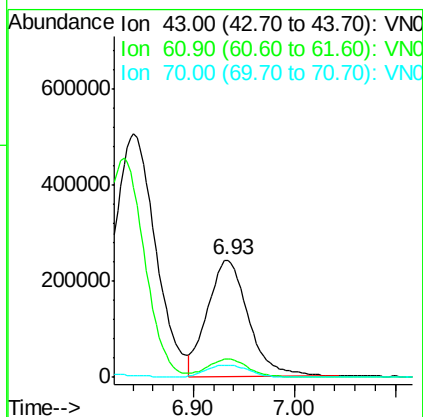
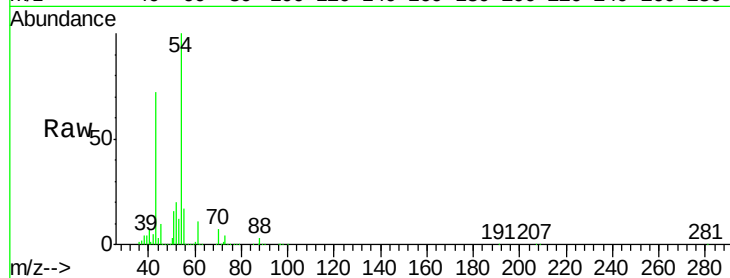




#37
Ethyl Acetate
Concen: 50.40 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

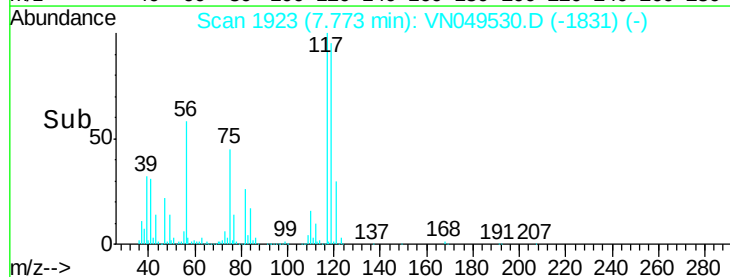
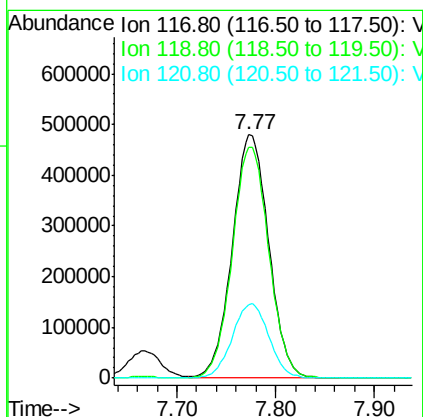
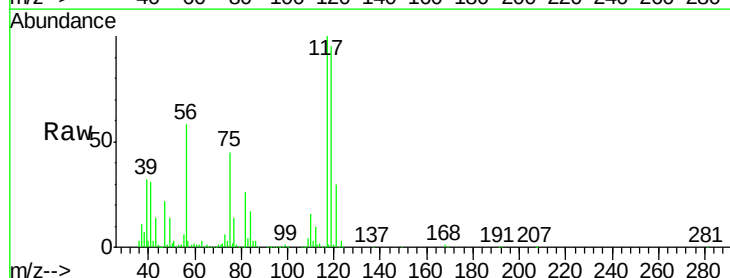
Instrument :
MSVOA_N
ClientSampled :
BFB

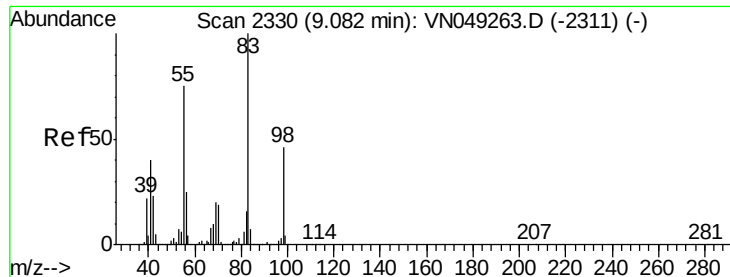
Tot Ion: 43 Resp: 680664
Ion Ratio Lower Upper
43 100
61 15.0 11.0 16.4
70 10.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.61 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

Tgt Ion: 117 Resp: 1224497
Ion Ratio Lower Upper
117 100
119 94.9 75.6 113.4
121 30.4 24.7 37.1

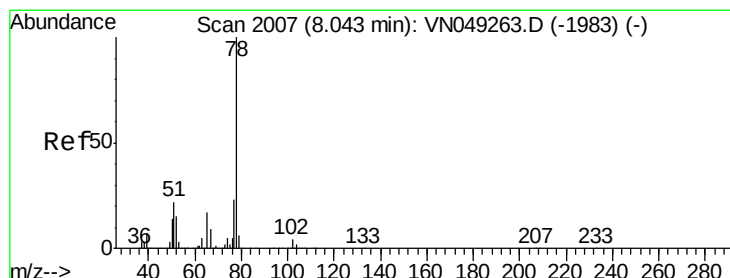
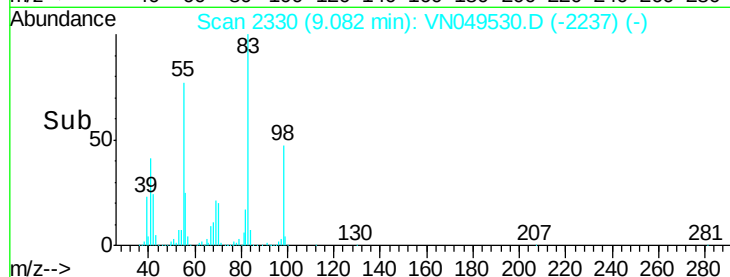
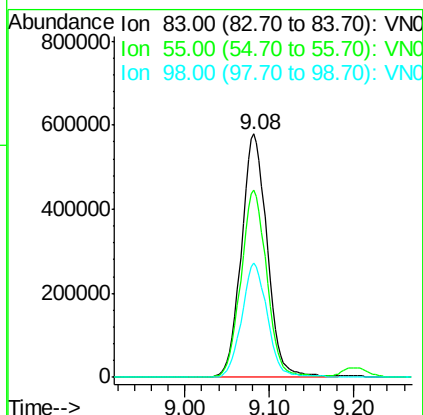
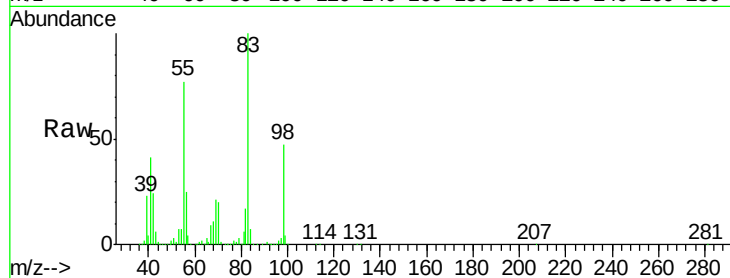




#39
Methylvlcyclohexane
Concen: 46.42 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

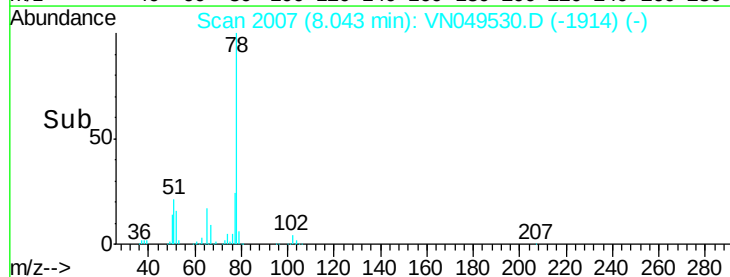
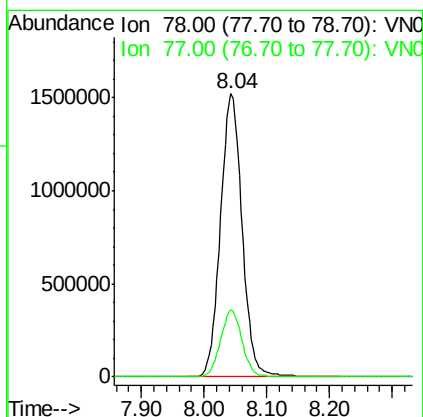
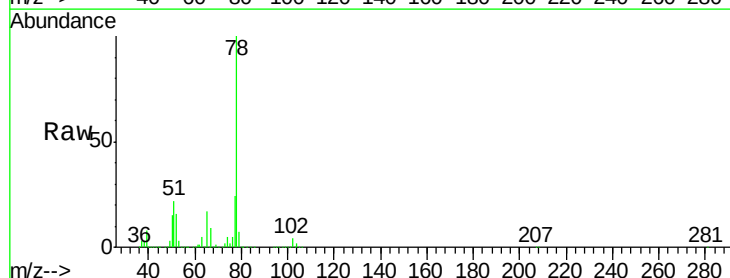
Instrument :
MSVOA_N
ClientSampleId :
BFB

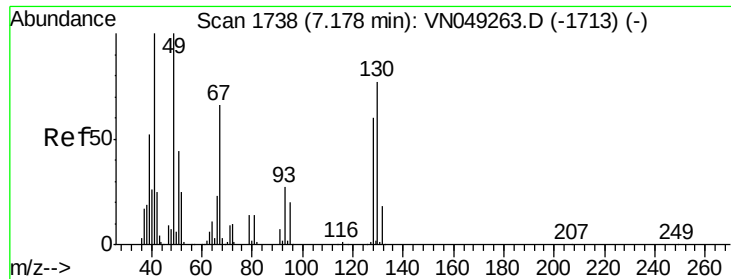
Tot Ion: 83 Resp: 1238021
Ion Ratio Lower Upper
83 100
55 77.1 65.1 97.7
98 47.0 36.5 54.7



#40
Benzene
Concen: 47.81 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

Tgt Ion: 78 Resp: 3641107
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

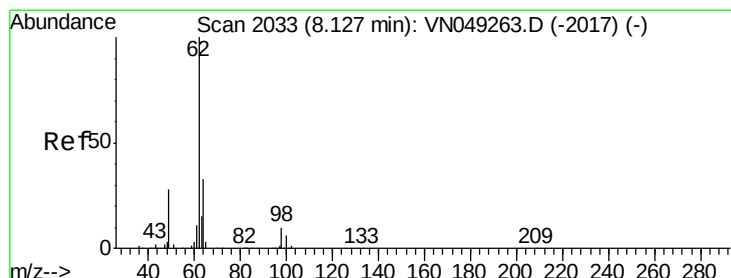
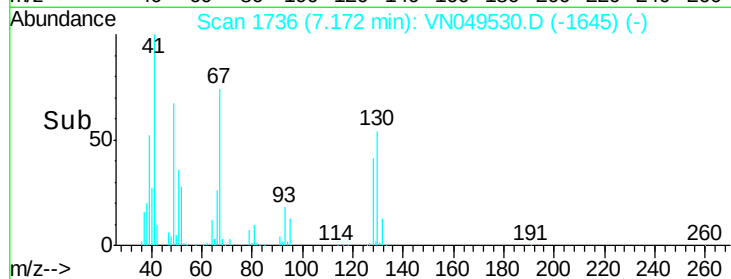
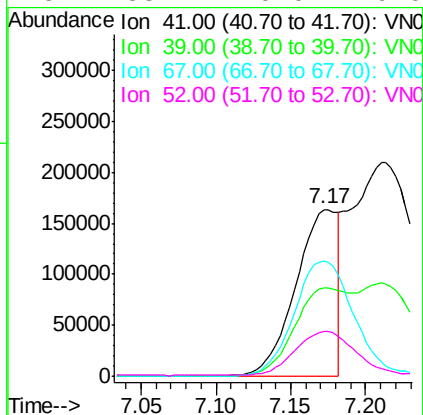
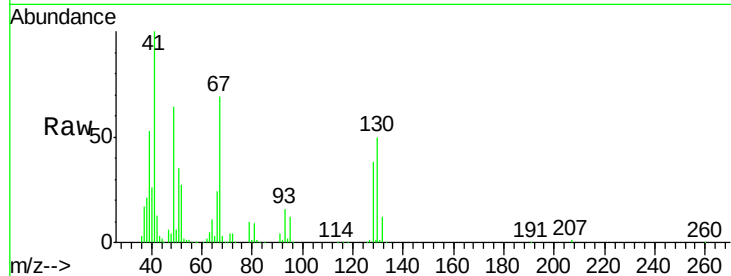




#41
Methacrylonitrile
Concen: 43.71 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

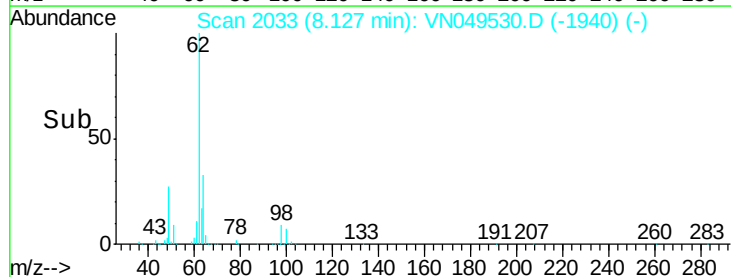
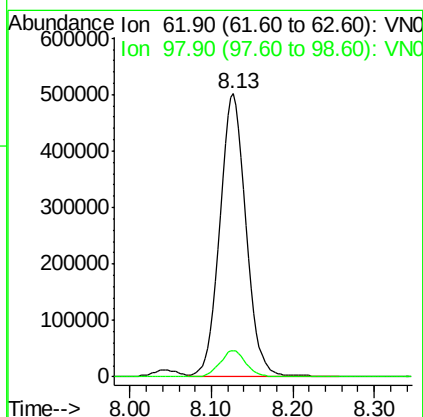
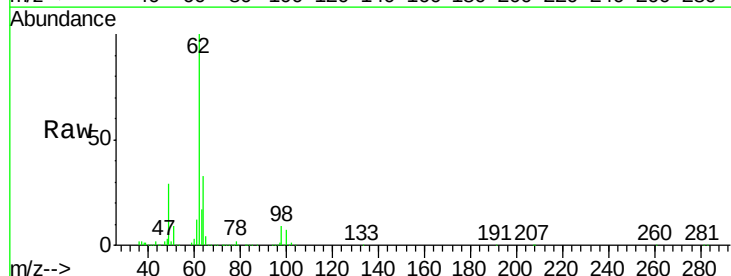
Instrument :
MSVOA_N
ClientSampled :
BFB

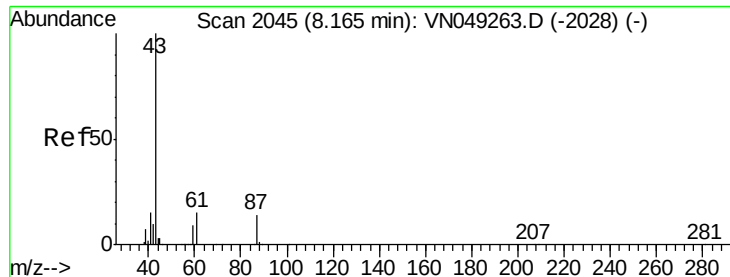
Tot Ion:	41	Resp:	319144
Ion	Ratio	Lower	Upper
41	100		
39	68.8	0.0	0.0#
67	98.8	0.0	0.0#
52	38.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 48.27 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

Tgt Ion:	62	Resp:	1135835
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.2





#43

Isopropyl Acetate

Concen: 49.61 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

BFB

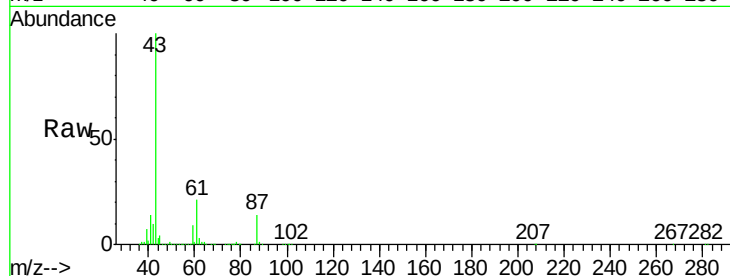
Tot Ion: 43 Resp: 1280258

Ion Ratio Lower Upper

43 100

61 19.7 14.2 21.4

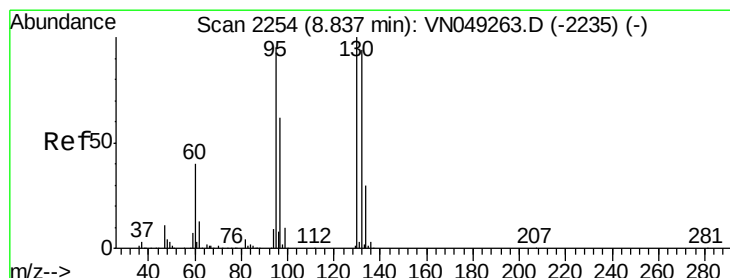
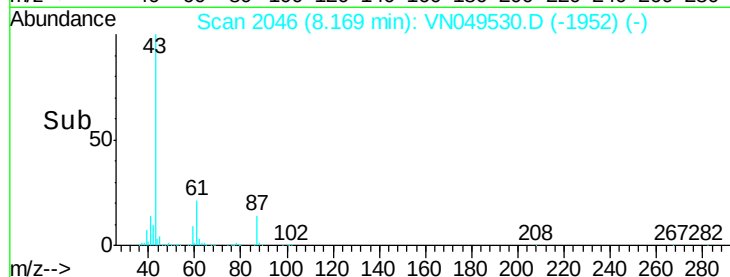
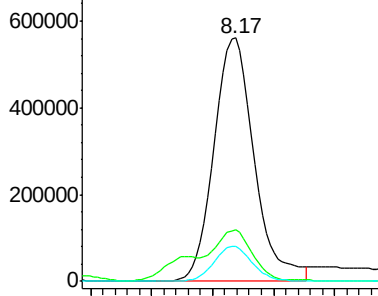
87 13.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049530.D (-2161) (-)

Ion 61.00 (60.70 to 61.70): VN049530.D (-2161) (-)

Ion 87.00 (86.70 to 87.70): VN049530.D (-2161) (-)



#44

Trichloroethene

Concen: 49.11 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049530.D

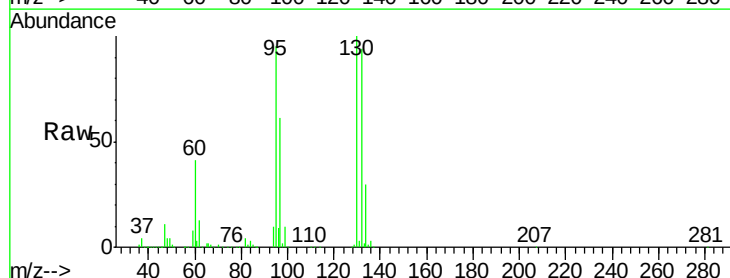
Acq: 26 Jun 2018 00:03

Tgt Ion: 130 Resp: 987737

Ion Ratio Lower Upper

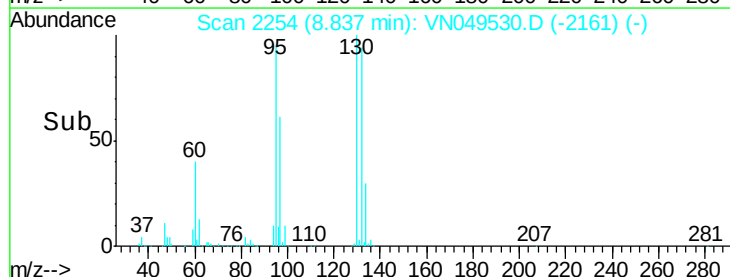
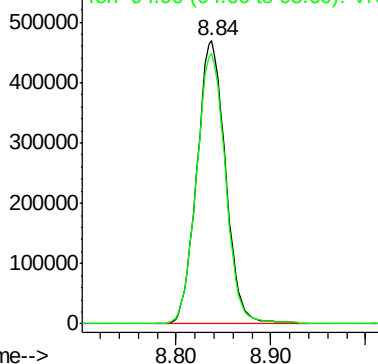
130 100

