

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050900.D
 Acq On : 27 Aug 2018 17:25
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Aug 28 01:56:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	114345	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	604046	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	535993	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	225943	29.07	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.90%
60) 4-Bromofluorobenzene	12.40	95	245374	29.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.33%
63) Toluene-d8	10.09	98	761457	29.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.13%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	139658	17.72	ug/l	96
3) Chloromethane	2.06	50	154876	19.06	ug/l	99
4) Vinyl Chloride	2.18	62	150126	17.36	ug/l	98
5) Bromomethane	2.57	94	88198	16.73	ug/l	98
6) Chloroethane	2.70	64	87362	17.08	ug/l	98
7) Trichlorofluoromethane	3.01	101	196857	17.42	ug/l	98
8) Diethyl Ether	3.41	74	69419	18.31	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	126002	18.33	ug/l	99
10) 1,1-Dichloroethene	3.73	96	110271	18.09	ug/l	94
11) Methyl Iodide	3.95	142	88811	9.90	ug/l	97
12) Methyl Acetate	4.33	43	137199	19.65	ug/l	99
13) Acrolein	3.61	56	16022	37.12	ug/l	94
14) Acrylonitrile	4.99	53	217050	93.14	ug/l	98
15) Acetone	3.82	58	59020	95.30	ug/l	89
16) Carbon Disulfide	4.05	76	329804	17.68	ug/l	100
17) Allyl chloride	4.33	41	168654	17.52	ug/l	94
18) Methylene Chloride	4.55	84	129888	18.46	ug/l	97
19) trans-1,2-Dichloroethene	5.05	96	117783	18.05	ug/l	93
20) Diisopropyl ether	5.96	45	364121	18.44	ug/l	97
21) 1,1-Dichloroethane	5.85	63	220907	17.80	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	130904	18.08	ug/l	98
23) tert-Butyl Alcohol	4.80	59	45071	86.56	ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	300235	18.06	ug/l	98
25) Chloroform	7.38	83	224584	17.87	ug/l	99
26) Cyclohexane	7.66	56	174542	17.69	ug/l #	99
29) 1,1-Dichloropropene	7.80	75	164636	17.56	ug/l	99
30) 2-Butanone	6.84	43	253452	86.16	ug/l	98
31) 2,2-Dichloropropane	6.83	77	178983	17.27	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	186426	16.90	ug/l	99
33) Carbon Tetrachloride	7.78	117	164827	16.76	ug/l	98
34) Benzene	8.04	78	510084	17.92	ug/l	99
35) Methacrylonitrile	7.17	41	47006	14.03	ug/l	94
36) 1,2-Dichloroethane	8.13	62	156334	16.72	ug/l	100
37) Trichloroethene	8.84	130	127645	17.10	ug/l	99
38) Methylcyclohexane	9.08	83	166865	16.88	ug/l	99
39) 1,2-Dichloropropane	9.12	63	134789	17.97	ug/l	98
40) Dibromomethane	9.21	93	81389	17.56	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	166473	17.03	ug/l	99
42) Vinyl Acetate	5.90	43	1145928	82.78	ug/l	100
43) Ethyl Acetate	6.93	43	95947	15.62	ug/l	95
44) Isopropyl Acetate	8.17	43	194284	17.07	ug/l	97
45) 1,4-Dioxane	9.20	88	26019	347.48	ug/l	96
46) Methyl methacrylate	9.20	41	92892	16.84	ug/l	96
47) n-amyl Acetate	12.07	43	138074	15.59	ug/l	96
48) t-1,3-Dichloropropene	10.38	75	161497	17.33	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	188527	17.22	ug/l	96
50) 1,1,2-Trichloroethane	10.56	97	116694	17.54	ug/l	98
51) Ethyl methacrylate	10.43	69	133560	16.54	ug/l	97
52) 1,3-Dichloropropane	10.71	76	192571	17.63	ug/l	99
53) Dibromochloromethane	10.90	129	127583	16.90	ug/l	99
54) 1,2-Dibromoethane	11.01	107	113230	17.38	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	293648	80.34	ug/l	100
56) Bromoform	12.13	173	90628	17.00	ug/l	100
58) 4-Methyl-2-Pentanone	9.99	43	552344	88.56	ug/l	99
59) 2-Hexanone	10.76	43	363268	85.38	ug/l	99
61) Tetrachloroethene	10.63	164	117953	16.25	ug/l	97
62) Toluene	10.16	91	533553	17.45	ug/l	100
64) Chlorobenzene	11.44	112	327584	17.67	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	125816	17.39	ug/l	100
66) Ethyl Benzene	11.51	91	523455	16.75	ug/l	100
67) m/p-Xylenes	11.62	106	415802	34.57	ug/l	99
68) o-Xylene	11.95	106	198597	17.36	ug/l	98
69) Styrene	11.97	104	310352	16.92	ug/l	99
70) Isopropylbenzene	12.25	105	527152	17.30	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	152527	18.23	ug/l	100
72) 1,2,3-Trichloropropane	12.55	75	171746	24.03	ug/l	51
73) Bromobenzene	12.53	156	138182	17.02	ug/l	98
74) n-propylbenzene	12.59	91	590578	16.64	ug/l	100
75) 2-Chlorotoluene	12.68	91	366644	17.20	ug/l	98
76) 1,3,5-Trimethylbenzene	12.73	105	437925	17.50	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	36157	15.48	ug/l	98
78) 4-Chlorotoluene	12.78	91	356489	16.87	ug/l	99
79) tert-butylbenzene	12.99	119	363005	16.96	ug/l	97
80) 1,2,4-Trimethylbenzene	13.04	105	433839	17.11	ug/l	97
81) sec-Butylbenzene	13.17	105	493584	16.98	ug/l	99
82) p-Isopropyltoluene	13.29	119	420163	16.94	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	230680	16.32	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	214101	16.03	ug/l	99
85) n-Butylbenzene	13.62	91	311923	15.50	ug/l	99
86) Hexachloroethane	13.88	117	82546	16.65	ug/l	100
87) 1,2-Dichlorobenzene	13.65	146	232723	16.84	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	21876	16.78	ug/l	97
89) 1,2,4-Trichlorobenzene	14.91	180	89224	13.52	ug/l	98
90) Hexachlorobutadiene	15.01	225	79555	18.28	ug/l	98
91) Naphthalene	15.13	128	177139	16.20	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	94981	14.15	ug/l	96

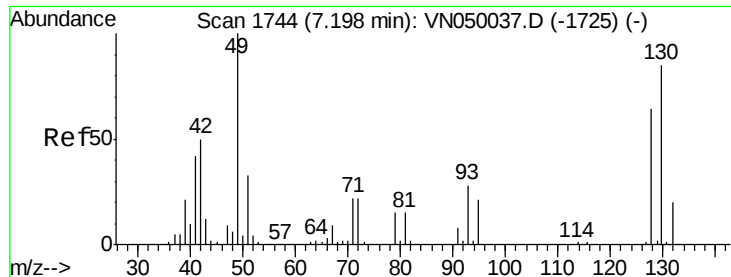
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