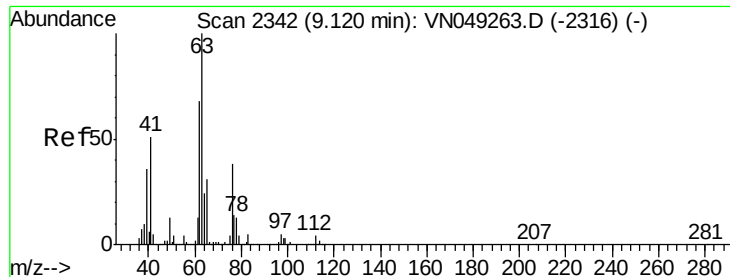
95 95.5 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049530.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049530.D (-2161) (-)

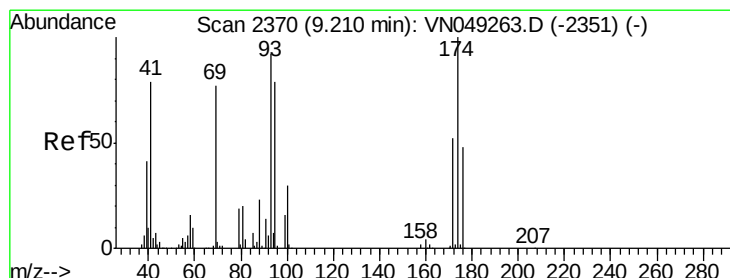
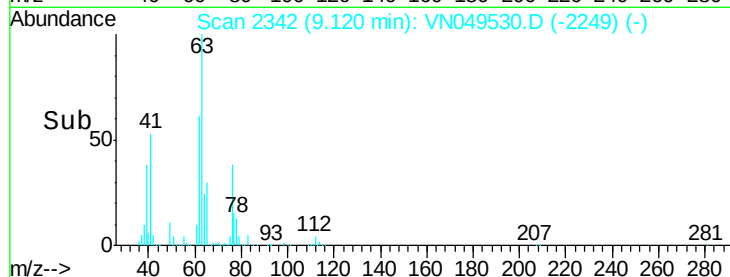
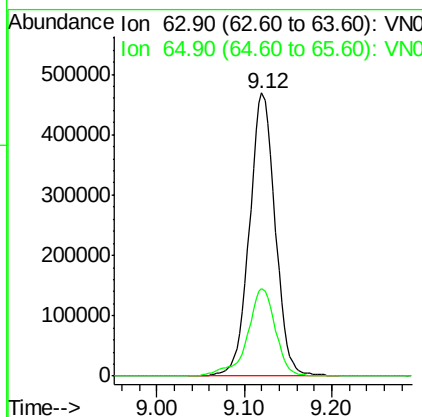
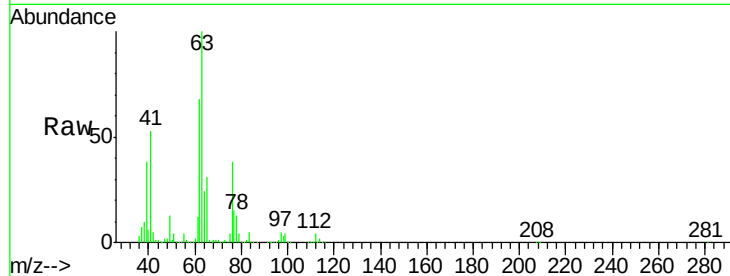




#45
 1,2-Dichloropropane
 Concen: 48.14 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

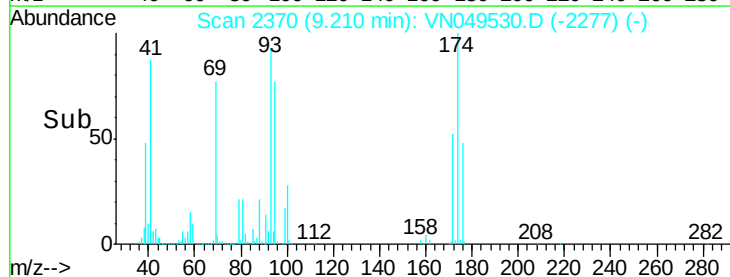
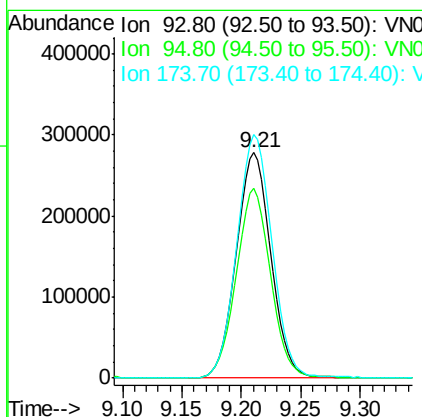
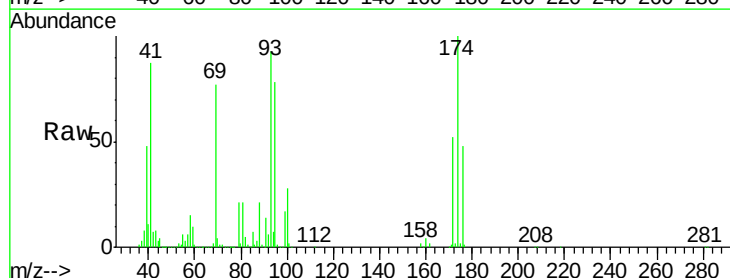
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

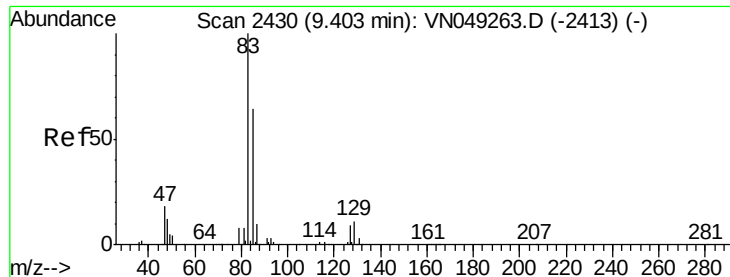
Tot Ion: 63 Resp: 959970
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2



#46
 Dibromomethane
 Concen: 48.77 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

Tgt Ion: 93 Resp: 563987
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.2 100.8
 174 109.3 75.6 113.4





#47

Bromodichloromethane

Concen: 49.03 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

BFB

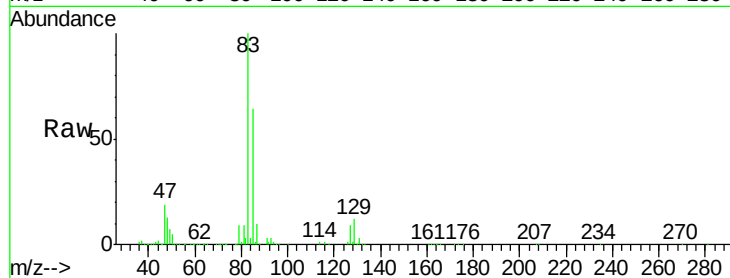
Tot Ion: 83 Resp: 1245839

Ion Ratio Lower Upper

83 100

85 63.8 49.4 74.0

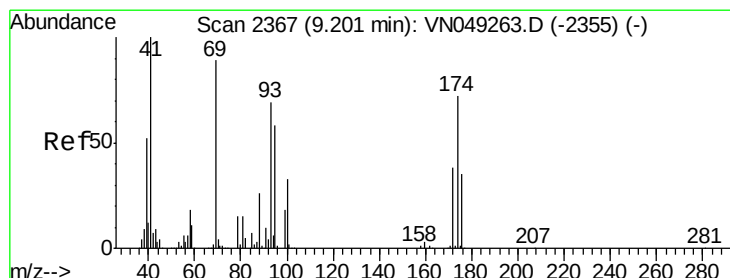
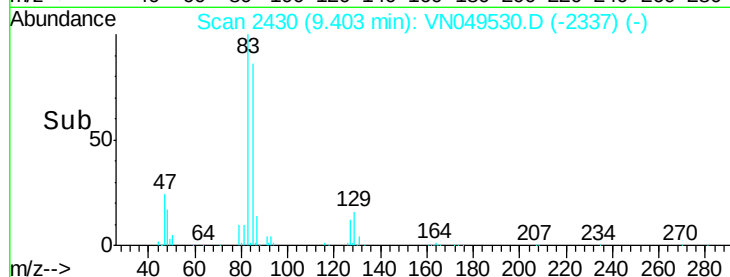
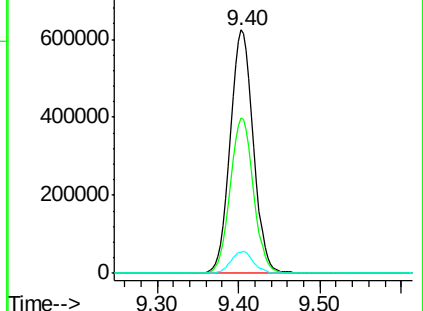
127 8.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049530.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049530.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049530.D (-2337) (-)



#48

Methyl methacrylate

Concen: 52.57 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

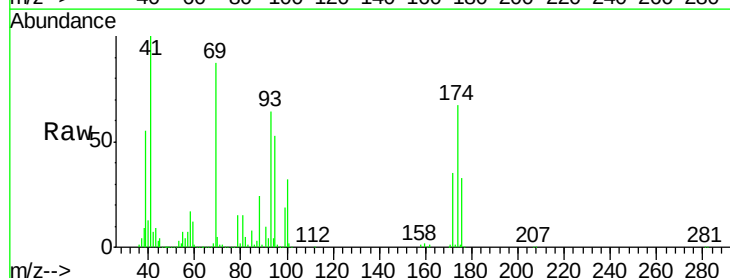
Tgt Ion: 41 Resp: 638848

Ion Ratio Lower Upper

41 100

69 87.7 62.0 93.0

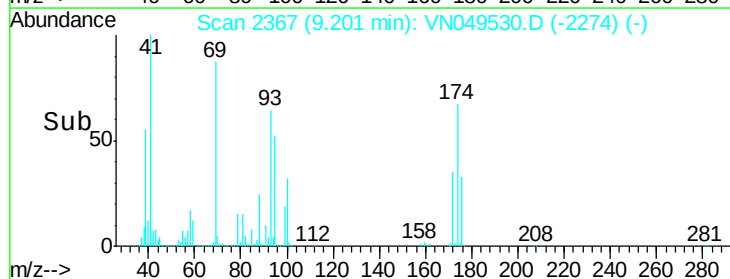
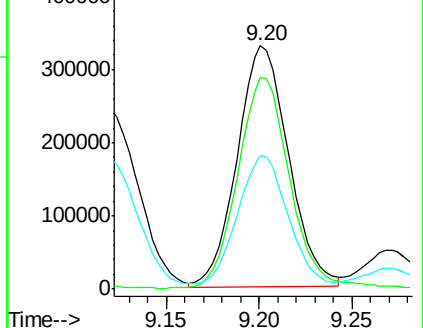
39 55.4 50.6 75.8

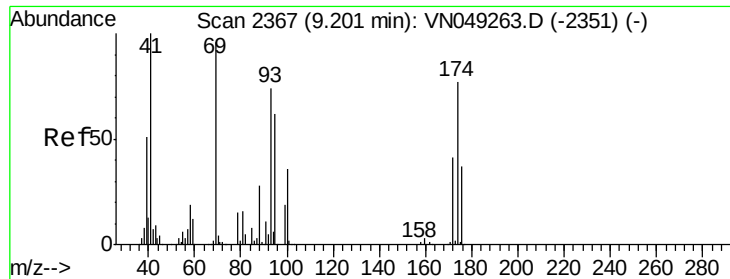


Abundance Ion 41.00 (40.70 to 41.70): VN049530.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049530.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049530.D (-2274) (-)

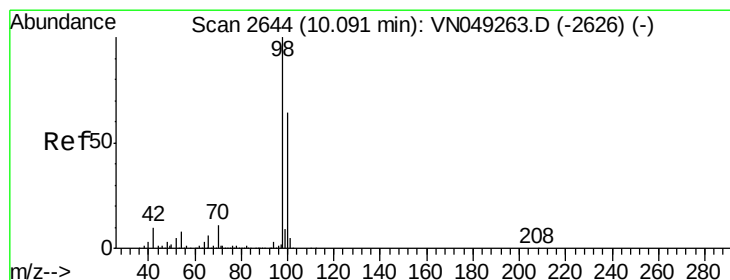
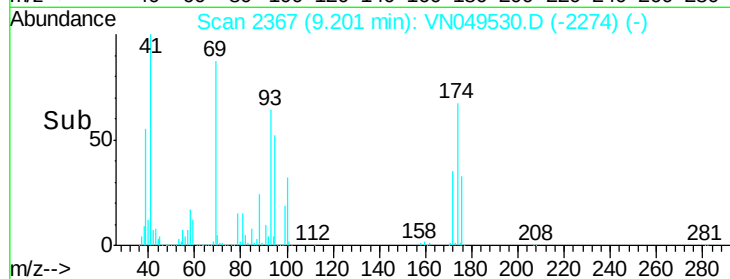
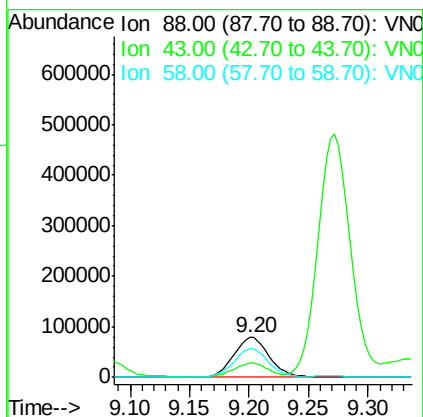
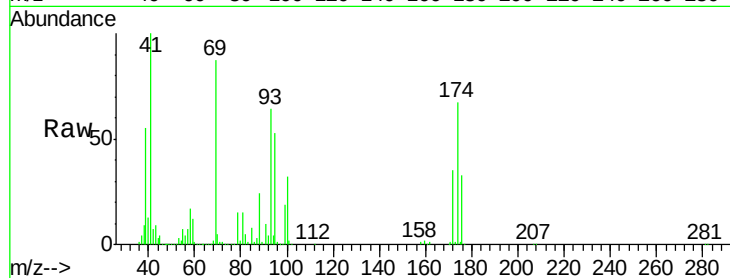




#49
1,4-Dioxane
Concen: 982.80 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

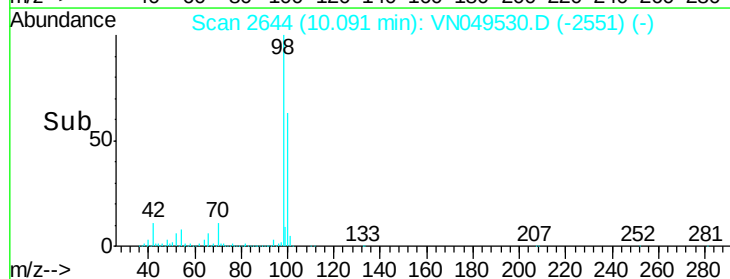
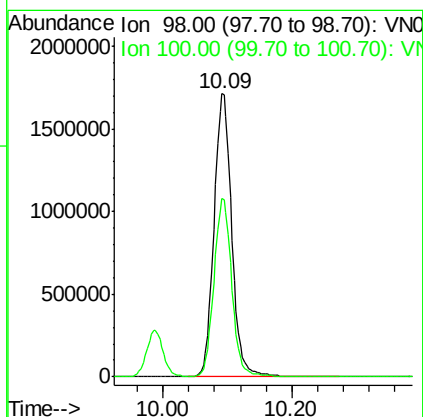
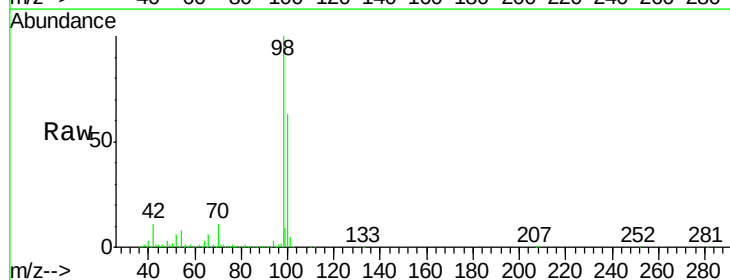
Instrument :
MSVOA_N
ClientSampled :
BFB

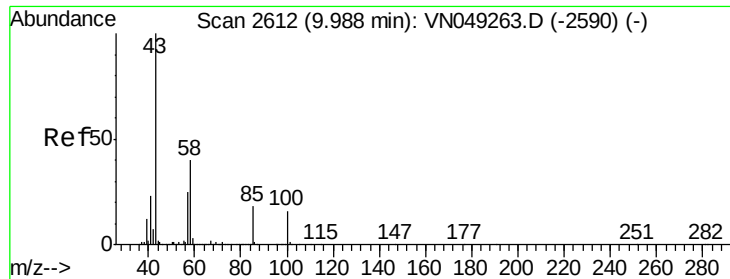
Tot Ion: 88 Resp: 164832
Ion Ratio Lower Upper
88 100
43 32.5 30.9 46.3
58 70.4 58.9 88.3



#50
Toluene-d8
Concen: 49.07 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

Tgt Ion: 98 Resp: 3276374
Ion Ratio Lower Upper
98 100
100 63.3 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 254.12 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

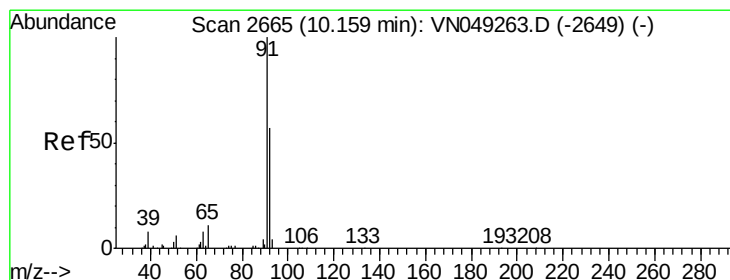
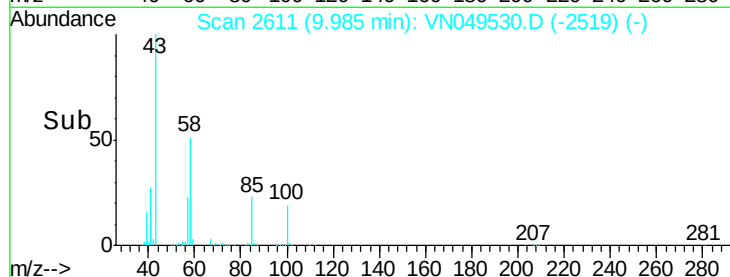
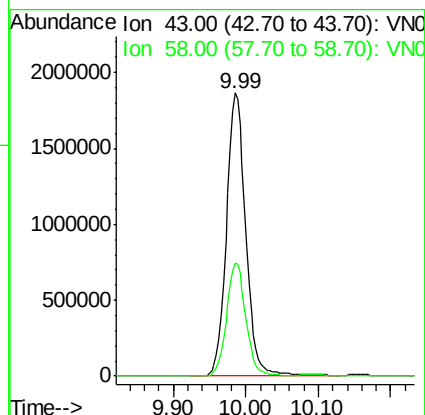
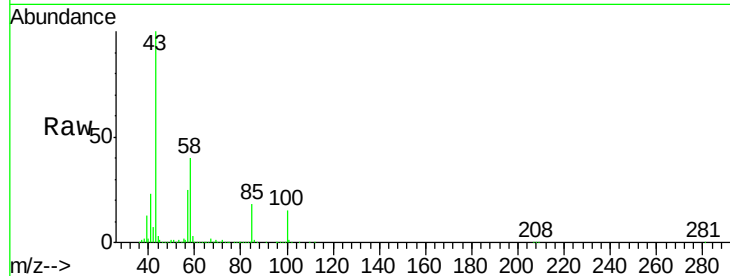
BFB

Tot Ion: 43 Resp: 3436795

Ion Ratio Lower Upper

43 100

58 39.7 29.0 43.6



#52

Toluene

Concen: 50.52 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049530.D

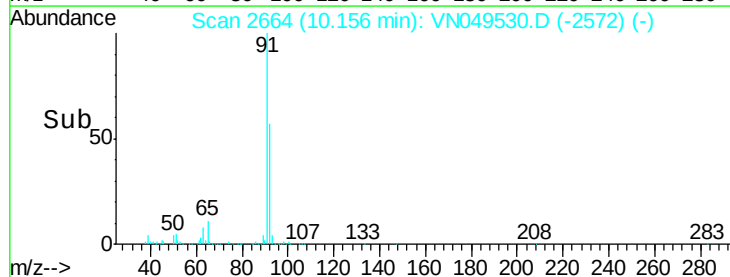
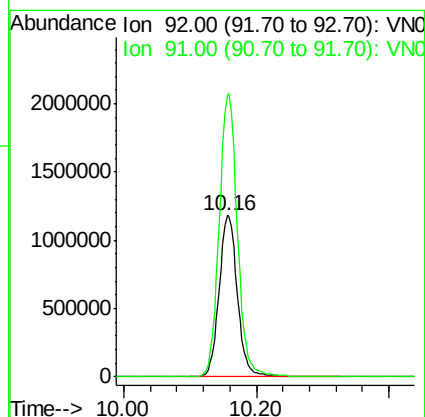
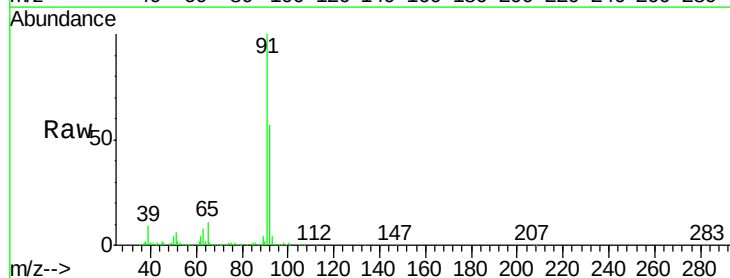
Acq: 26 Jun 2018 00:03

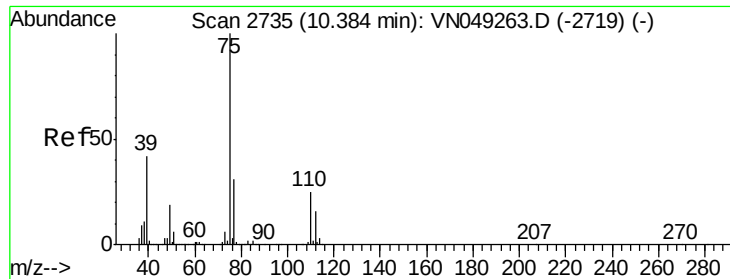
Tgt Ion: 92 Resp: 2258400

Ion Ratio Lower Upper

92 100

91 175.3 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 49.06 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

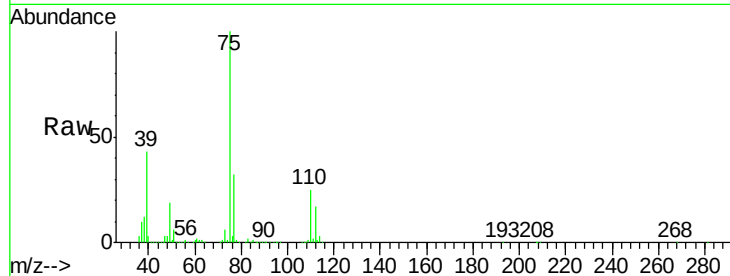
BFB

Tot Ion: 75 Resp: 1192639

Ion Ratio Lower Upper

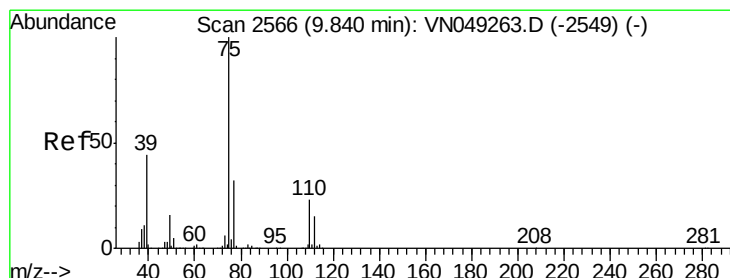
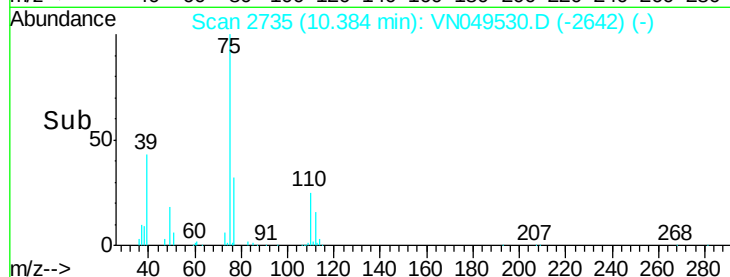
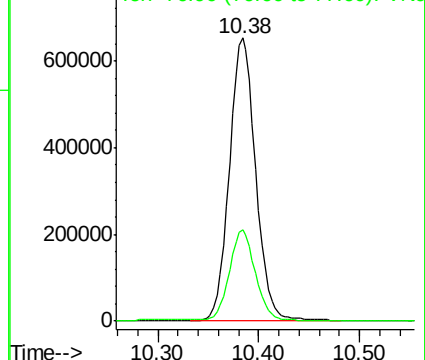
75 100

77 32.1 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 48.54 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

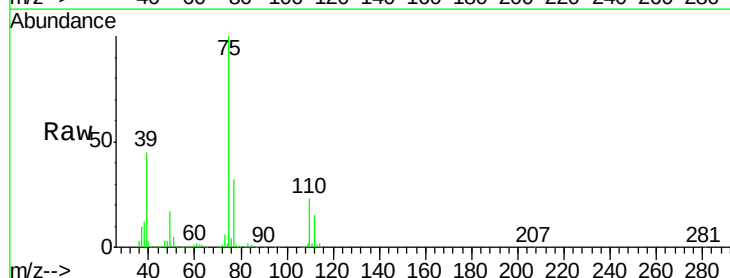
Tgt Ion: 75 Resp: 1393387

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

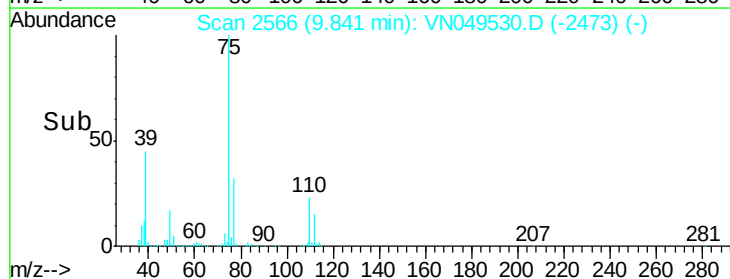
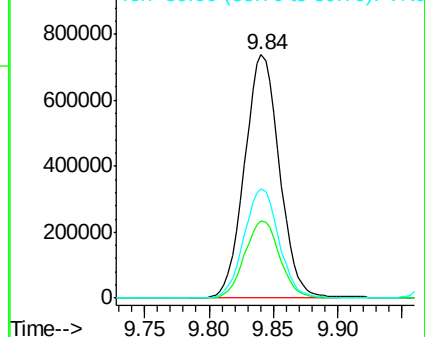
39 45.0 45.1 67.7#

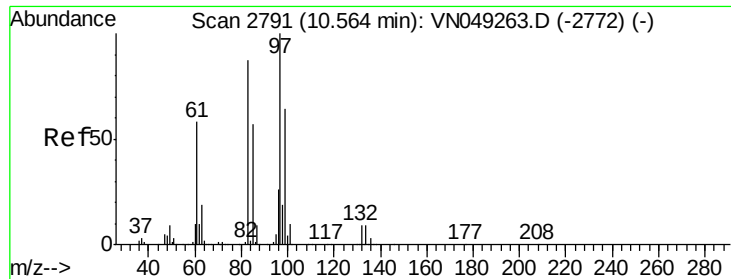


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



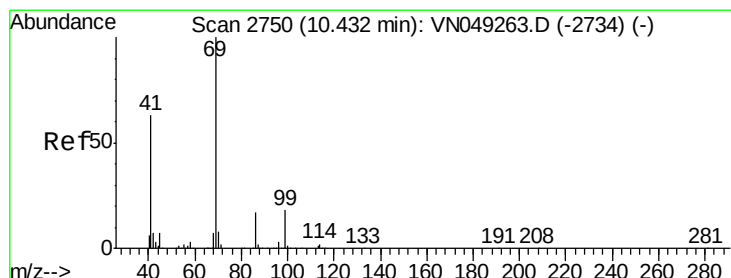
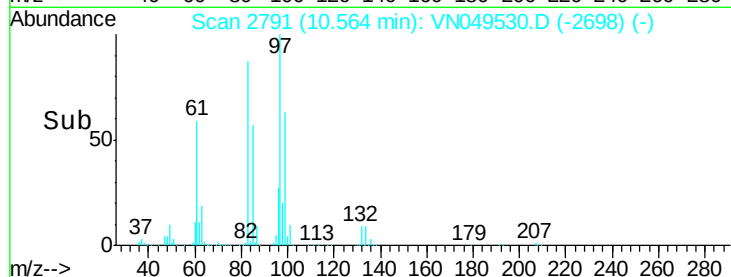
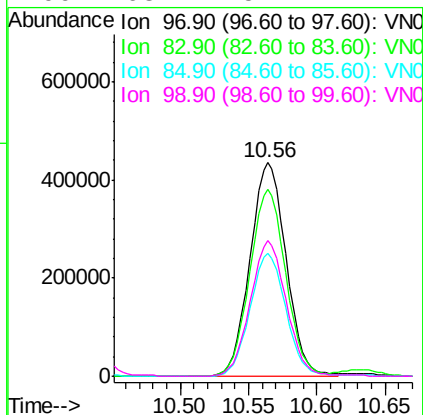
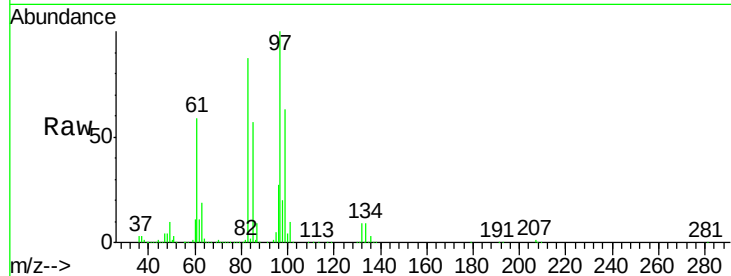


#55
 1,1,2-Trichloroethane
 Concen: 47.96 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion: 97 Resp: 799226

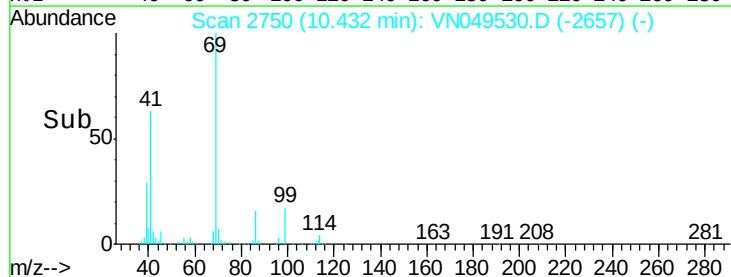
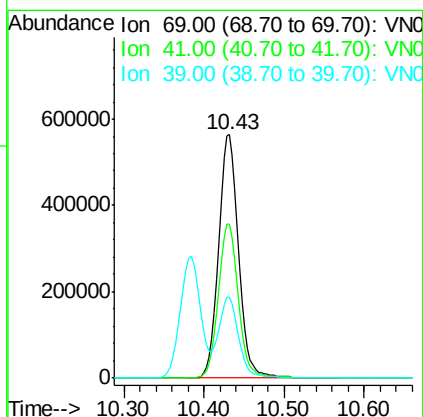
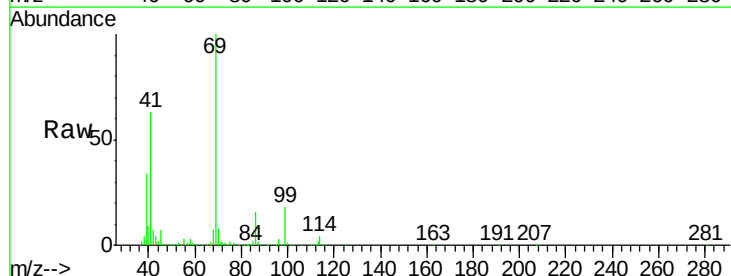
Ion	Ratio	Lower	Upper
97	100		
83	87.2	71.5	107.3
85	57.4	47.0	70.4
99	63.1	51.4	77.2

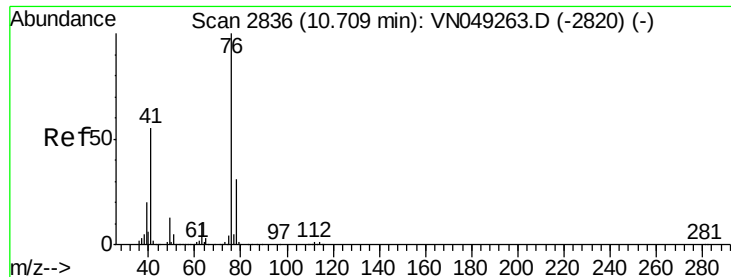


#56
 Ethyl methacrylate
 Concen: 50.91 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

Tgt Ion: 69 Resp: 978760

Ion	Ratio	Lower	Upper
69	100		
41	63.8	58.4	87.6
39	32.8	35.5	53.3#





#57

1,3-Dichloropropane

Concen: 49.13 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

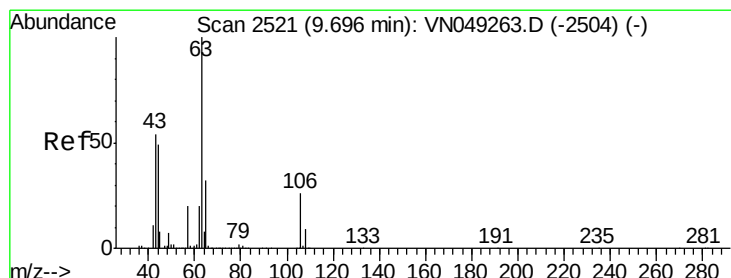
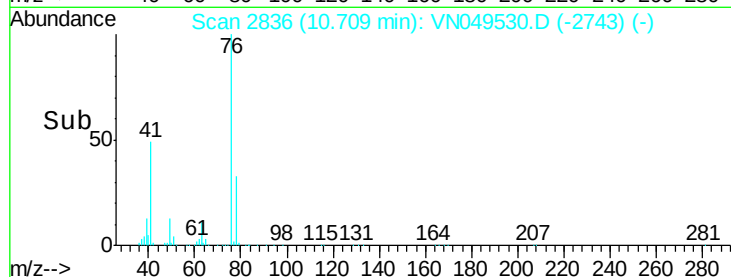
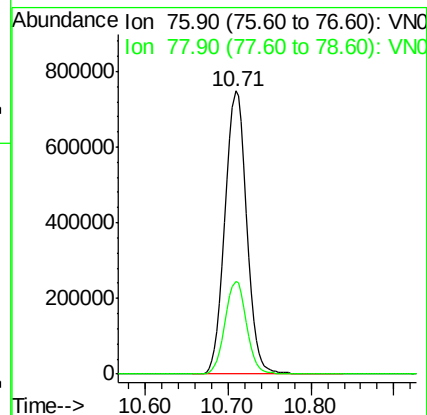
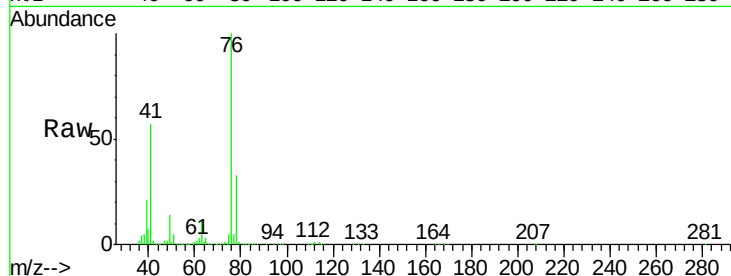
BFB

Tot Ion: 76 Resp: 1356455

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 212.05 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049530.D

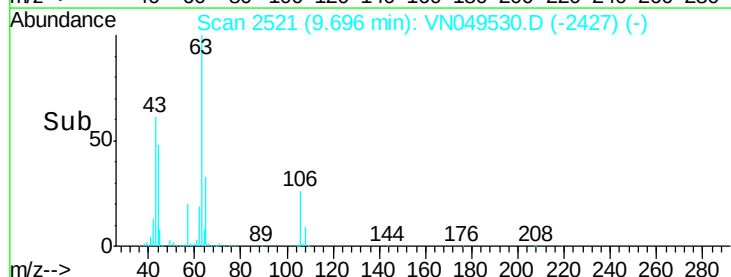
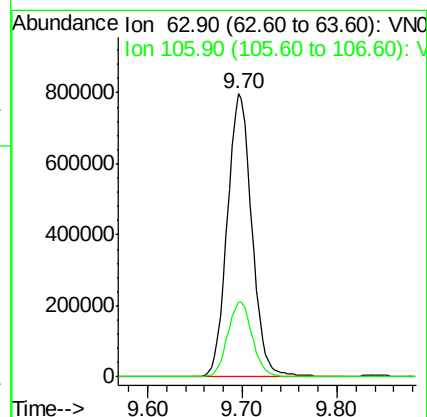
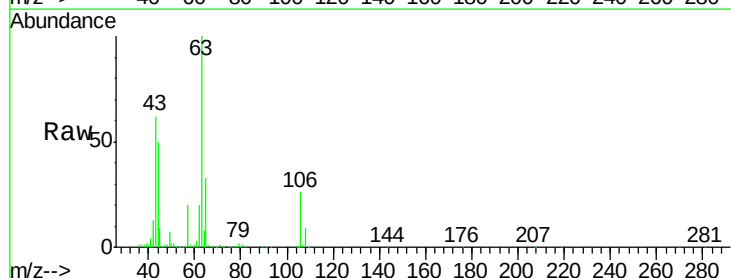
Acq: 26 Jun 2018 00:03