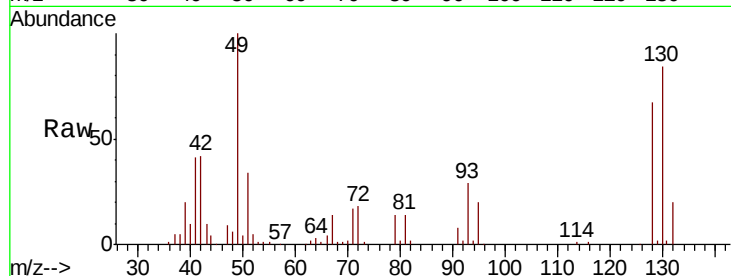
Tot Ion:128 Resp: 114345

Ion Ratio Lower Upper

128 100

49 150.3 0.0 378.3

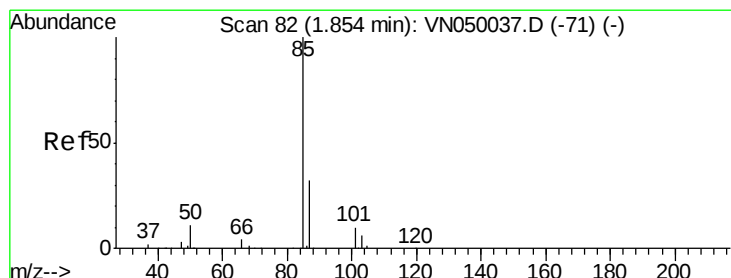
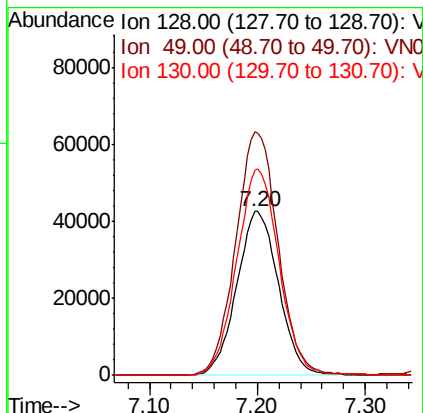
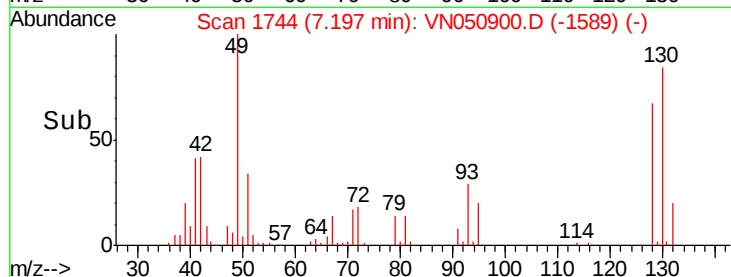
130 127.4 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.72 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050900.D

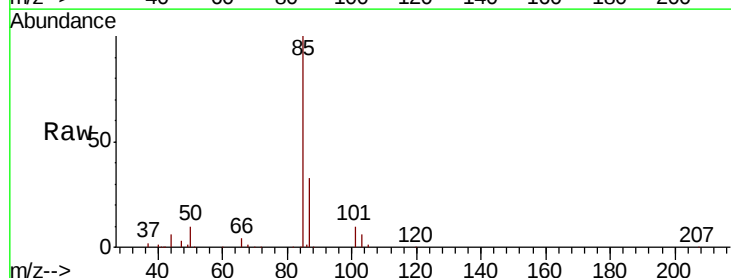
Acq: 27 Aug 2018 17:25

Tgt Ion: 85 Resp: 139658

Ion Ratio Lower Upper

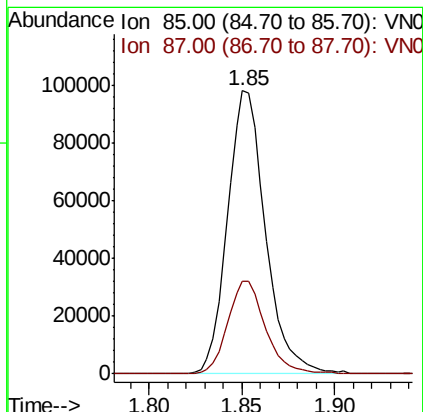
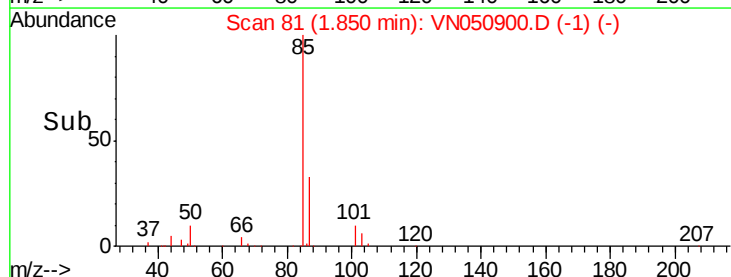
85 100

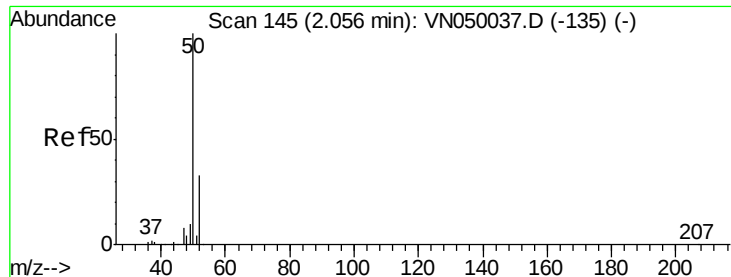
87 32.8 15.4 46.4



Abundance Ion 85.00 (84.70 to 85.70): VN

Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.06 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

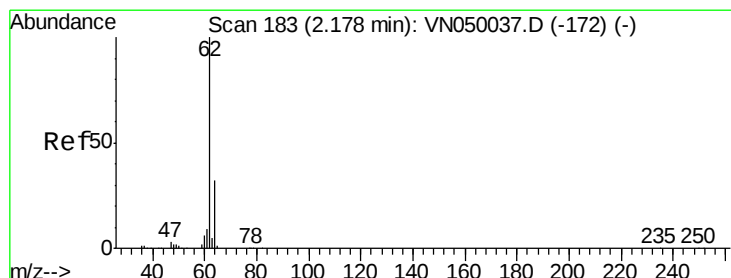
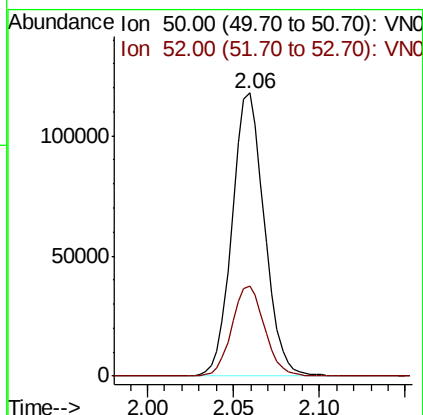
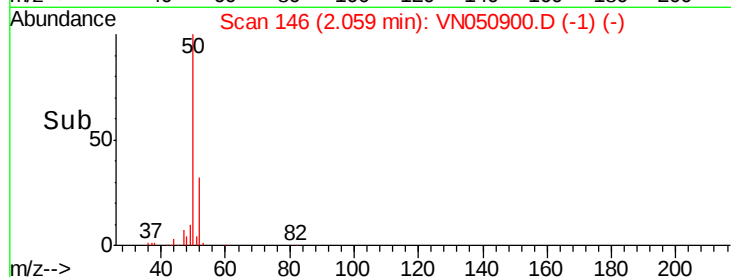
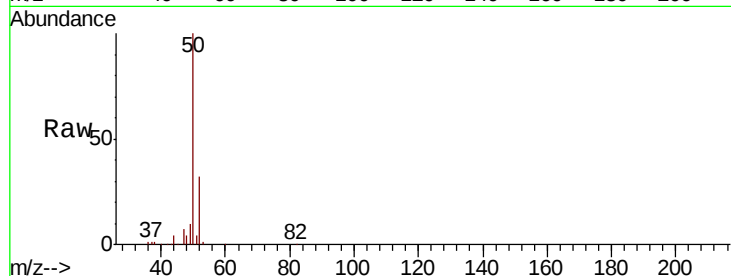
VSTDCCC020

Tot Ion: 50 Resp: 154876

Ion Ratio Lower Upper

50 100

52 31.9 26.1 39.1



#4

Vinyl Chloride

Concen: 17.36 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050900.D

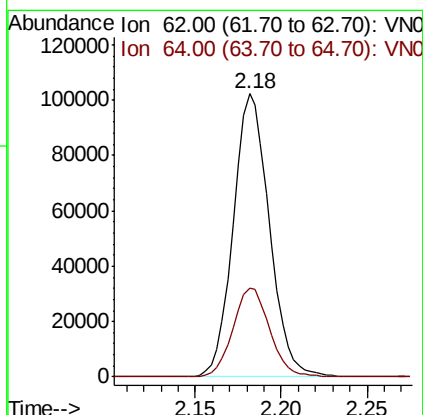
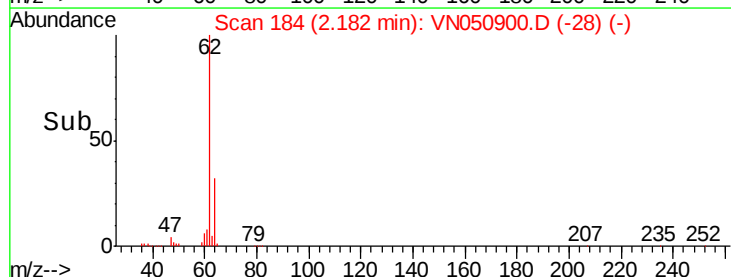
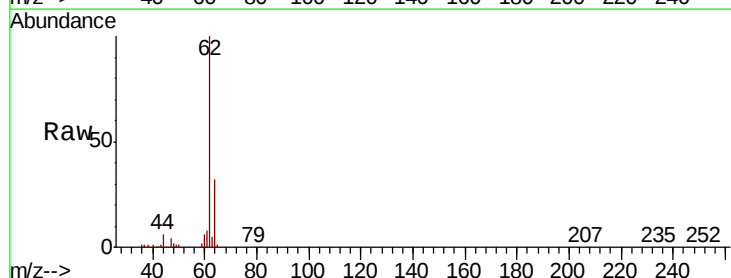
Acq: 27 Aug 2018 17:25

Tgt Ion: 62 Resp: 150126

Ion Ratio Lower Upper

62 100

64 31.6 24.4 36.6





#5

Bromomethane

Concen: 16.73 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

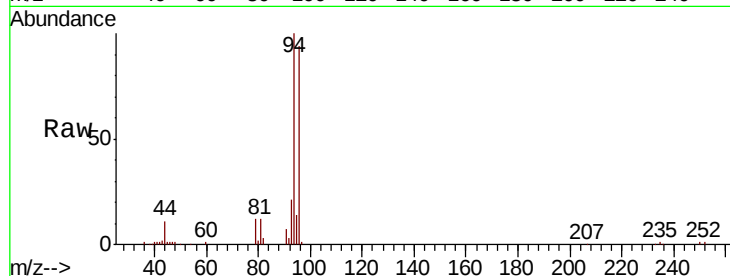
VSTDCCC020

Tot Ion: 94 Resp: 88198

Ion Ratio Lower Upper

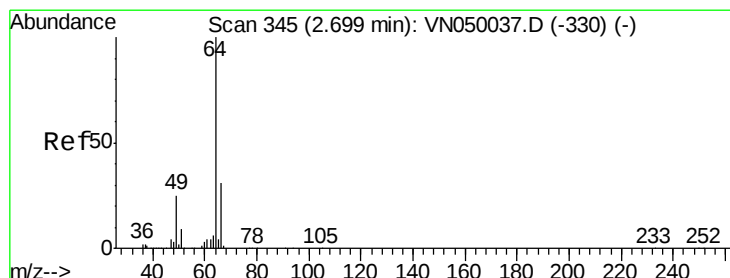
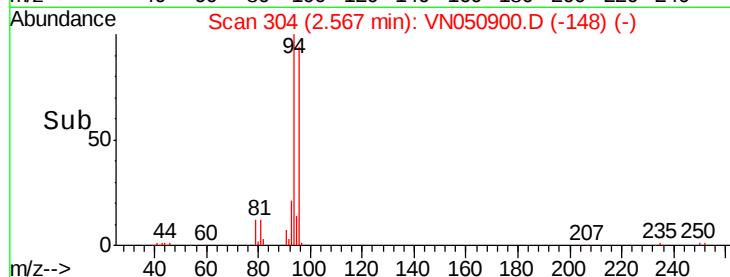
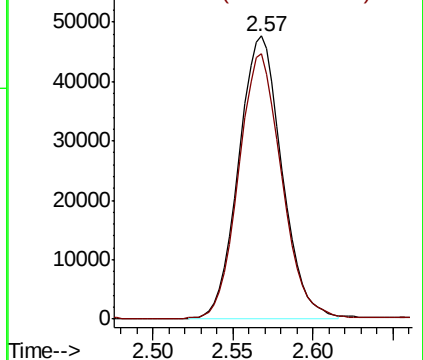
94 100

96 93.1 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 17.08 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050900.D

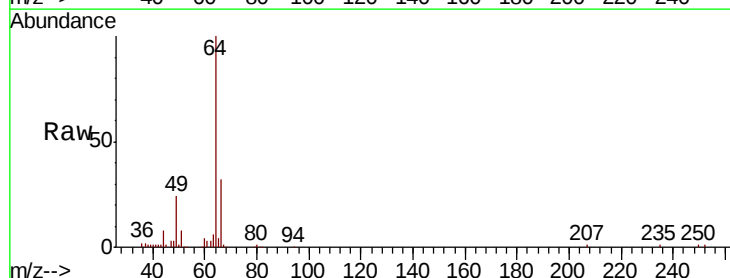
Acq: 27 Aug 2018 17:25

Tgt Ion: 64 Resp: 87362

Ion Ratio Lower Upper

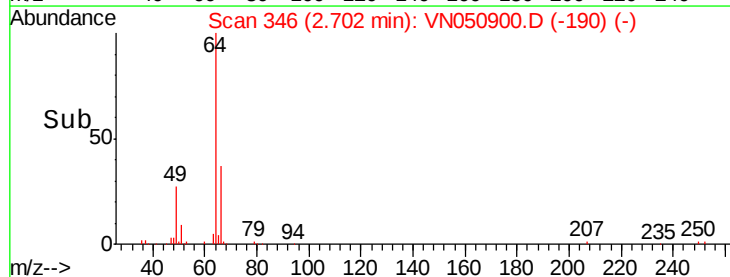
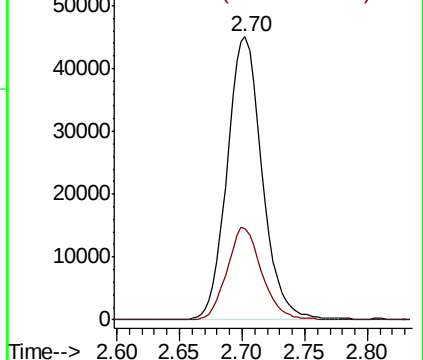
64 100

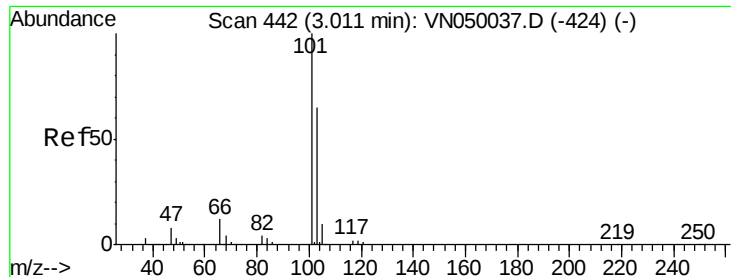
66 32.2 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