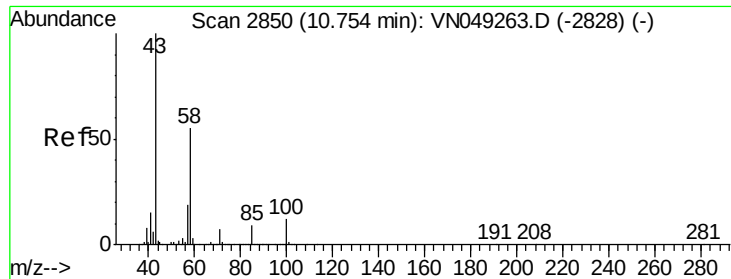
Tgt Ion: 63 Resp: 1441642

Ion Ratio Lower Upper

63 100

106 26.7 19.4 29.2





#59

2-Hexanone

Concen: 248.51 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

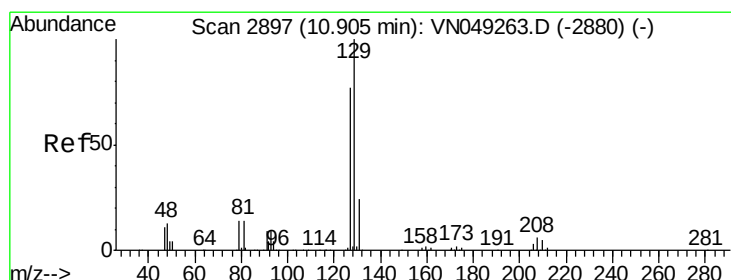
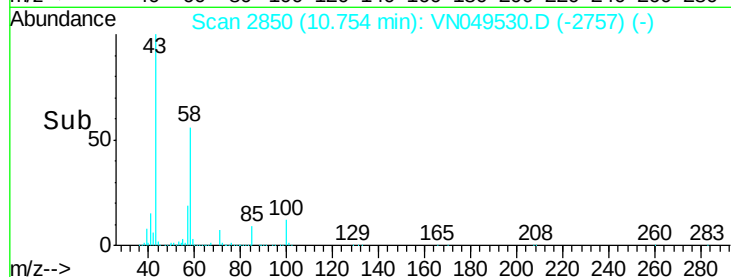
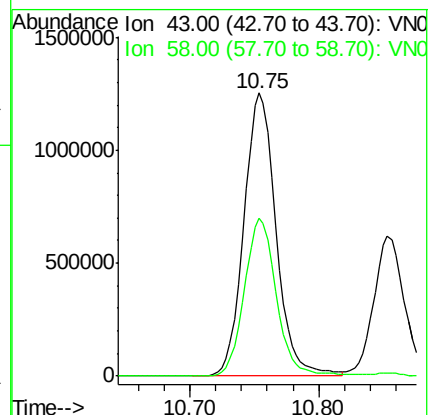
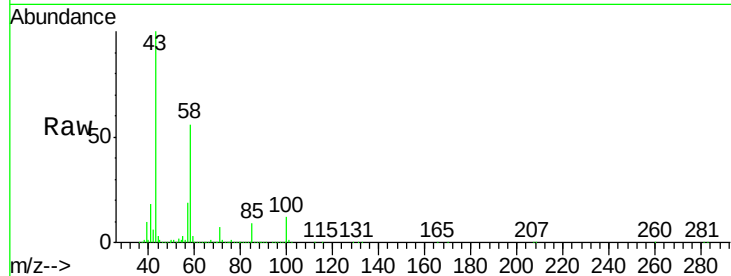
BFB

Tot Ion: 43 Resp: 2166810

Ion Ratio Lower Upper

43 100

58 55.7 25.2 75.6



#60

Dibromochloromethane

Concen: 49.82 ug/l

RT: 10.90 min Scan# 2896

Delta R.T. -0.00 min

Lab File: VN049530.D

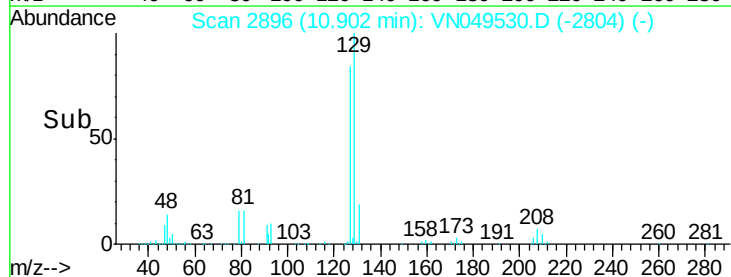
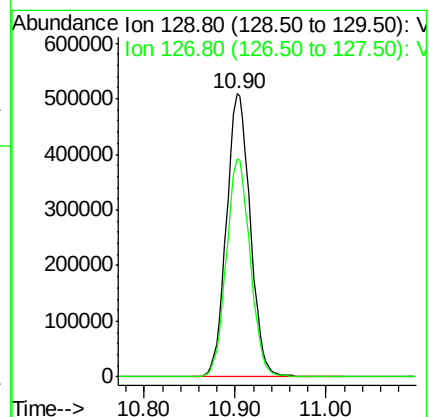
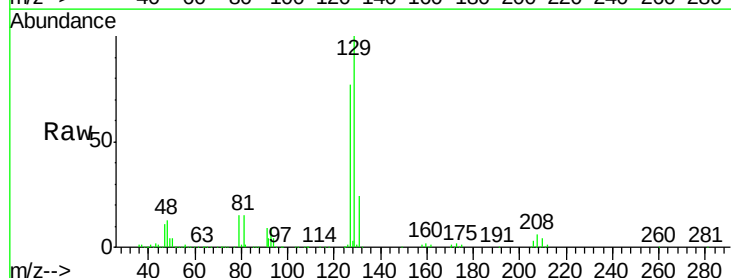
Acq: 26 Jun 2018 00:03

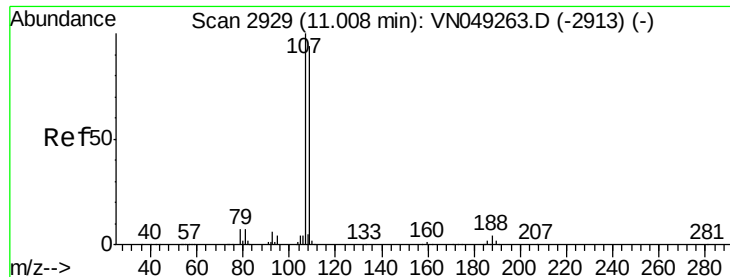
Tgt Ion: 129 Resp: 926729

Ion Ratio Lower Upper

129 100

127 77.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.76 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

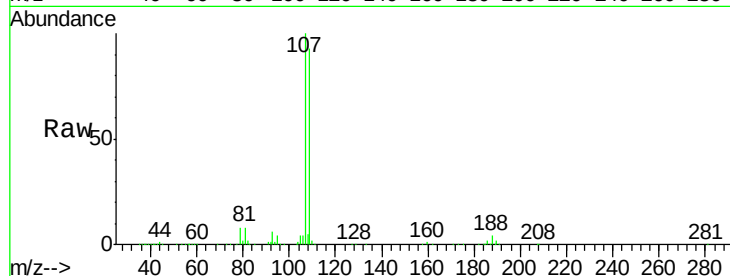
BFB

Tot Ion:107 Resp: 770779

Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

400000

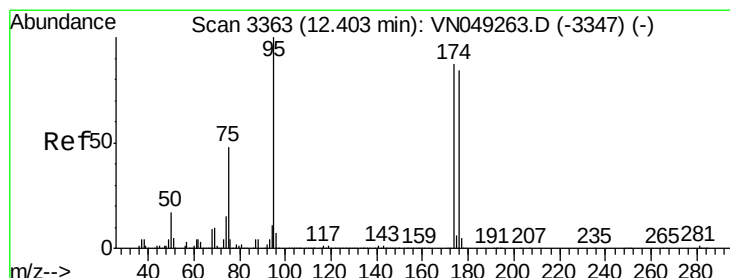
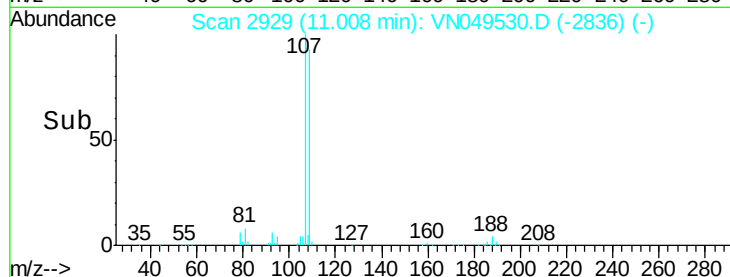
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 49.98 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

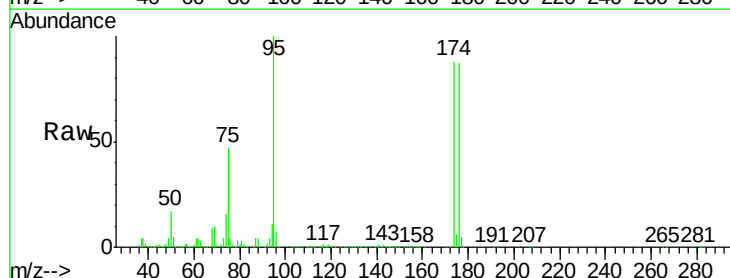
Tgt Ion: 95 Resp: 1103512

Ion Ratio Lower Upper

95 100

174 89.3 0.0 165.6

176 86.5 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

800000

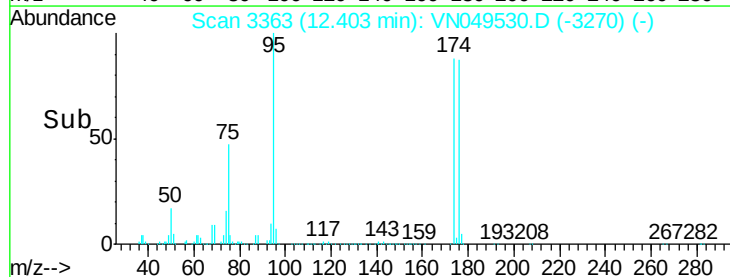
600000

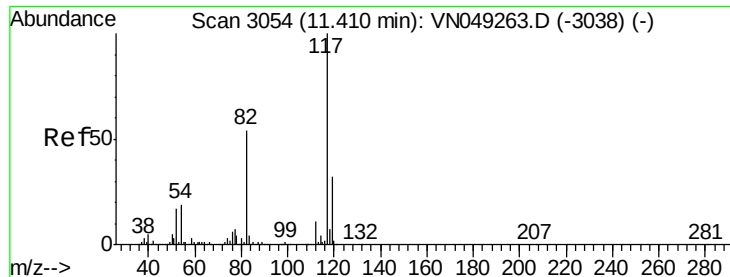
400000

200000

0

Time--> 12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

BFB

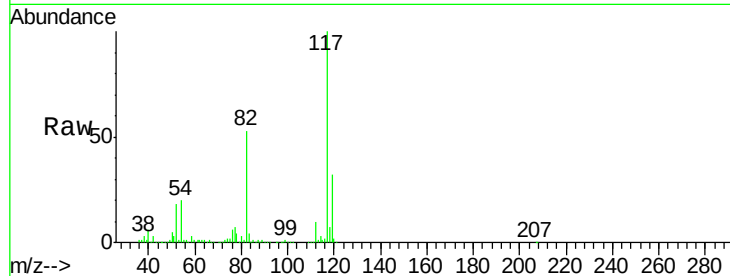
Tot Ion:117 Resp: 1994122

Ion Ratio Lower Upper

117 100

82 53.0 45.9 68.9

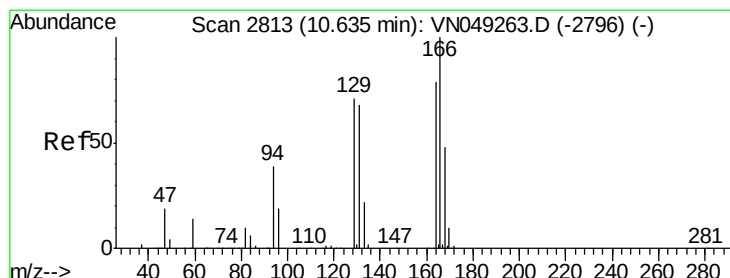
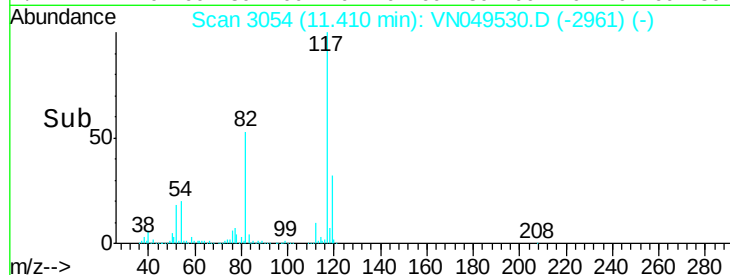
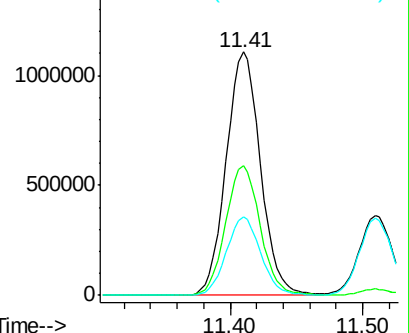
119 32.1 25.5 38.3



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: 52.76 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Tgt Ion:164 Resp: 1078090

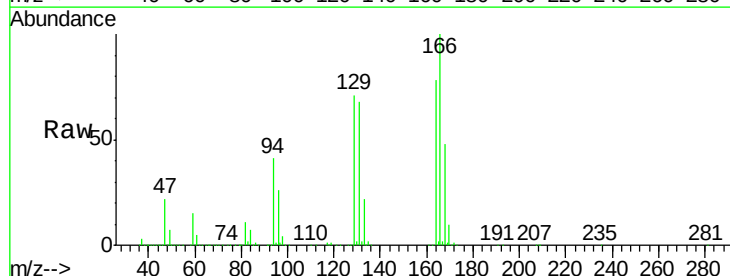
Ion Ratio Lower Upper

164 100

166 129.0 101.4 152.2

129 91.2 74.1 111.1

131 87.3 73.7 110.5

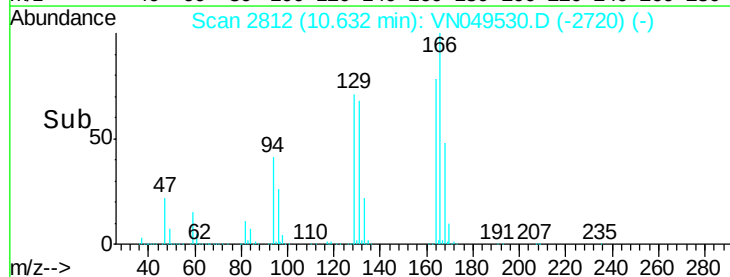
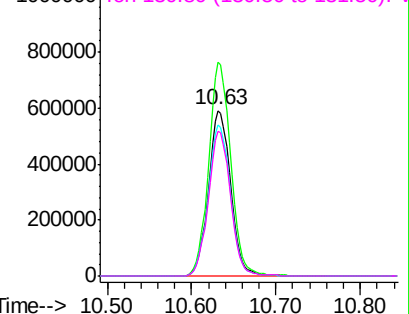


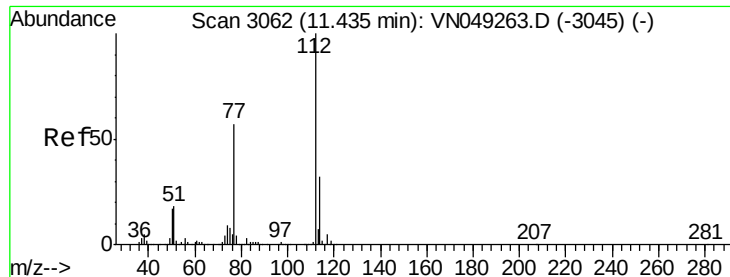
Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.12 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

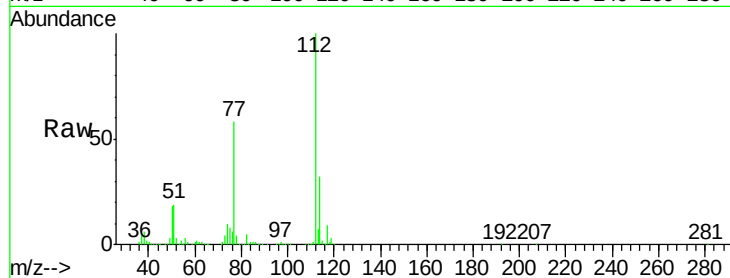
BFB

Tot Ion:112 Resp: 2471801

Ion Ratio Lower Upper

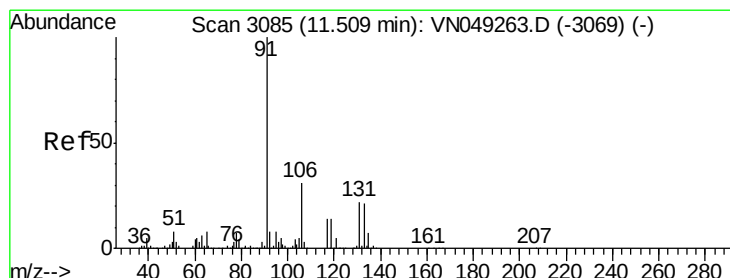
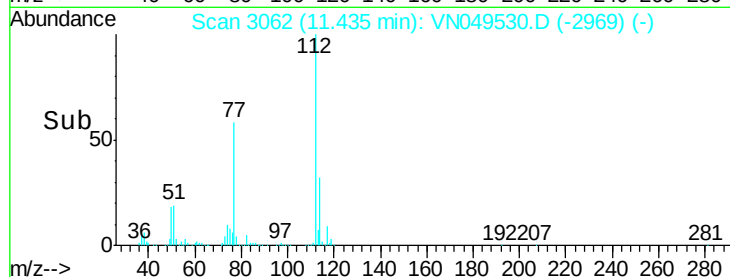
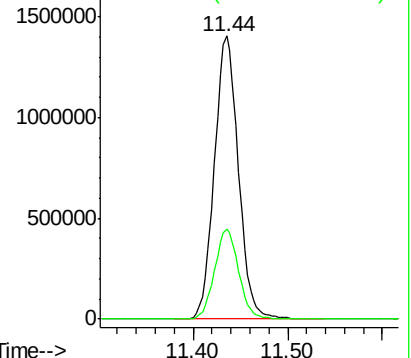
112 100

114 31.7 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.43 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

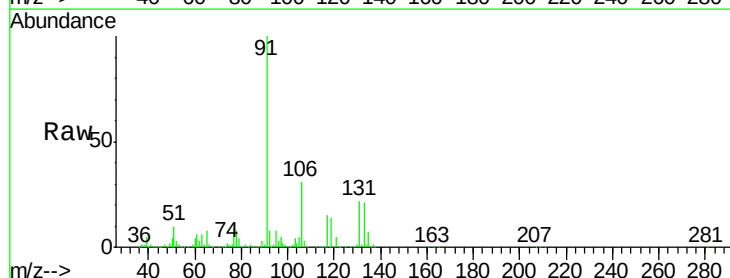
Tgt Ion:131 Resp: 936290

Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.2

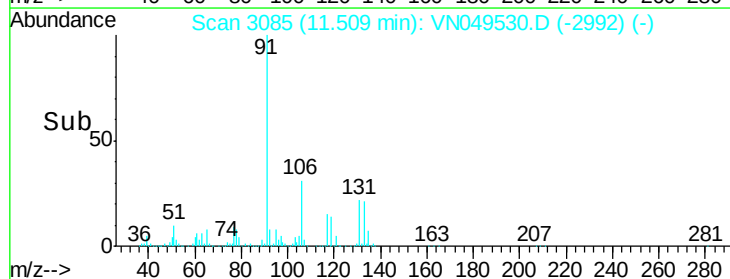
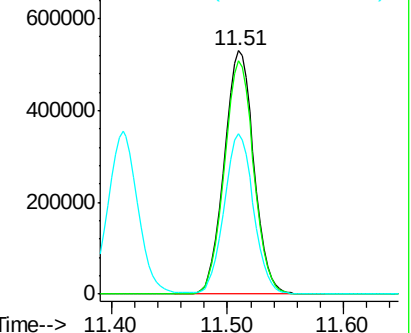
119 65.5 33.6 100.8