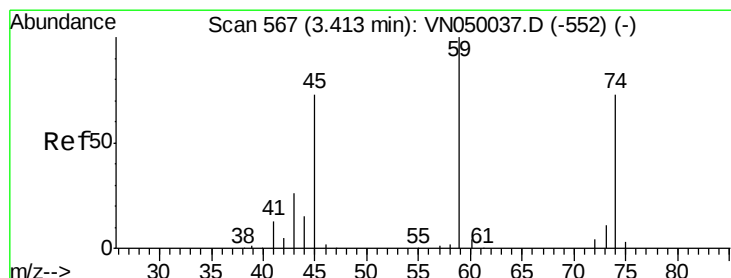
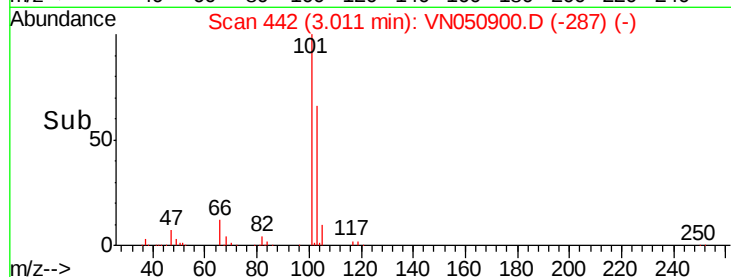
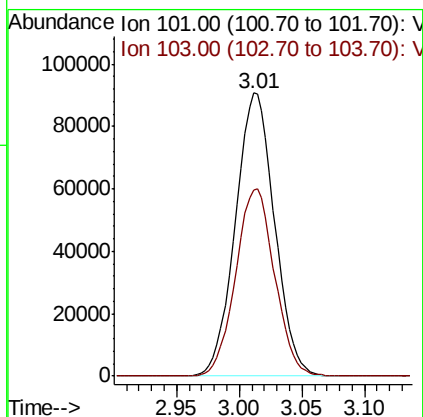
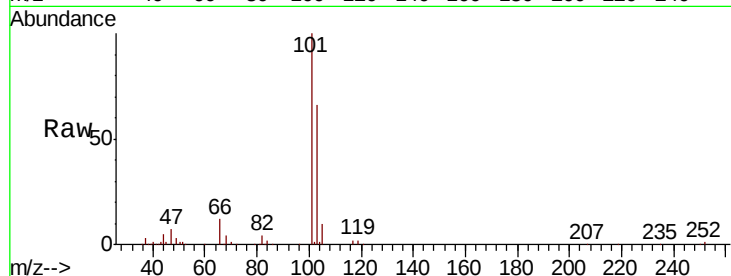


#7

Trichlorofluoromethane
 Concen: 17.42 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Instrument :
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 ClientSampled :
 VSTDCCC020

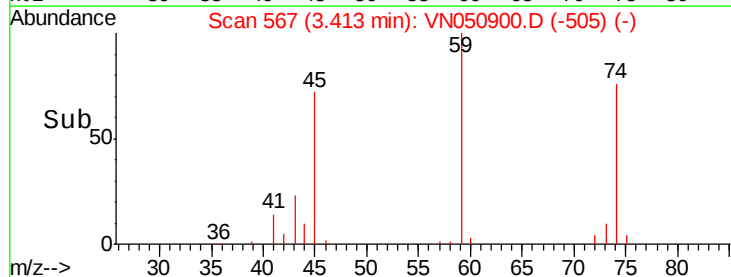
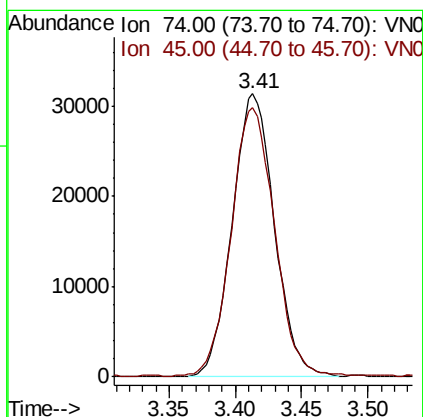
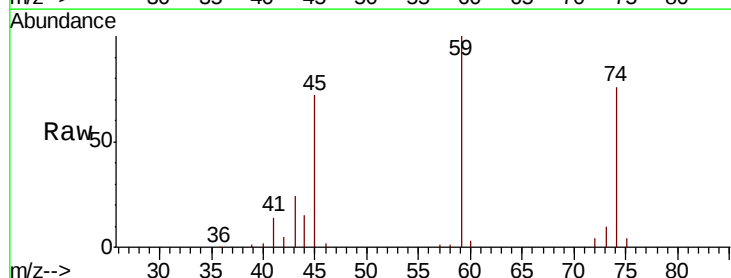
Tot Ion:101 Resp: 196857
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.5 77.3

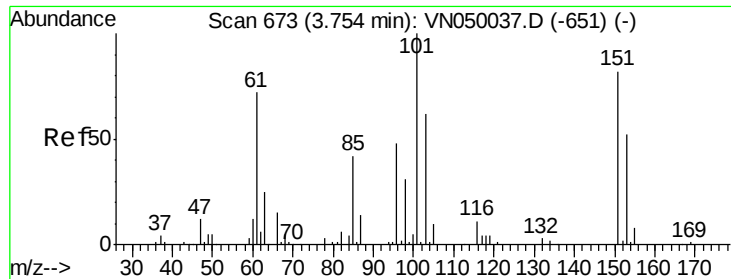


#8

Diethyl Ether
 Concen: 18.31 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Tgt Ion: 74 Resp: 69419
 Ion Ratio Lower Upper
 74 100
 45 98.0 18.7 167.9

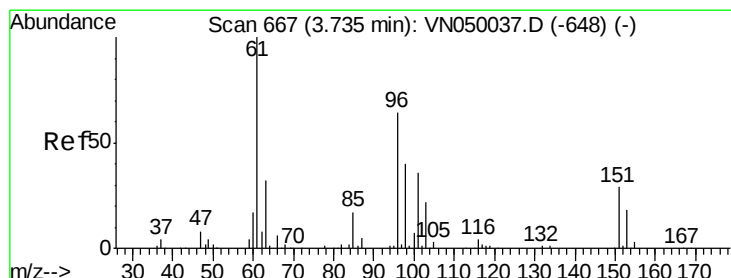
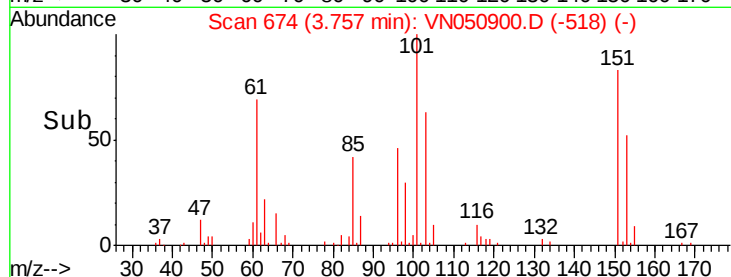
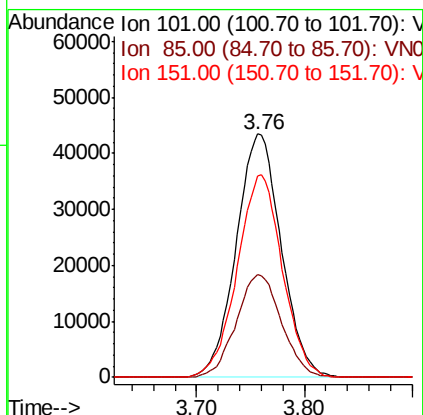
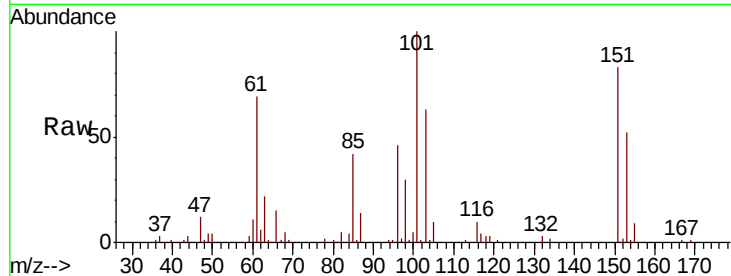