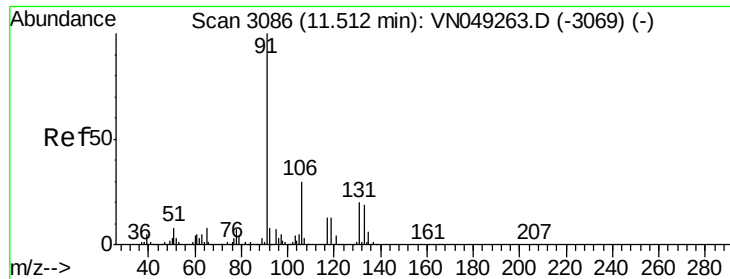


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.25 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

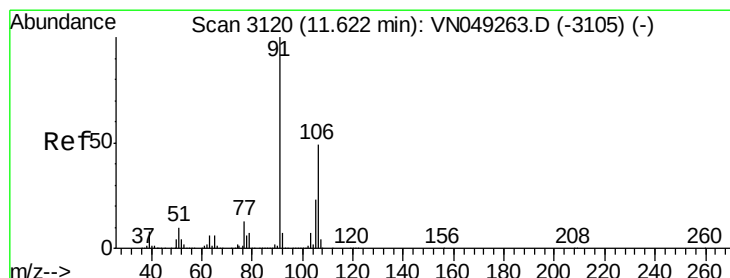
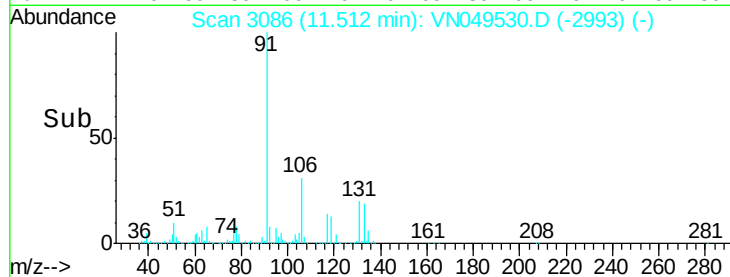
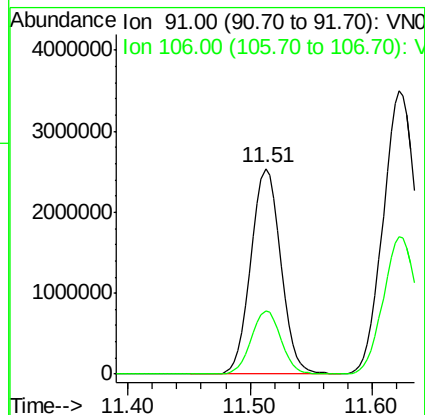
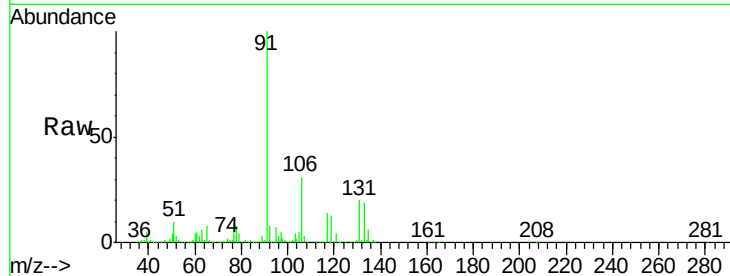
BFB

Tot Ion: 91 Resp: 4281689

Ion Ratio Lower Upper

91 100

106 30.7 23.9 35.9



#68

m/p-Xylenes

Concen: 102.59 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049530.D

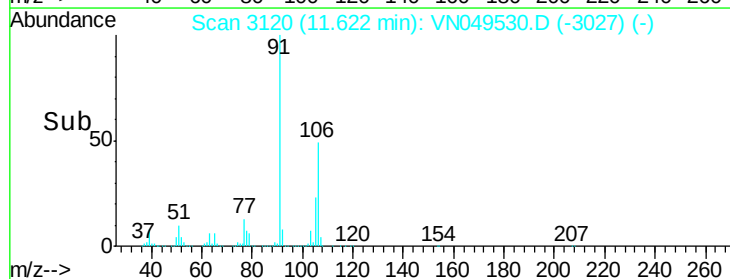
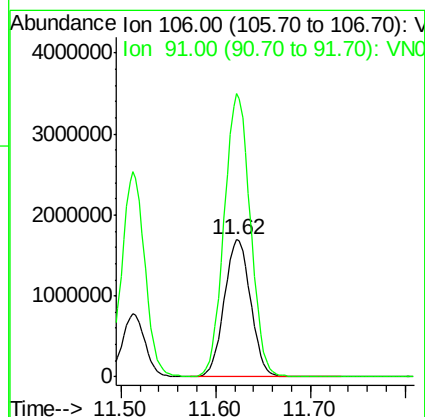
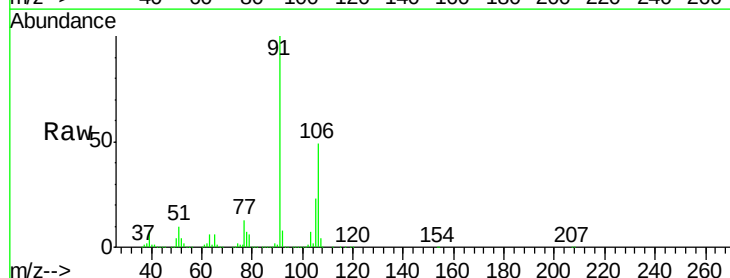
Acq: 26 Jun 2018 00:03

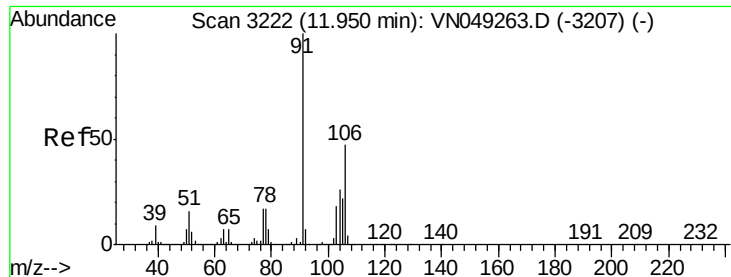
Tgt Ion: 106 Resp: 3280698

Ion Ratio Lower Upper

106 100

91 205.0 167.3 250.9





#69

o-Xylene

Concen: 51.22 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

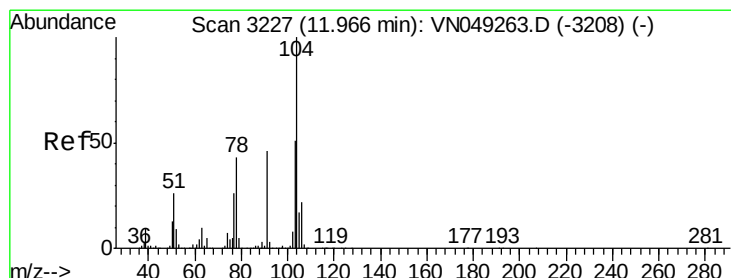
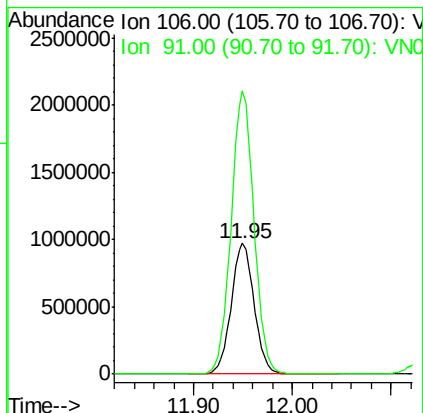
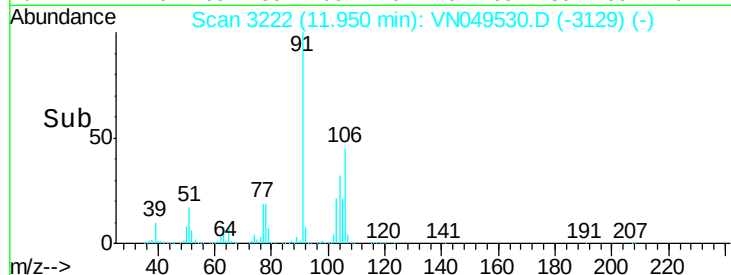
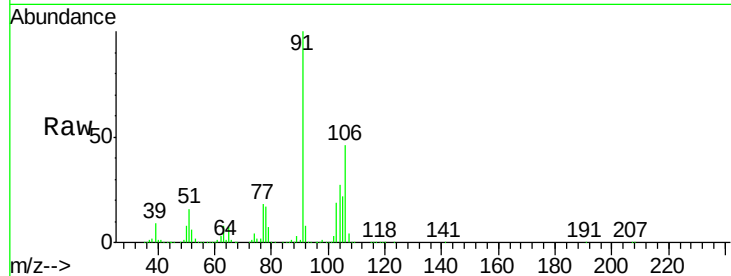
BFB

Tot Ion:106 Resp: 1577658

Ion Ratio Lower Upper

106 100

91 215.4 111.0 333.0



#70

Styrene

Concen: 52.17 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

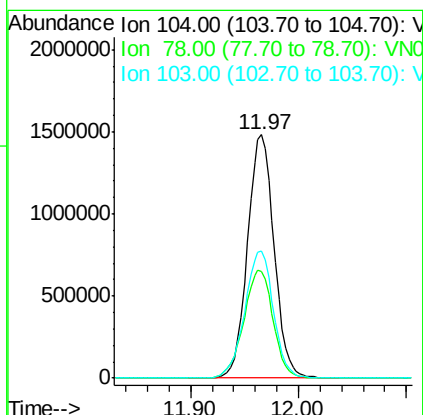
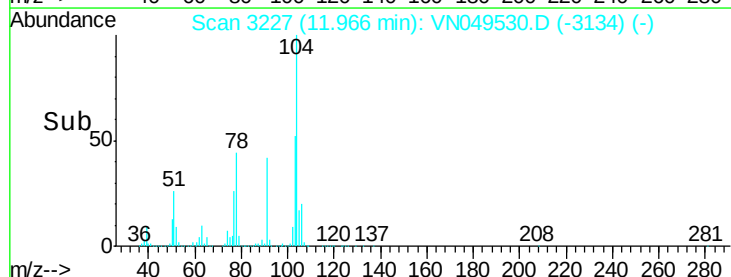
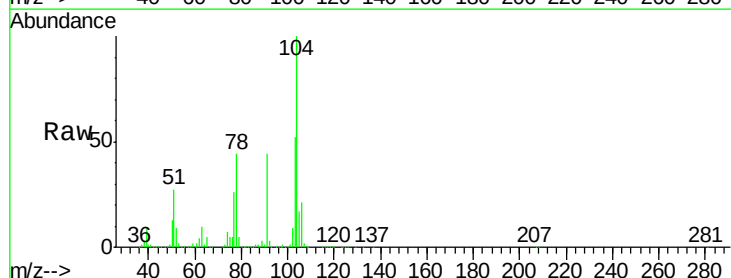
Tgt Ion:104 Resp: 2534987

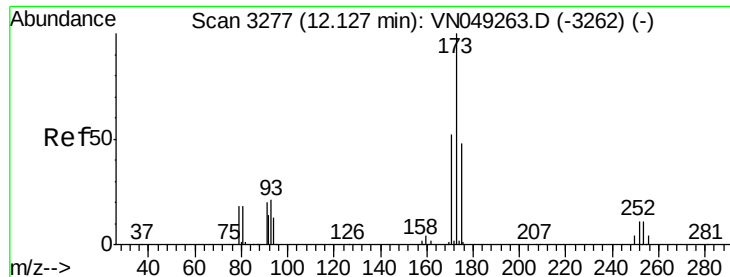
Ion Ratio Lower Upper

104 100

78 49.2 41.6 62.4

103 56.5 45.4 68.2





#71

Bromoform

Concen: 49.15 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

BFB

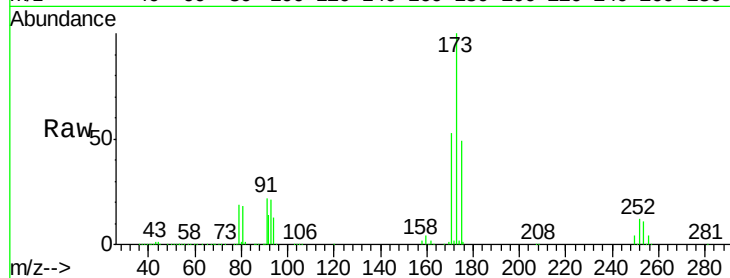
Tot Ion:173 Resp: 615085

Ion Ratio Lower Upper

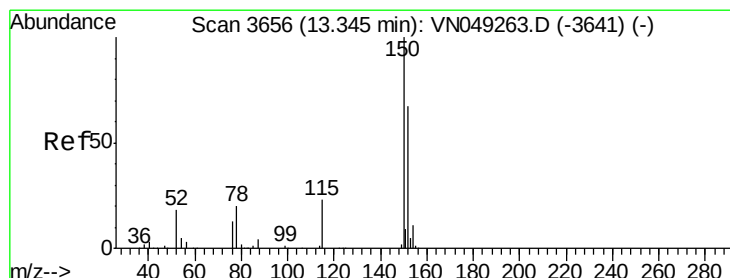
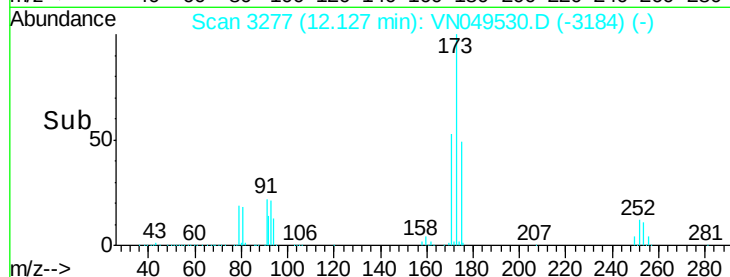
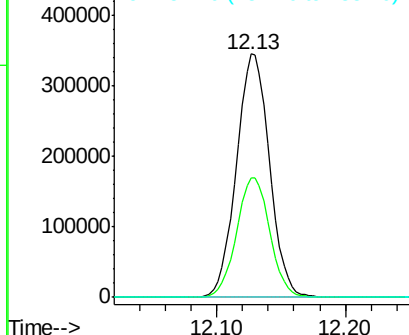
173 100

175 49.5 24.5 73.5

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

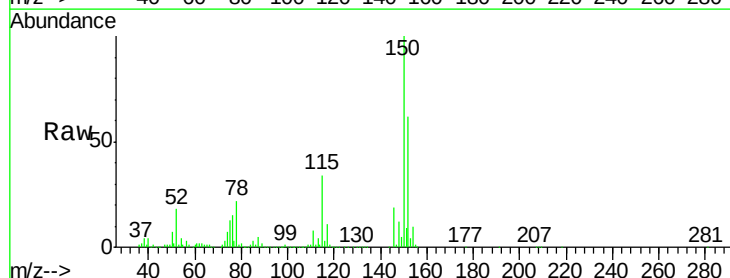
Tgt Ion:152 Resp: 1013785

Ion Ratio Lower Upper

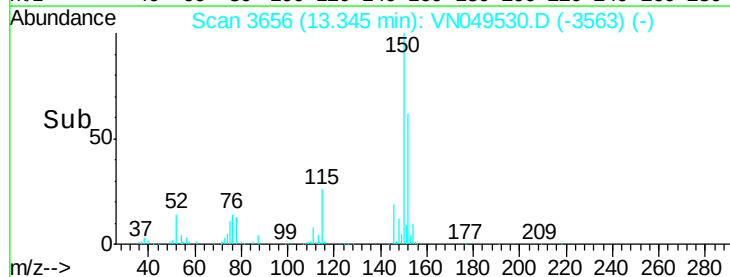
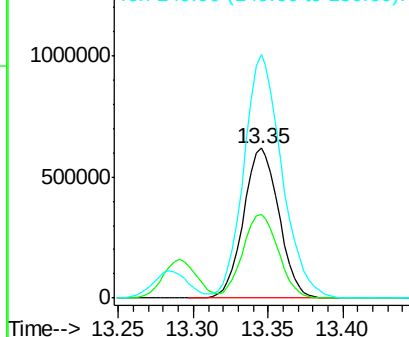
152 100

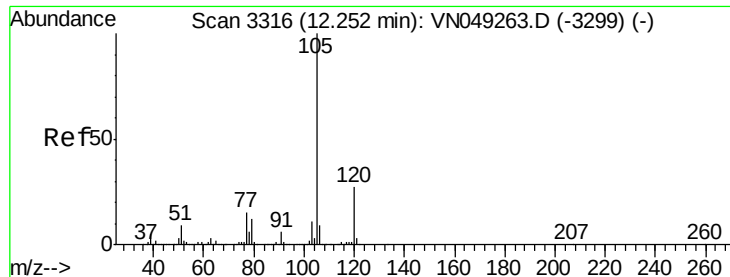
115 56.5 28.7 86.1

150 175.3 0.0 351.0



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: 47.55 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

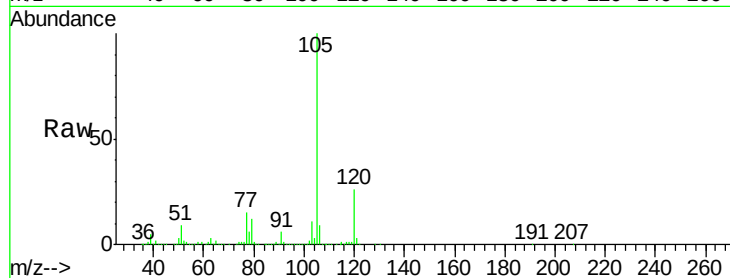
BFB

Tot Ion:105 Resp: 4232458

Ion Ratio Lower Upper

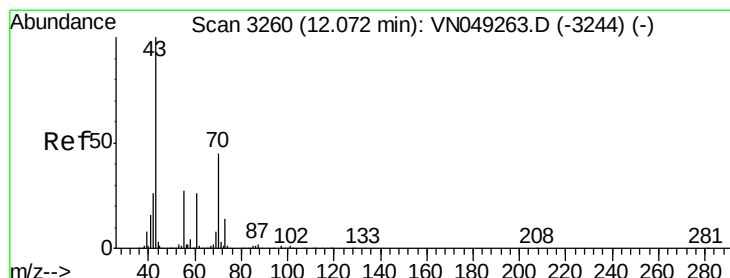
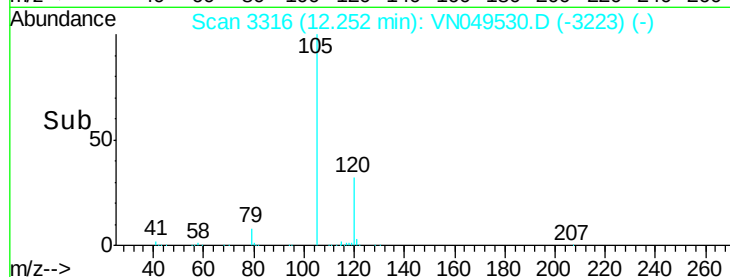
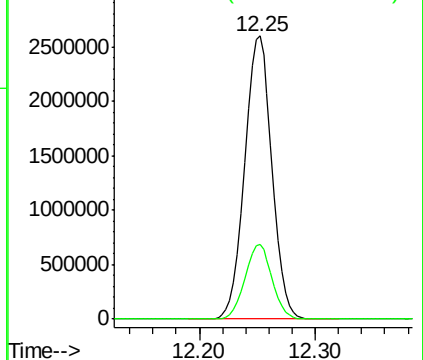
105 100

120 26.3 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.60 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Tgt Ion: 43 Resp: 1037878