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.33 ug/l
 RT: 3.76 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

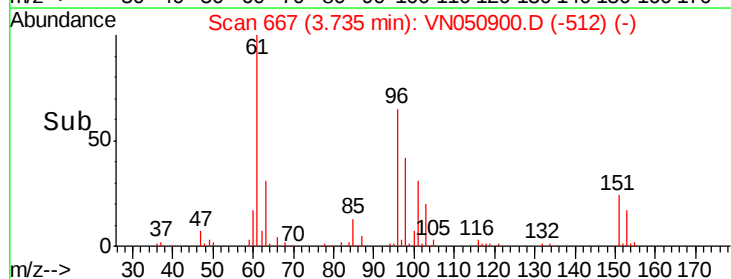
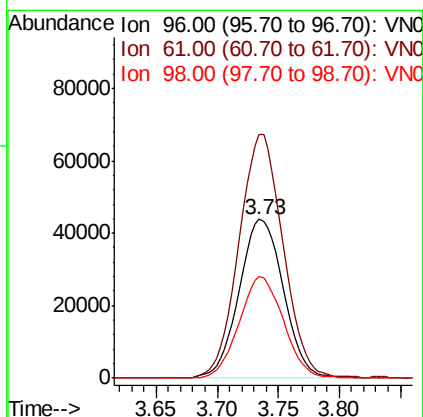
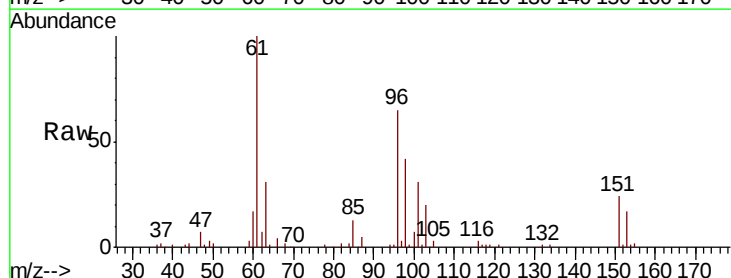
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.3	0.0	83.0
151	83.3	0.0	166.8



#10
 1,1-Dichloroethene
 Concen: 18.09 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.6	130.6	195.8
98	63.8	53.5	80.3

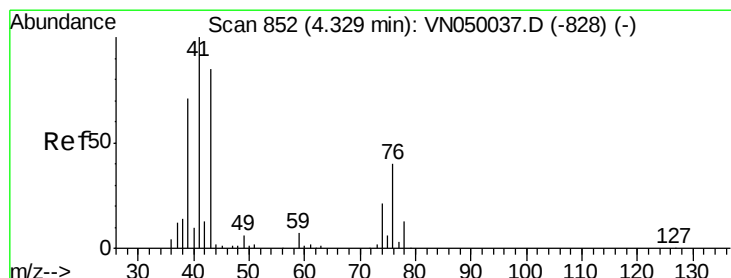
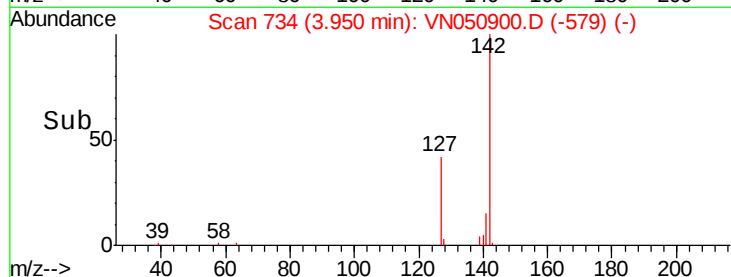
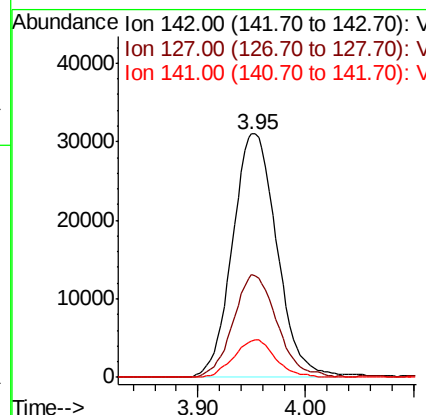
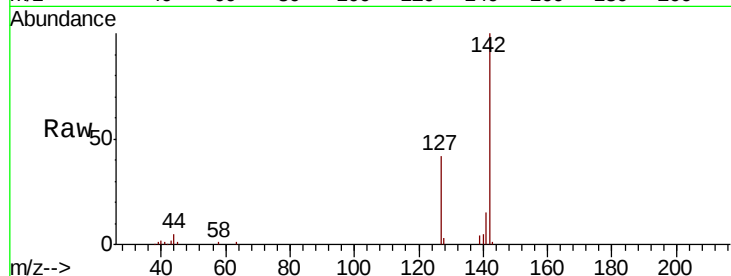




#11
Methvl Iodide
Concen: 9.90 ug/l
RT: 3.95 min Scan# 734
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

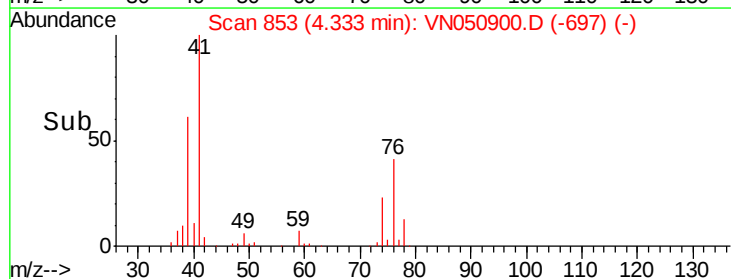
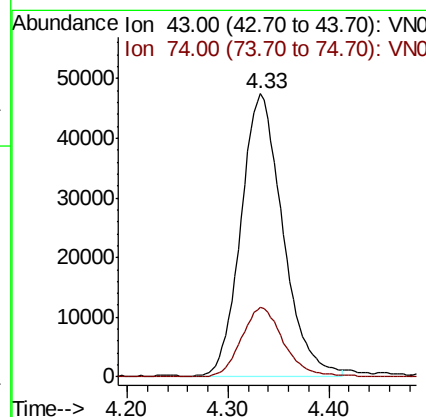
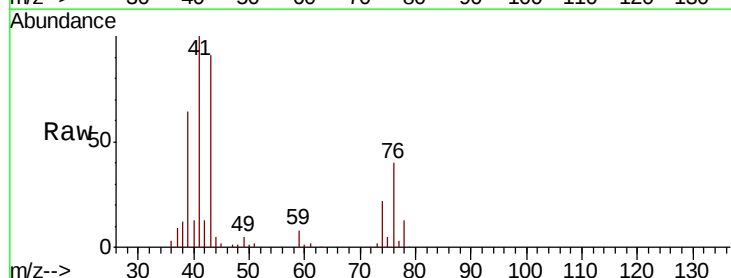
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

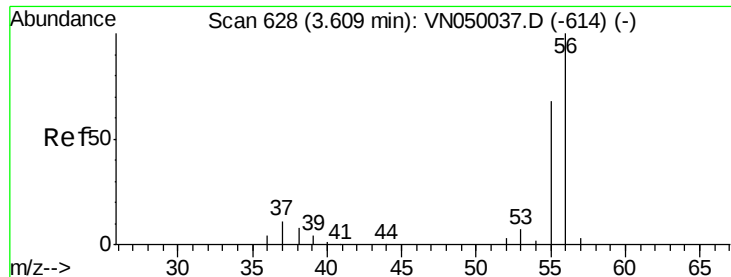
Tot Ion:142 Resp: 88811
Ion Ratio Lower Upper
142 100
127 42.1 20.2 60.5
141 15.2 6.9 20.6



#12
Methyl Acetate
Concen: 19.65 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion: 43 Resp: 137199
Ion Ratio Lower Upper
43 100
74 24.6 19.3 28.9





#13

Acrolein

Concen: 37.12 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

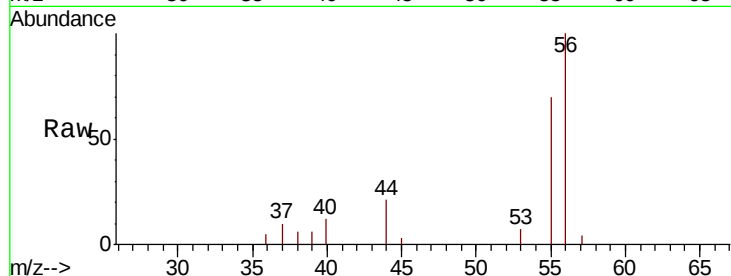
VSTDCCC020

Tot Ion: 56 Resp: 16022

Ion Ratio Lower Upper

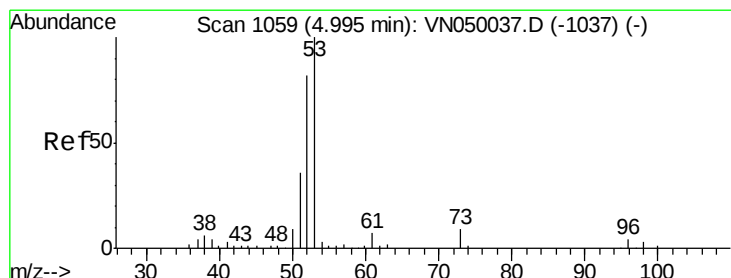
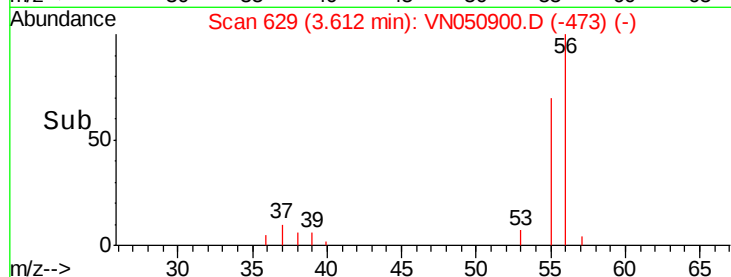
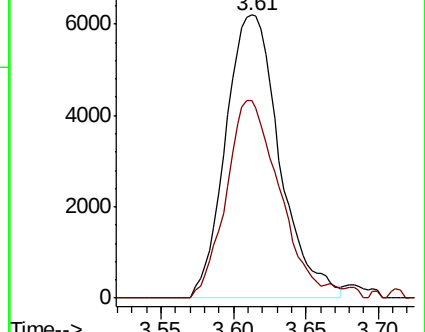
56 100

55 68.1 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN050037.D (-614) (-)

Ion 55.00 (54.70 to 55.70): VN050037.D (-614) (-)



#14

Acrylonitrile

Concen: 93.14 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

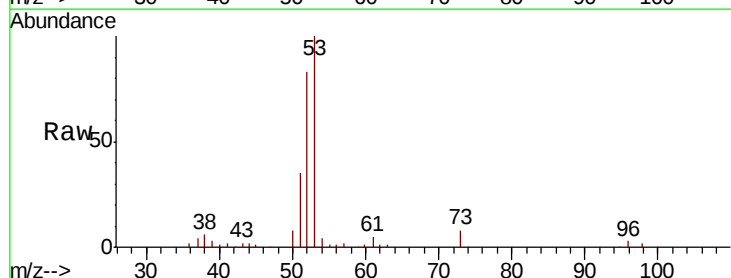
Tgt Ion: 53 Resp: 217050

Ion Ratio Lower Upper

53 100

52 83.5 41.5 124.5

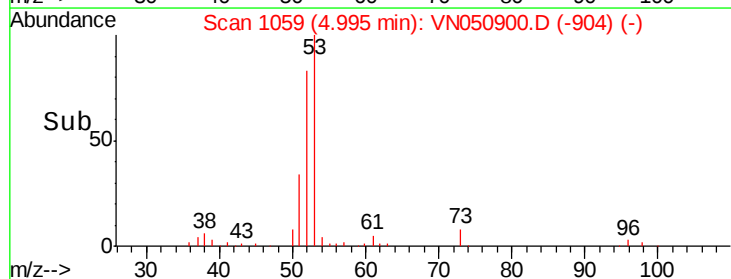
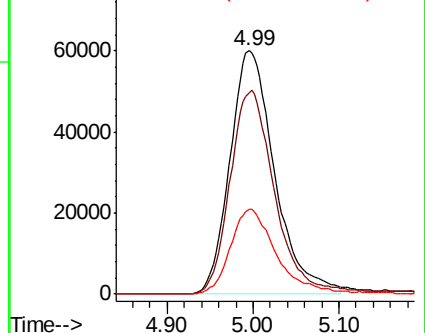
51 35.1 18.7 56.1

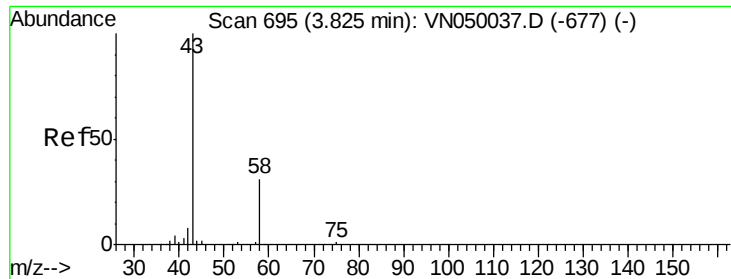


Abundance Ion 53.00 (52.70 to 53.70): VN050037.D (-1037) (-)

Ion 52.00 (51.70 to 52.70): VN050037.D (-1037) (-)

Ion 51.00 (50.70 to 51.70): VN050037.D (-1037) (-)





#15

Acetone

Concen: 95.30 ug/l

RT: 3.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

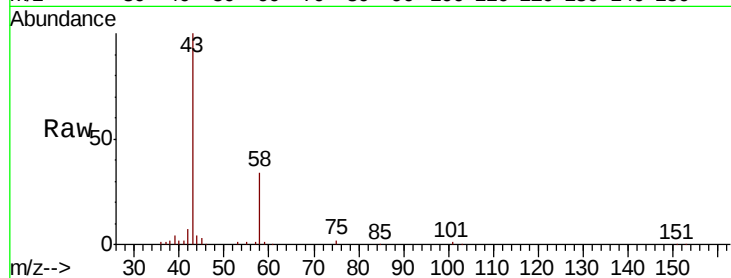
VSTDCCC020

Tot Ion: 58 Resp: 59020

Ion Ratio Lower Upper

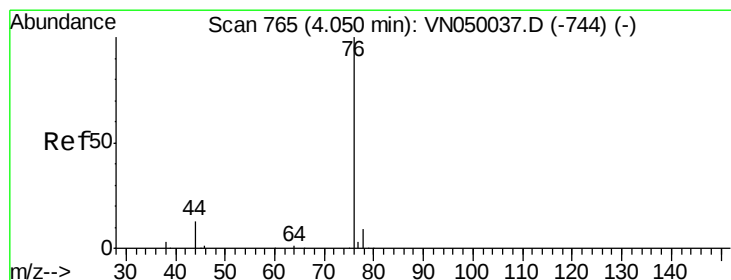
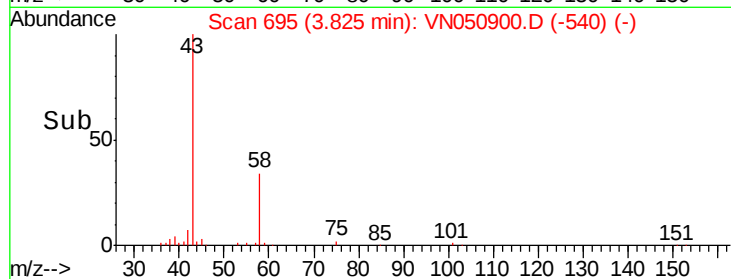
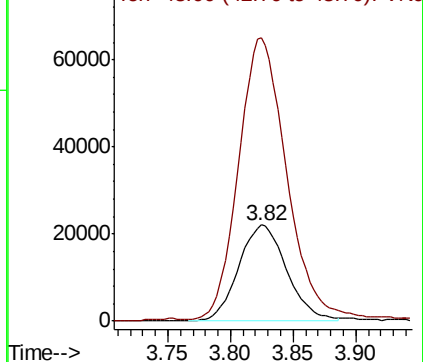
58 100