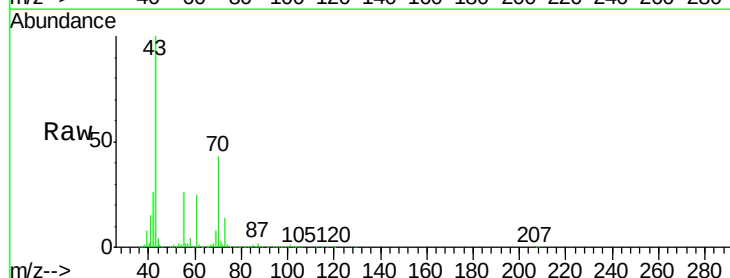
Ion Ratio Lower Upper

43 100

70 44.0 30.3 45.5

55 26.5 19.4 29.2

61 24.6 17.8 26.6

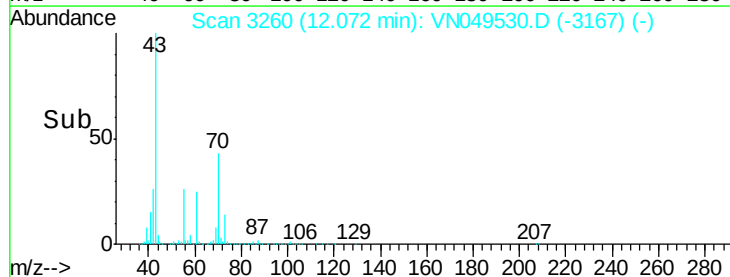
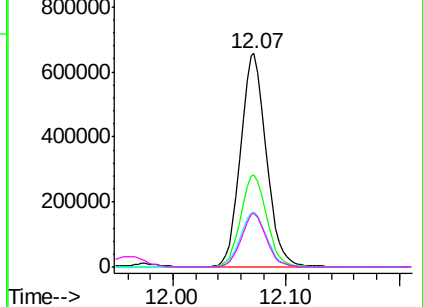


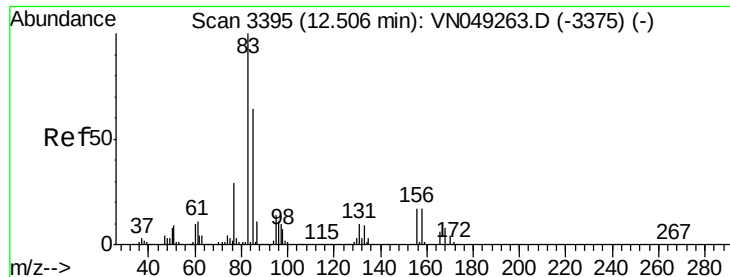
Abundance Ion 43.00 (42.70 to 43.70): V

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: 48.75 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampleId :

BFB

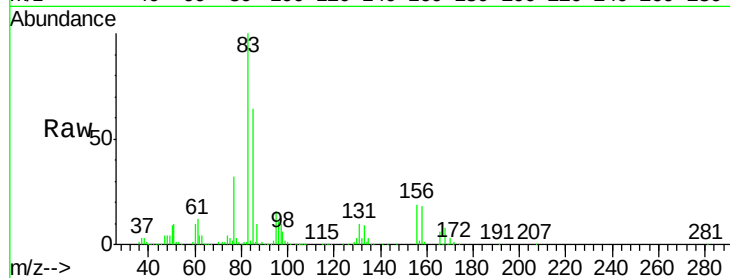
Tot Ion: 83 Resp: 893761

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

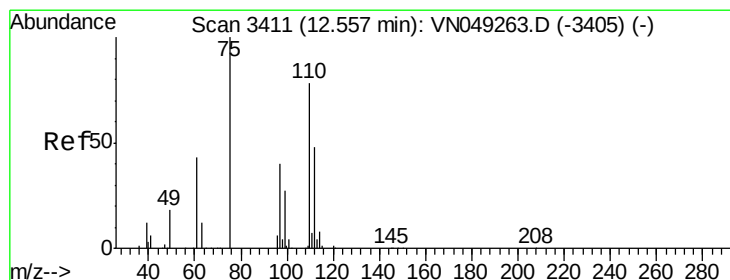
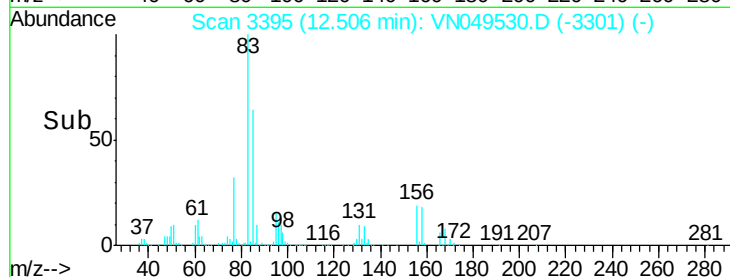
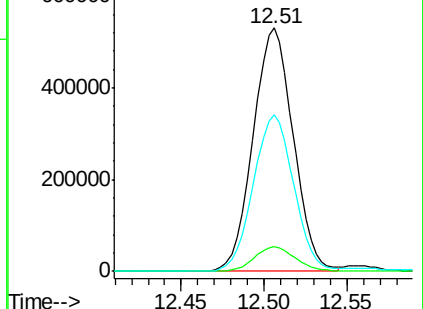
85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN049530.D (-3301) (-)

Ion 130.80 (130.50 to 131.50): VN049530.D (-3301) (-)

Ion 84.90 (84.60 to 85.60): VN049530.D (-3301) (-)



#76

1,2,3-Trichloropropane

Concen: 66.51 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049530.D

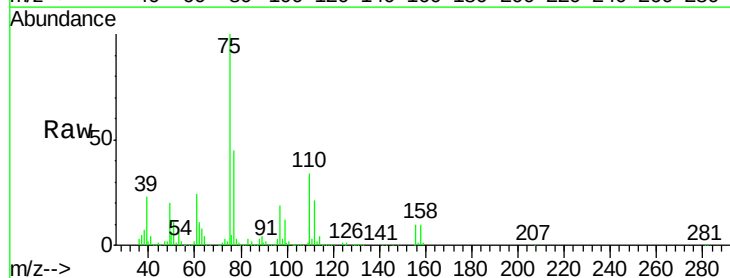
Acq: 26 Jun 2018 00:03

Tgt Ion: 75 Resp: 1150397

Ion Ratio Lower Upper

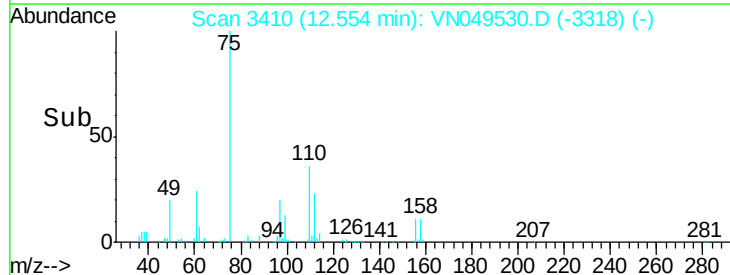
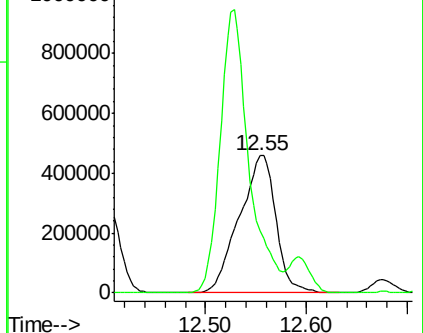
75 100

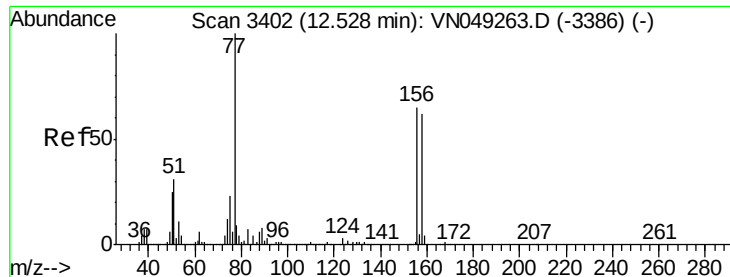
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049530.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049530.D (-3318) (-)





#77

Bromobenzene

Concen: 44.98 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

BFB

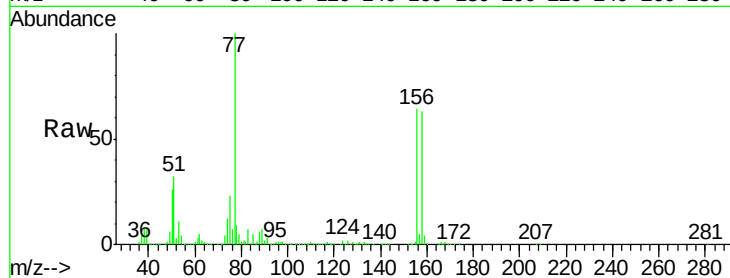
Tot Ion:156 Resp: 1057555

Ion Ratio Lower Upper

156 100

77 178.7 100.8 302.4

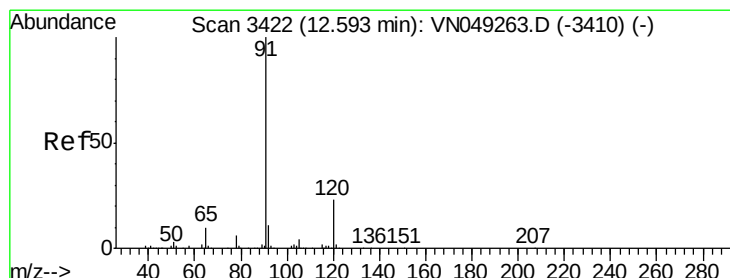
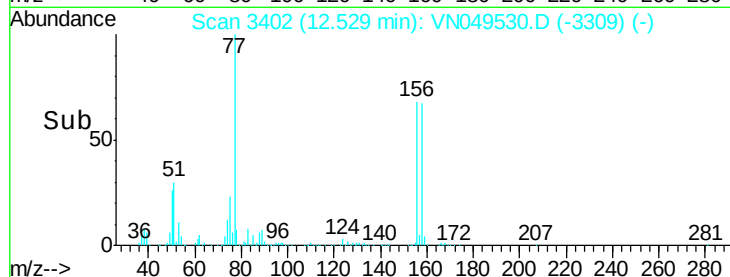
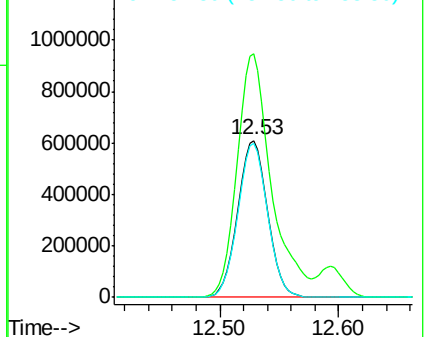
158 97.9 49.3 147.9



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: 49.07 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049530.D

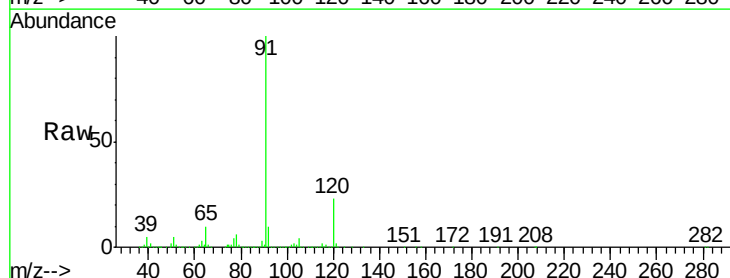
Acq: 26 Jun 2018 00:03

Tgt Ion: 91 Resp: 4796233

Ion Ratio Lower Upper

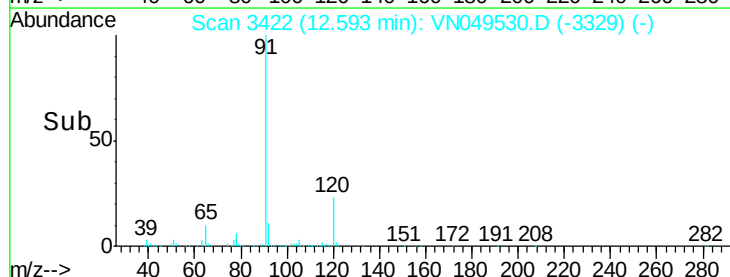
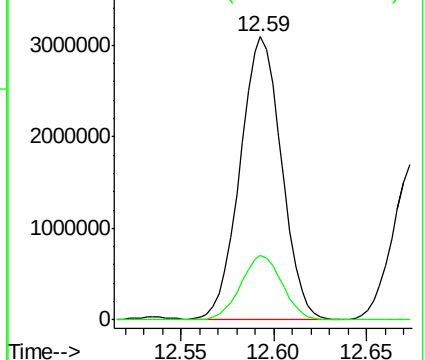
91 100

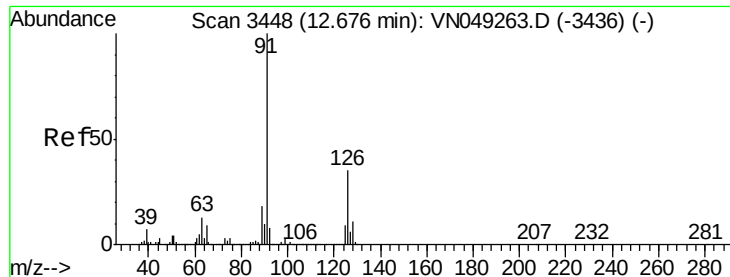
120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.40 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

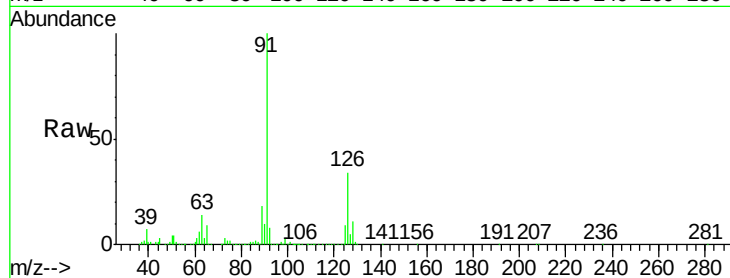
BFB

Tot Ion: 91 Resp: 2873639

Ion Ratio Lower Upper

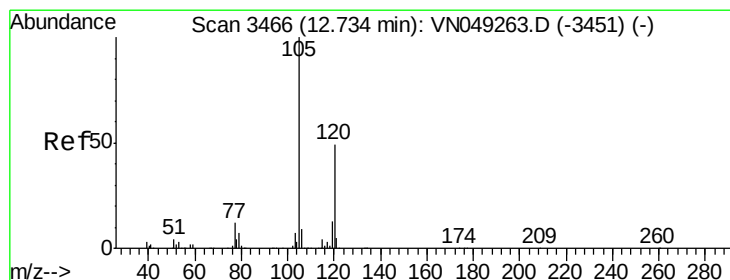
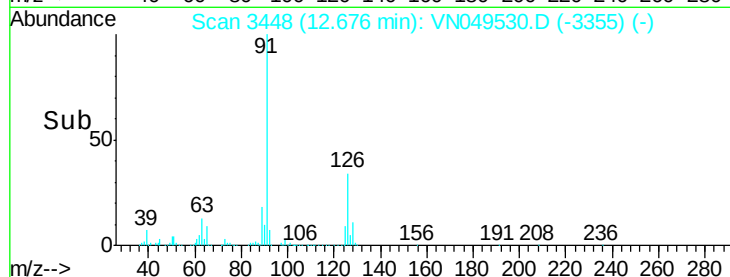
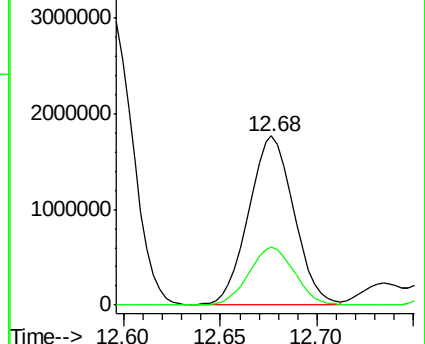
91 100

126 34.7 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN049263.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.33 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049530.D

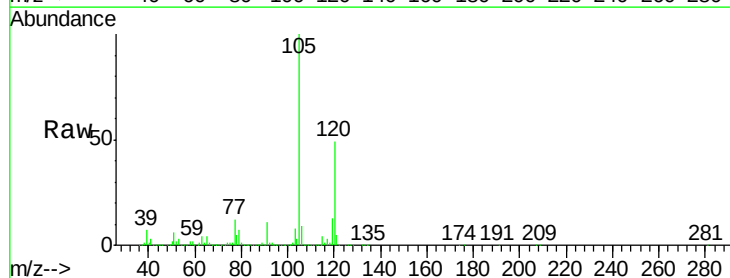
Acq: 26 Jun 2018 00:03

Tgt Ion:105 Resp: 3451316

Ion Ratio Lower Upper

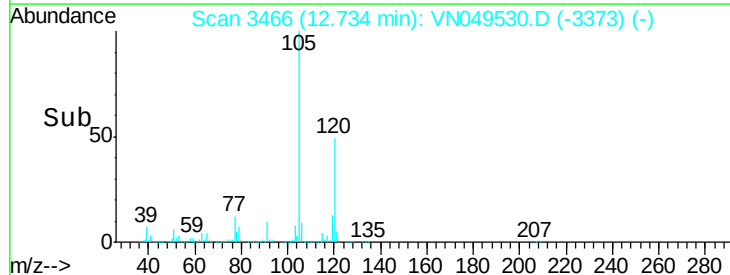
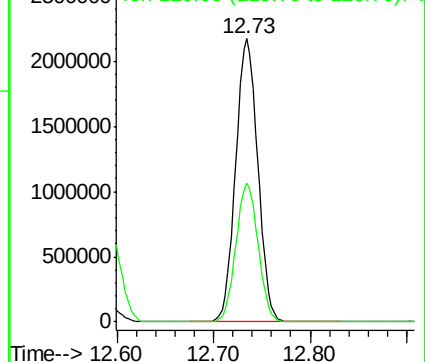
105 100

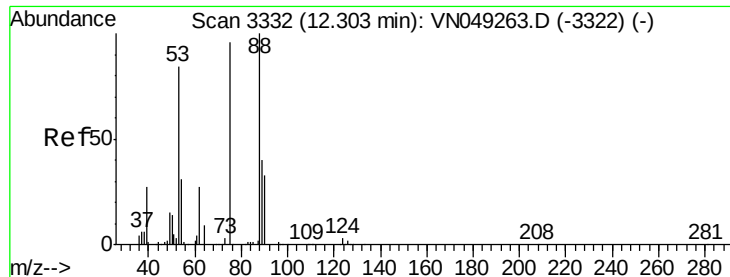
120 49.2 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN049263.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.15 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

BFB

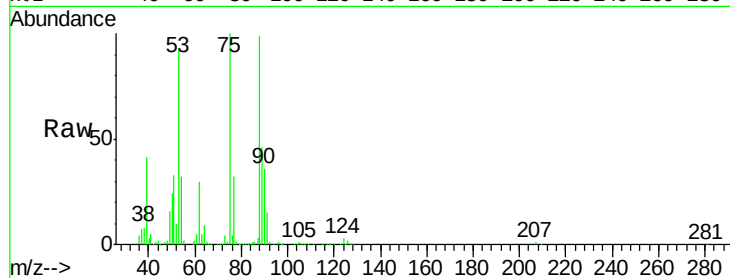
Tot Ion: 75 Resp: 241621

Ion Ratio Lower Upper

75 100

53 92.6 82.7 124.1

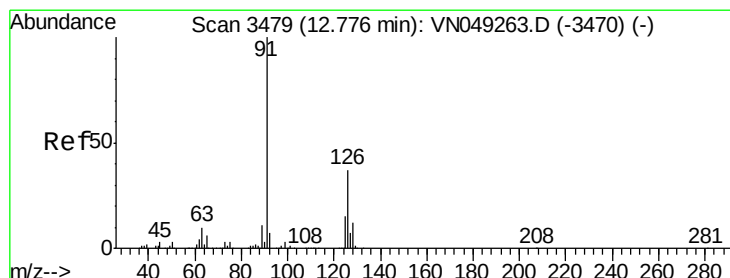
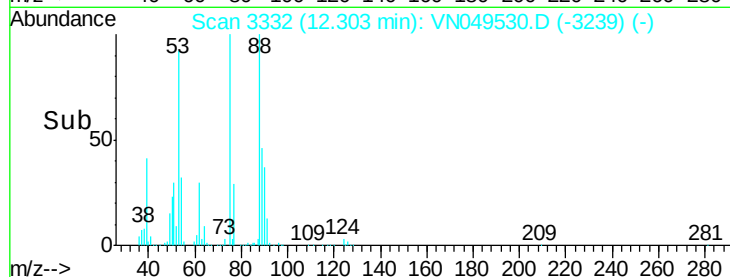
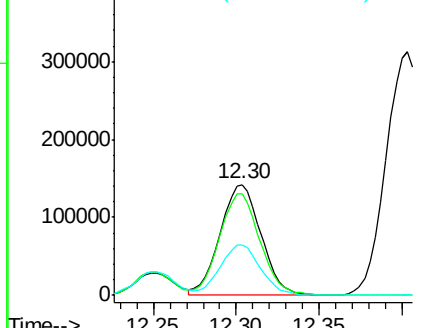
89 45.8 36.5 54.7



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: 47.62 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN049530.D

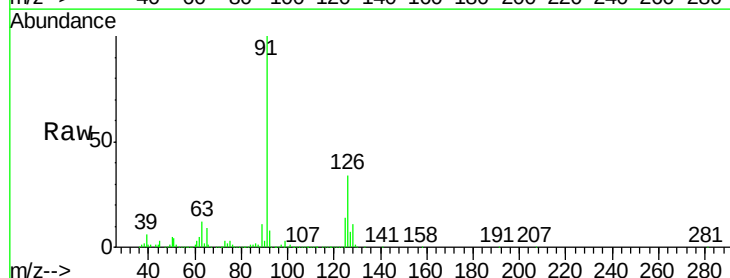
Acq: 26 Jun 2018 00:03

Tgt Ion: 91 Resp: 2844733

Ion Ratio Lower Upper

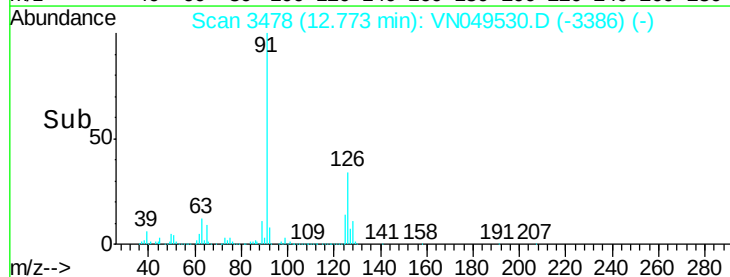
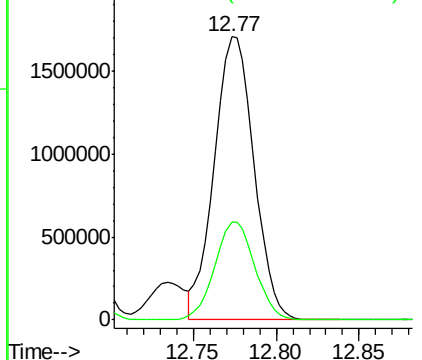
91 100

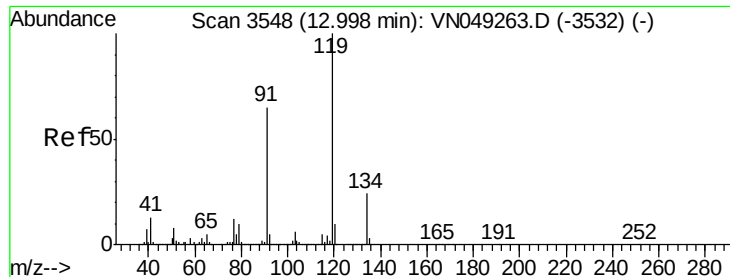
126 34.7 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 47.06 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

BFB

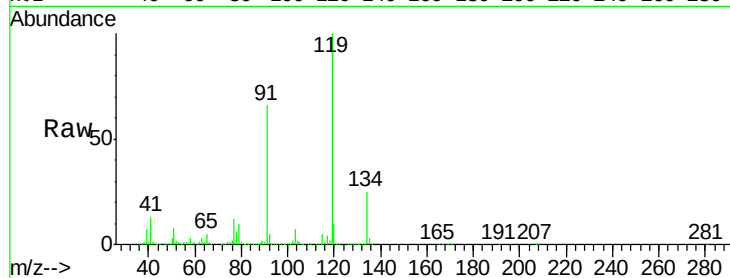
Tot Ion:119 Resp: 2916991

Ion Ratio Lower Upper

119 100

91 64.6 33.7 101.0

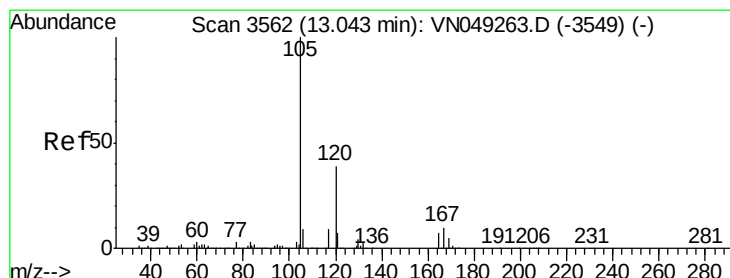
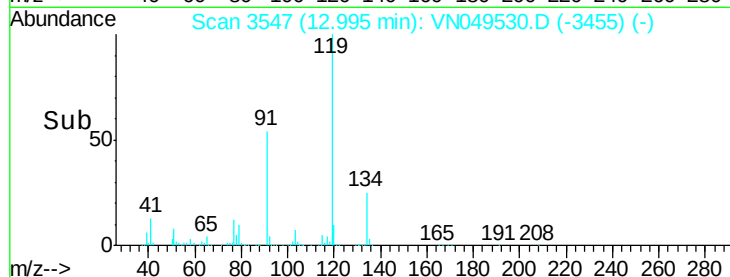
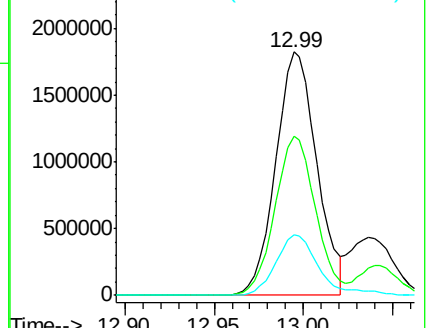
134 26.0 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.39 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049530.D

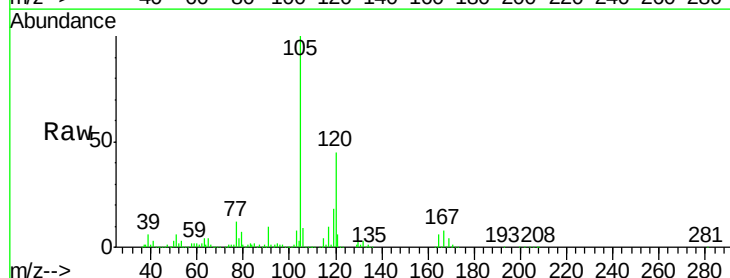
Acq: 26 Jun 2018 00:03

Tgt Ion:105 Resp: 3502519

Ion Ratio Lower Upper

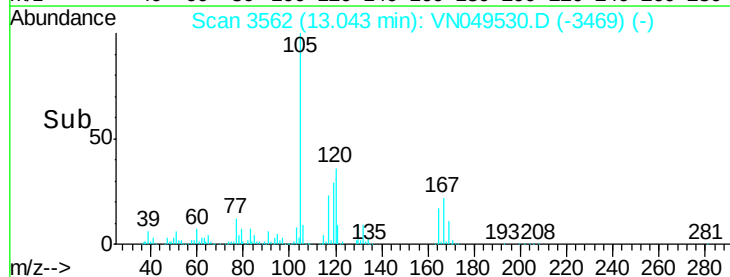
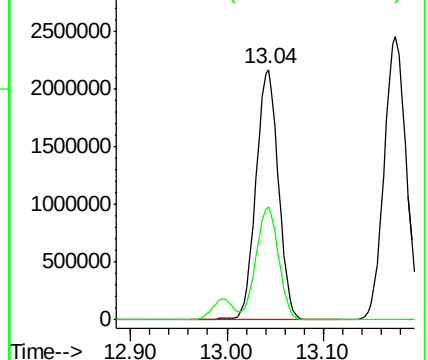
105 100

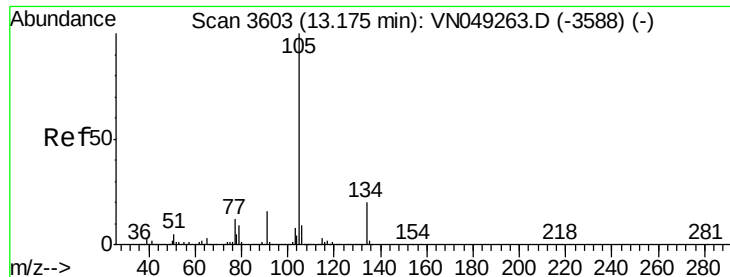
120 45.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.22 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

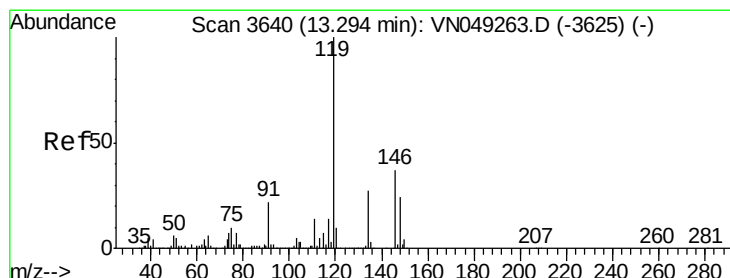
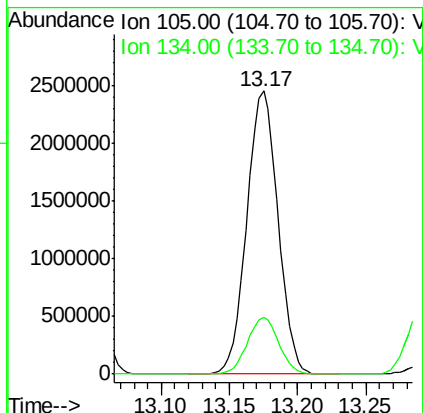
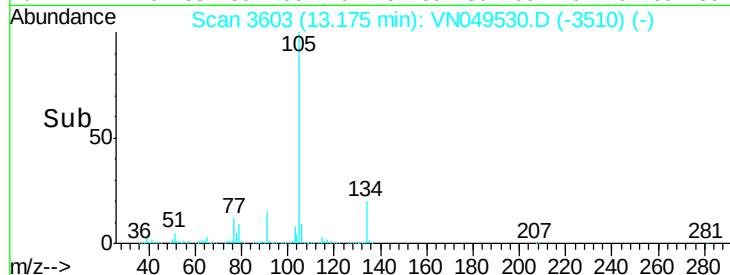
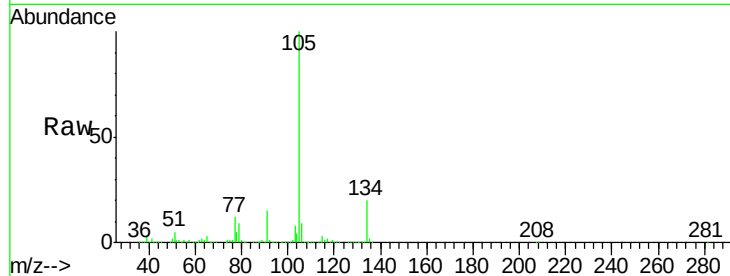
BFB

Tot Ion:105 Resp: 3895594

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 48.81 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

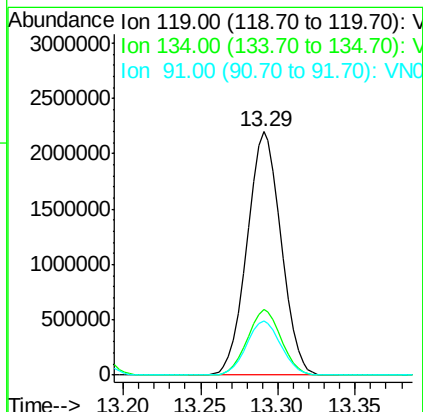
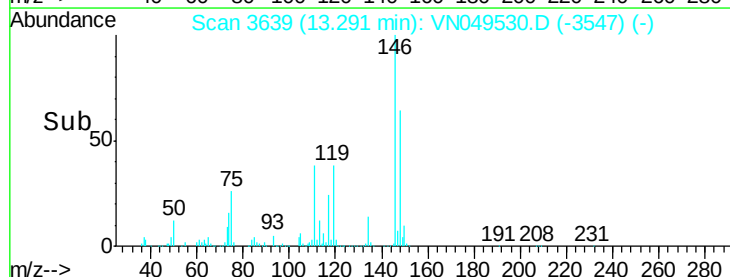
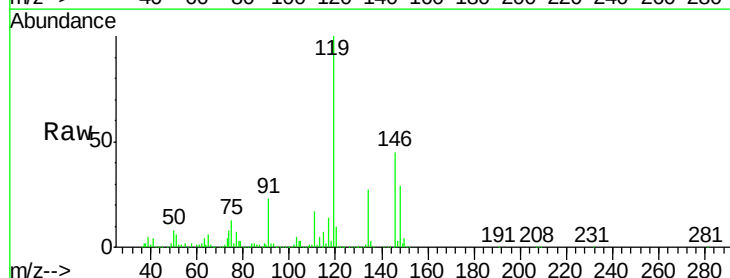
Tgt Ion:119 Resp: 3364563

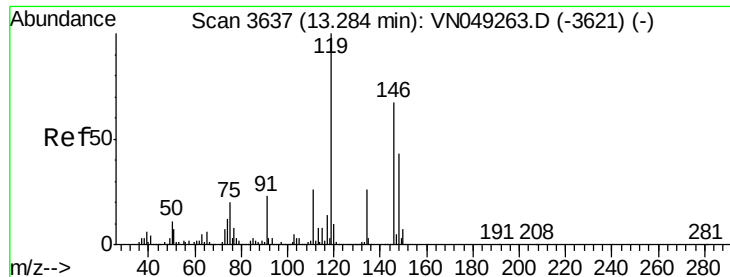
Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

91 22.5 12.1 36.3

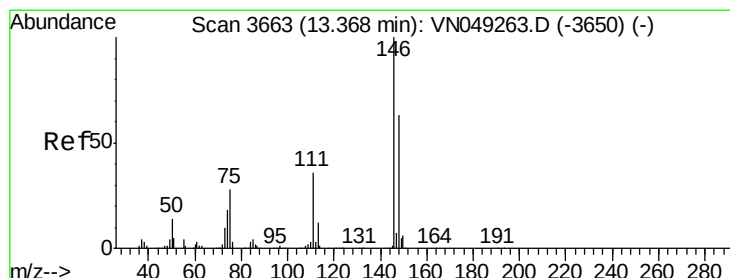
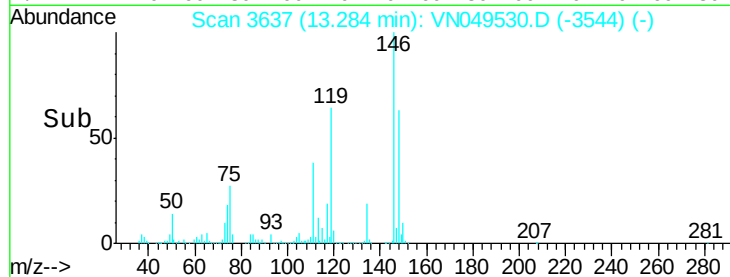
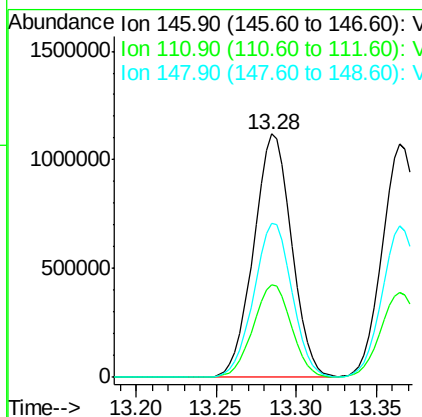
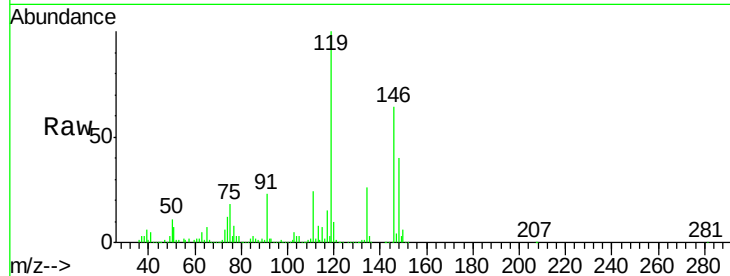




#87
 1,3-Dichlorobenzene
 Concen: 47.50 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

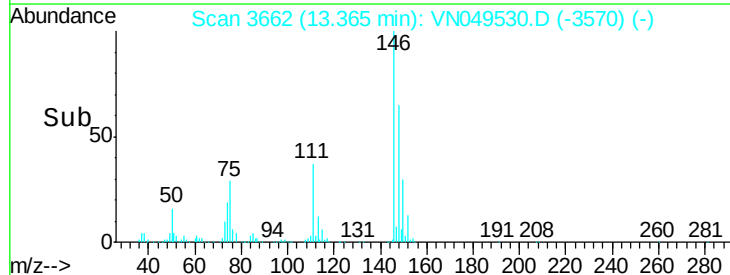
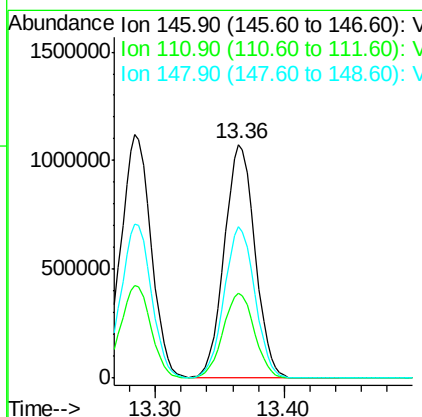
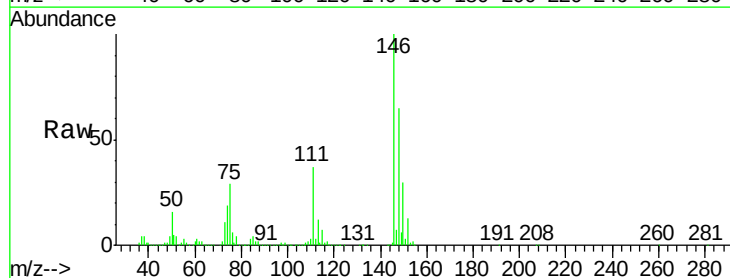
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

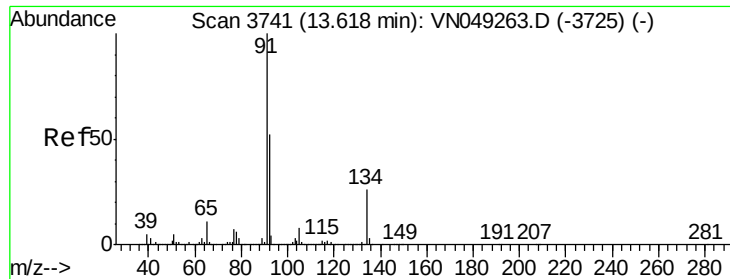
Tot Ion:146 Resp: 1837447
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.9 59.6
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 46.16 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