43 291.9 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN050900.D (-540) (-)

Ion 43.00 (42.70 to 43.70): VN050900.D (-540) (-)



#16

Carbon Disulfide

Concen: 17.68 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050900.D

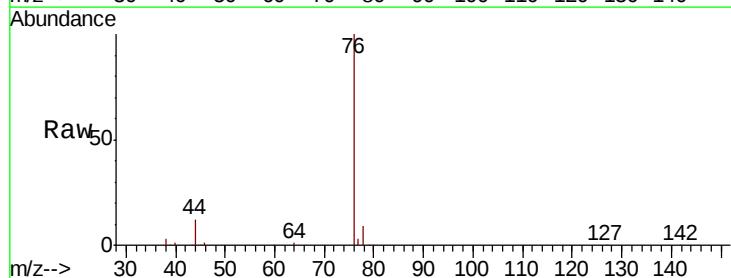
Acq: 27 Aug 2018 17:25

Tgt Ion: 76 Resp: 329804

Ion Ratio Lower Upper

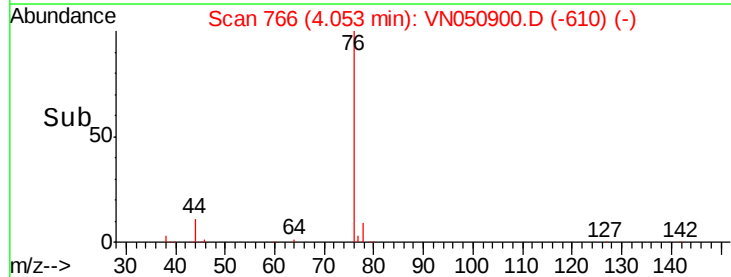
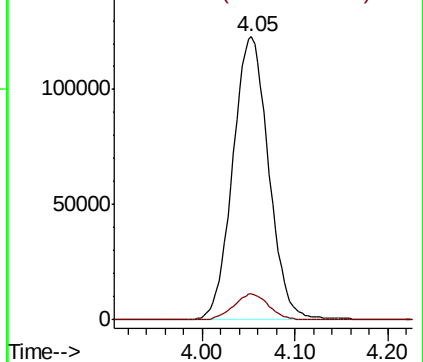
76 100

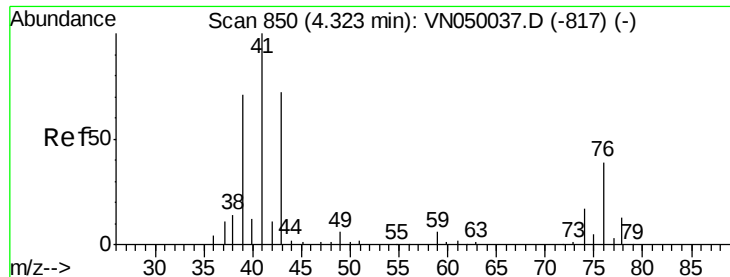
78 9.2 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN050900.D (-610) (-)

Ion 78.00 (77.70 to 78.70): VN050900.D (-610) (-)

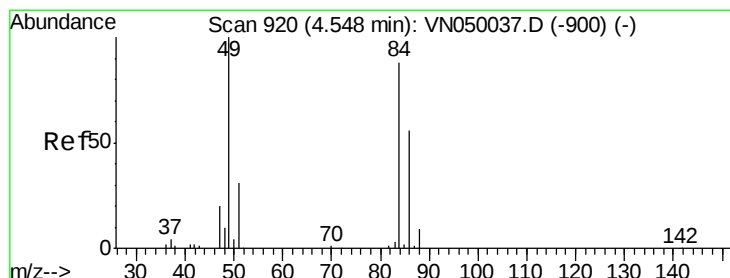
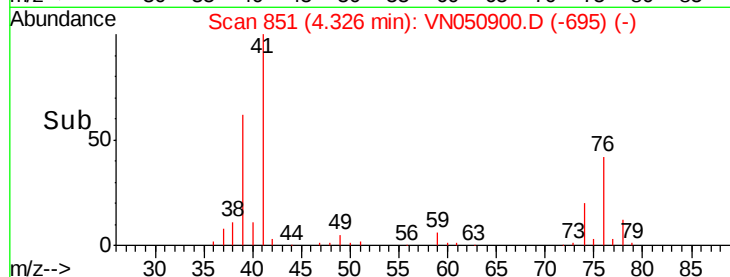
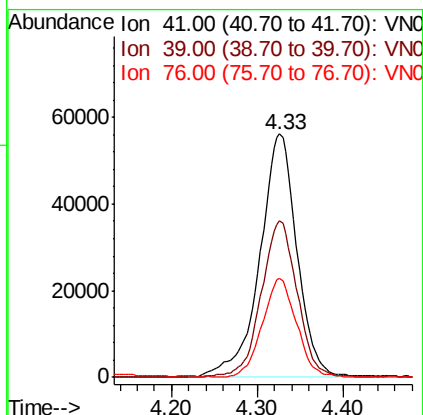
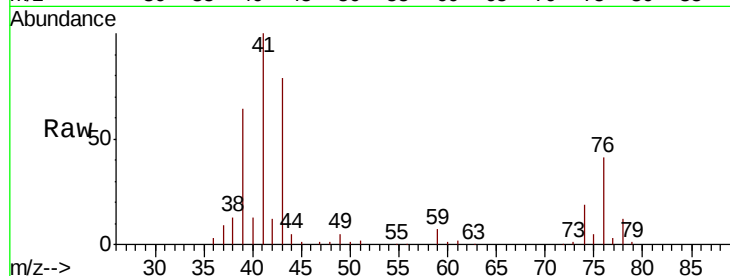




#17
Allvl chloride
Concen: 17.52 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

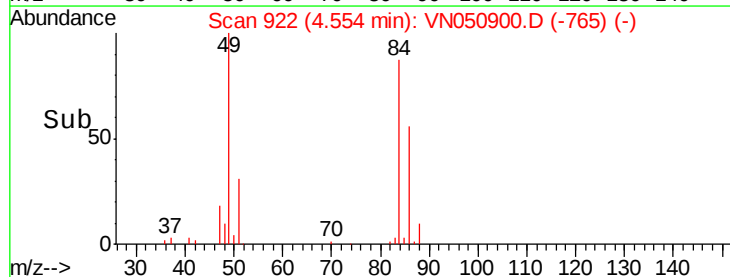
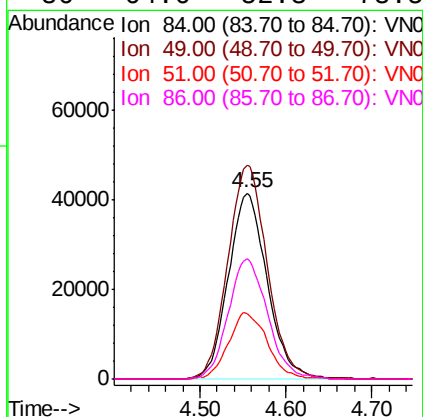
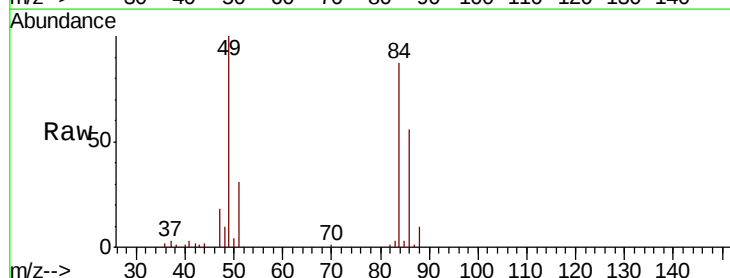
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