Tgt Ion:146 Resp: 1769642
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.1 57.1
 148 64.7 32.0 96.2

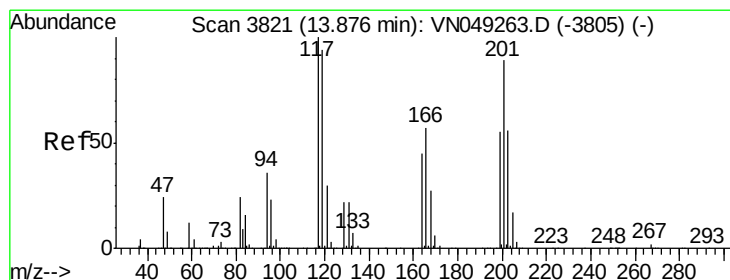
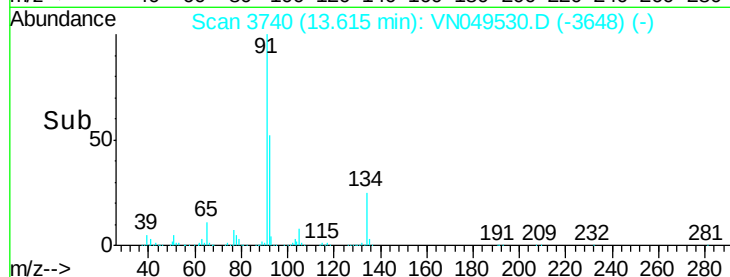
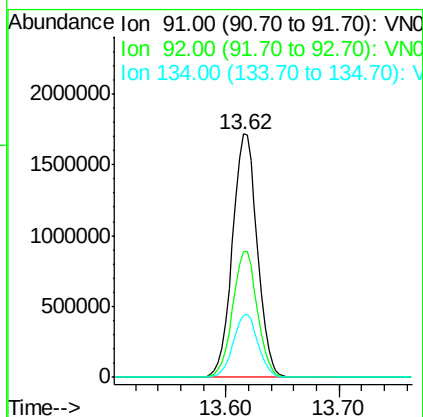
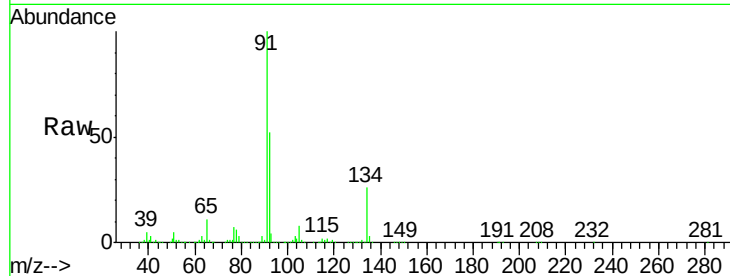




#89
n-Butylbenzene
Concen: 48.57 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

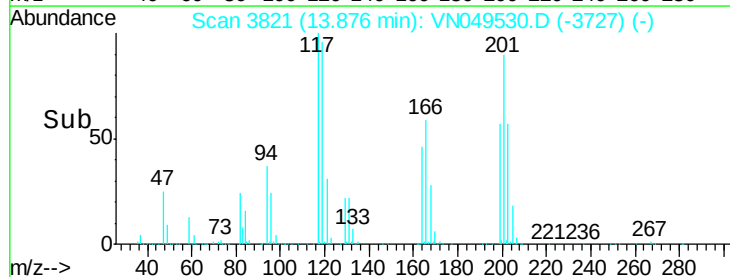
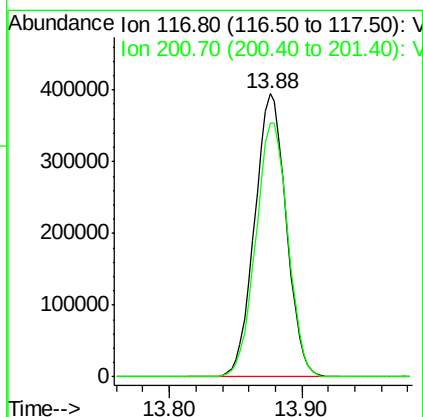
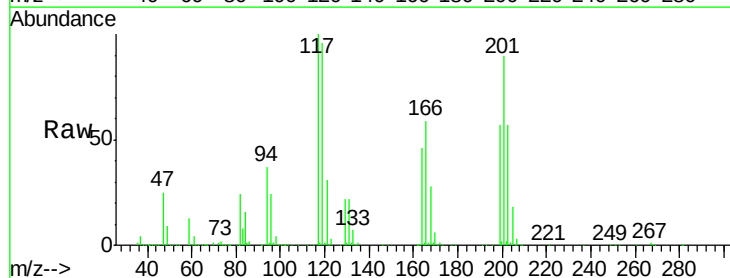
Instrument :
MSVOA_N
ClientSampleId :
BFB

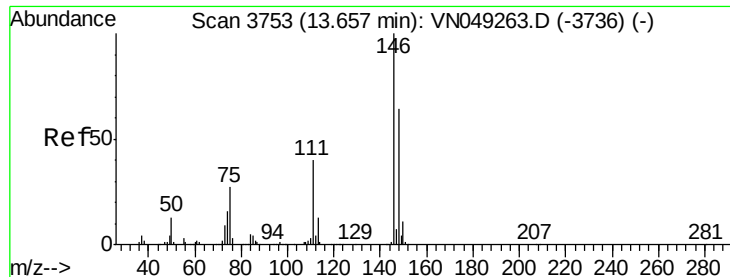
Tot Ion: 91 Resp: 2614983
Ion Ratio Lower Upper
91 100
92 51.5 25.1 75.4
134 25.8 12.0 36.0



#90
Hexachloroethane
Concen: 50.15 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

Tgt Ion: 117 Resp: 654092
Ion Ratio Lower Upper
117 100
201 91.1 40.1 120.2





#91

1,2-Dichlorobenzene

Concen: 47.18 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

Instrument :

MSVOA_N

ClientSampled :

BFB

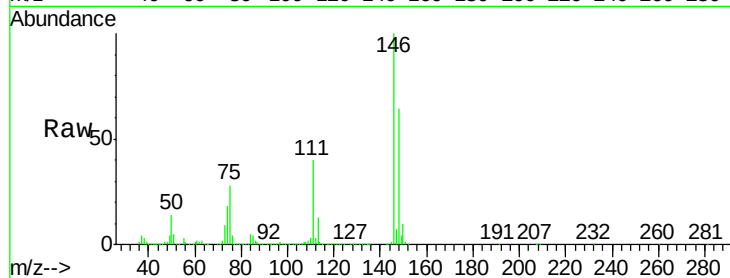
Tot Ion:146 Resp: 1789746

Ion Ratio Lower Upper

146 100

111 40.1 20.8 62.2

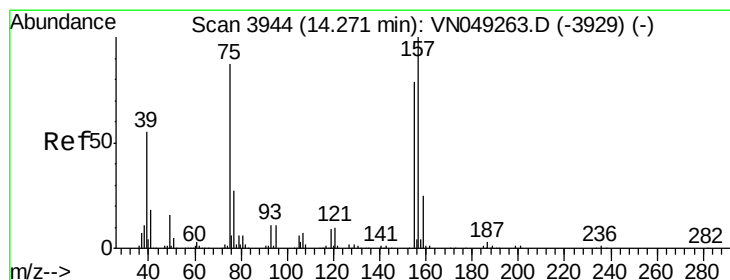
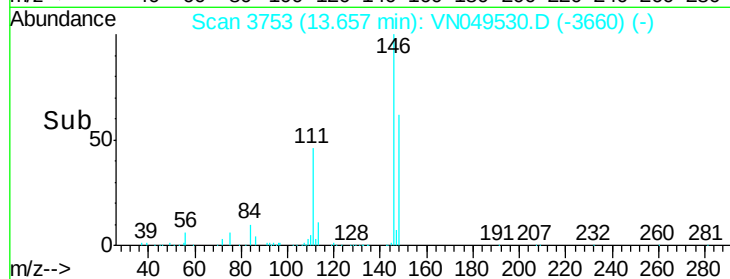
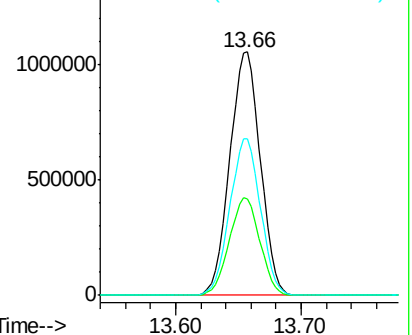
148 64.5 32.0 96.2



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: 43.34 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049530.D

Acq: 26 Jun 2018 00:03

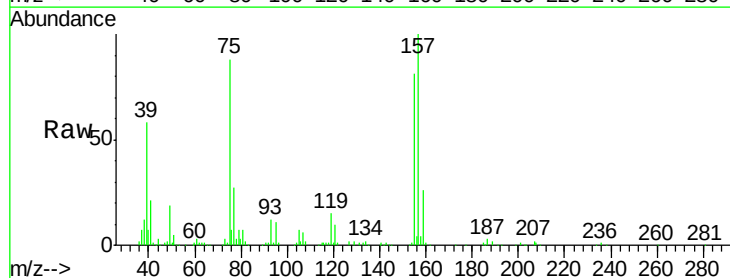
Tgt Ion: 75 Resp: 134297

Ion Ratio Lower Upper

75 100

155 90.7 38.8 116.3

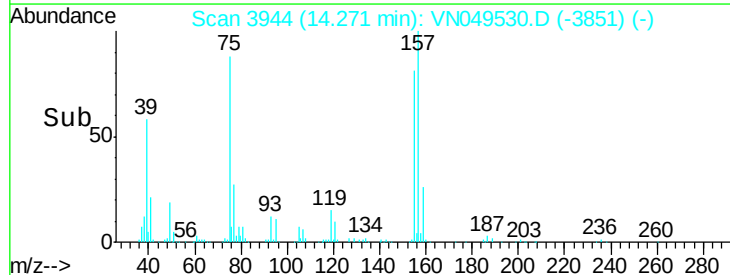
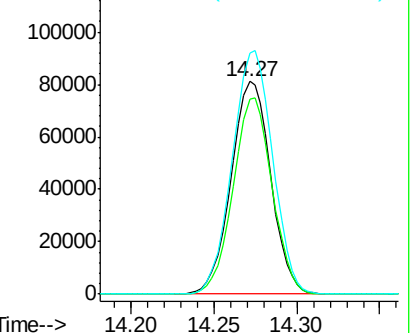
157 117.2 51.0 153.1

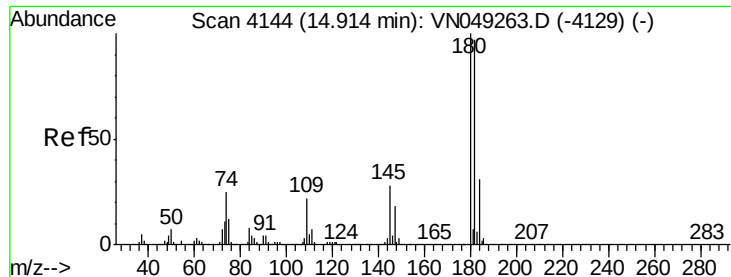


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

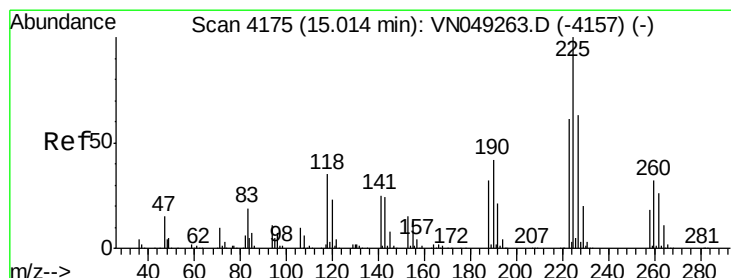
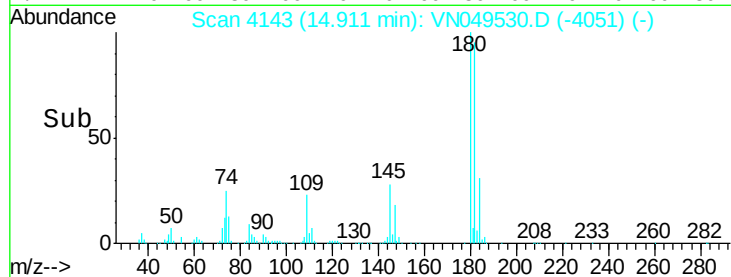
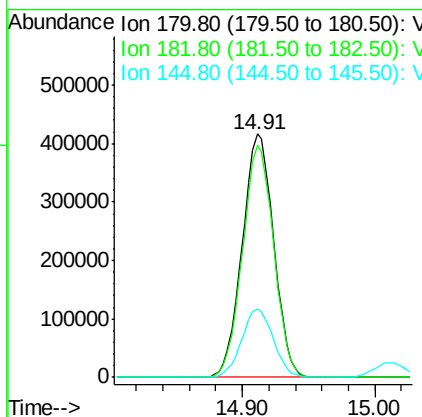
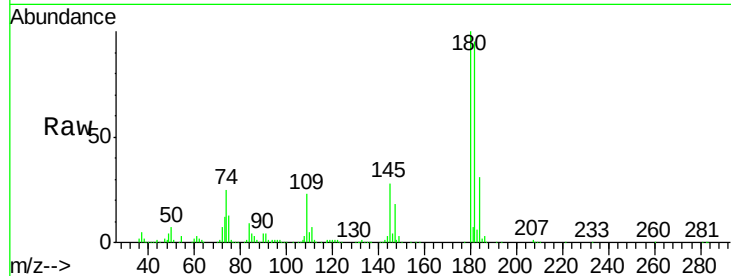




#93
 1,2,4-Trichlorobenzene
 Concen: 40.35 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

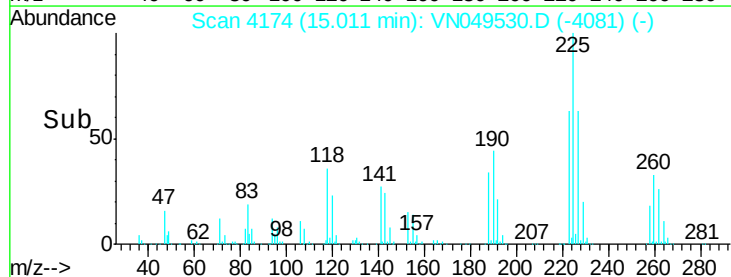
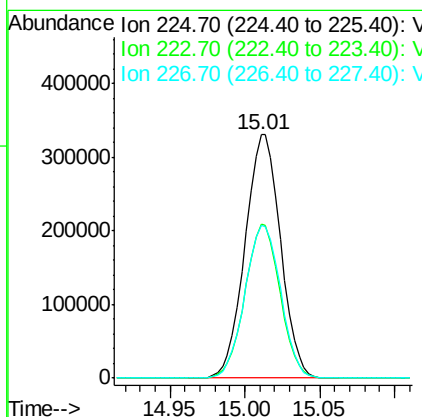
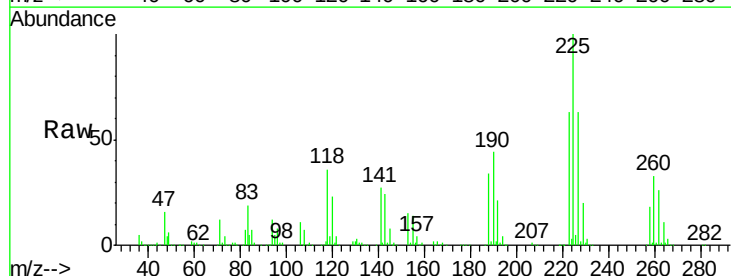
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

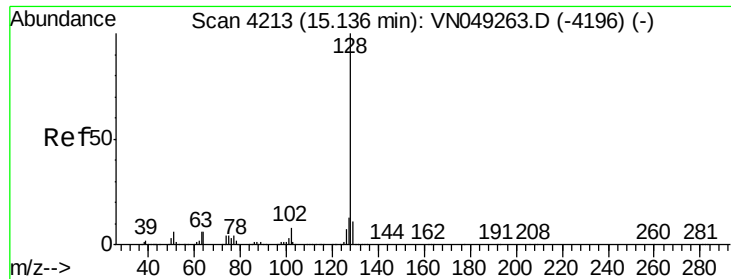
Tot Ion:180 Resp: 684029
 Ion Ratio Lower Upper
 180 100
 182 94.8 46.9 140.8
 145 28.2 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 49.13 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049530.D
 Acq: 26 Jun 2018 00:03

Tgt Ion:225 Resp: 545646
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.1 96.3
 227 63.1 31.8 95.3

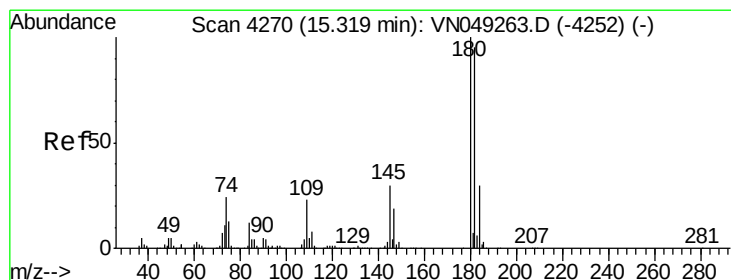
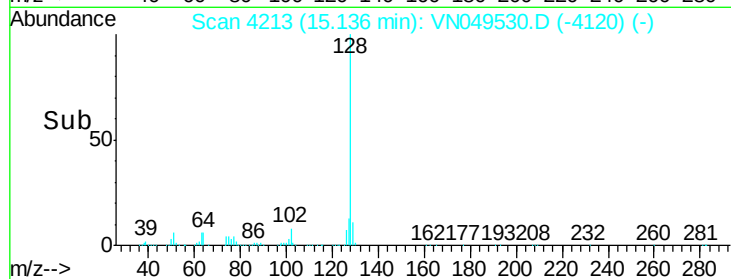
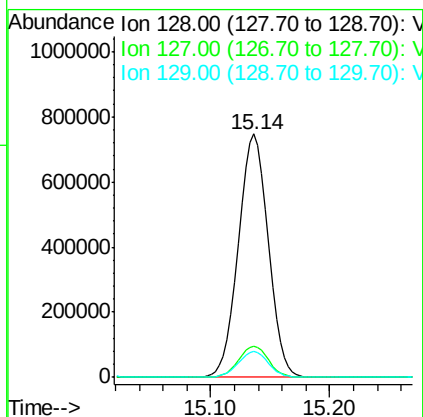
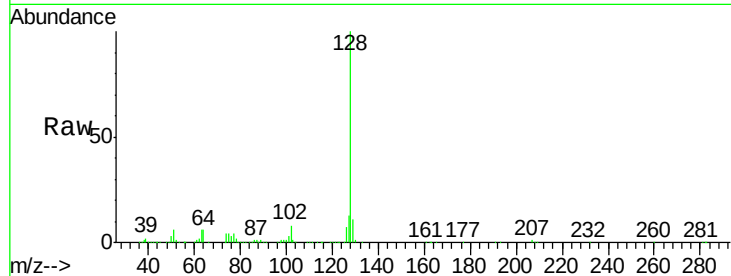




#95
Naphthalene
Concen: 43.22 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:128 Resp: 1299827
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 41.54 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049530.D
Acq: 26 Jun 2018 00:03

Tgt Ion:180 Resp: 695367
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.8
145 30.4 15.6 46.7