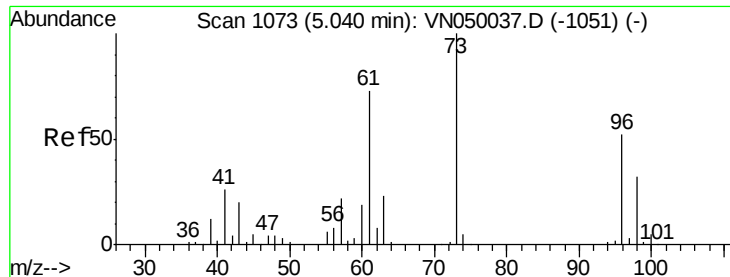
Tot Ion: 41 Resp: 168654
Ion Ratio Lower Upper
41 100
39 64.3 35.4 106.3
76 40.3 19.7 59.1



#18
Methylene Chloride
Concen: 18.46 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion: 84 Resp: 129888
Ion Ratio Lower Upper
84 100
49 114.5 95.1 142.7
51 35.2 28.8 43.2
86 64.6 52.3 78.5

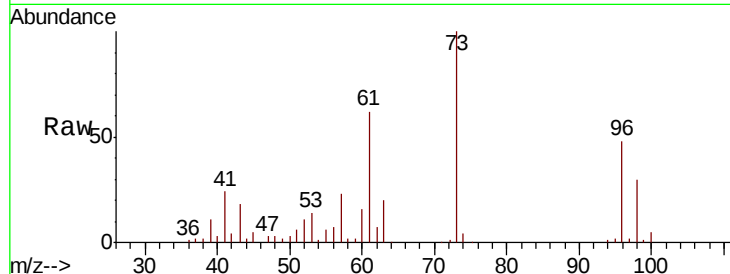




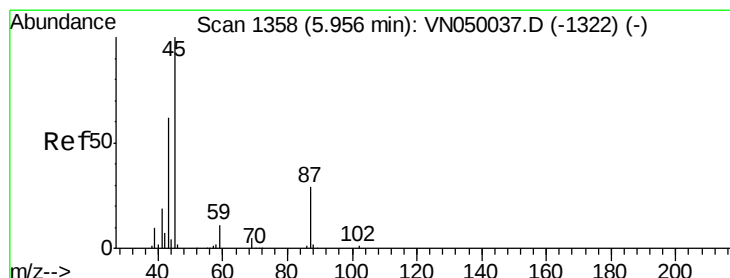
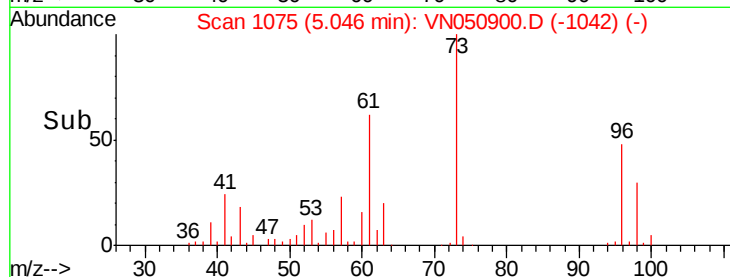
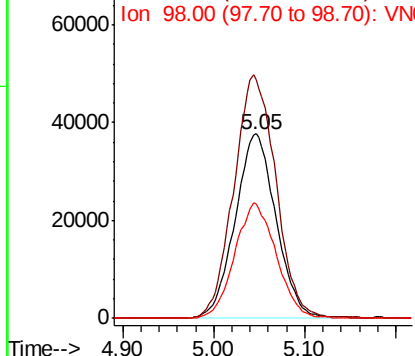
#19
trans-1,2-Dichloroethene
Concen: 18.05 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. 0.01 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 96 Resp: 117783
Ion Ratio Lower Upper
96 100
61 128.9 112.1 168.1
98 62.3 51.3 76.9



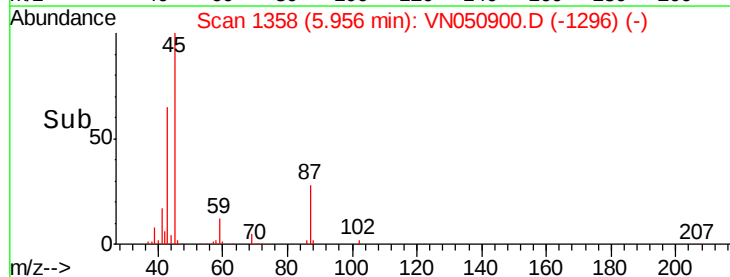
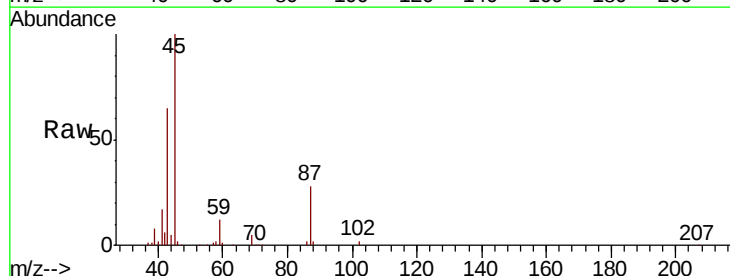
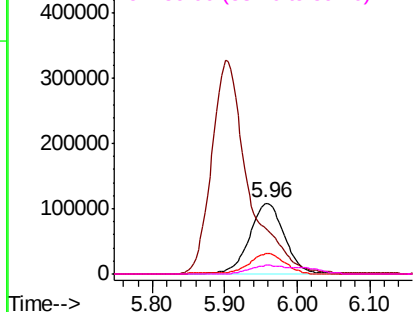
Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

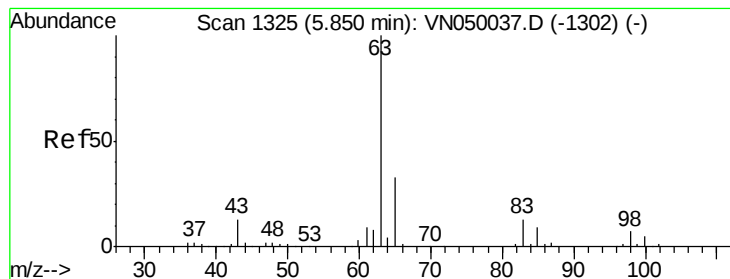


#20
Diisopropyl ether
Concen: 18.44 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion: 45 Resp: 364121
Ion Ratio Lower Upper
45 100
43 62.3 46.6 70.0
87 28.2 22.3 33.5
59 11.8 9.5 14.3

Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 17.80 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

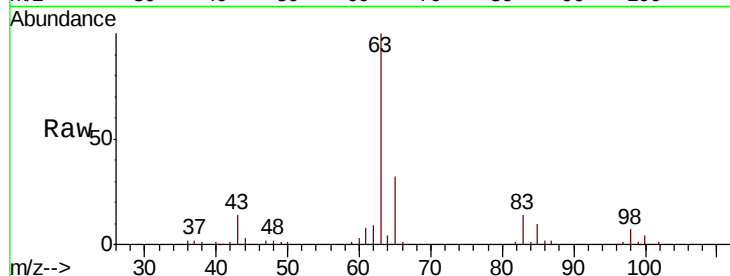
Tot Ion: 63 Resp: 220907

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.6

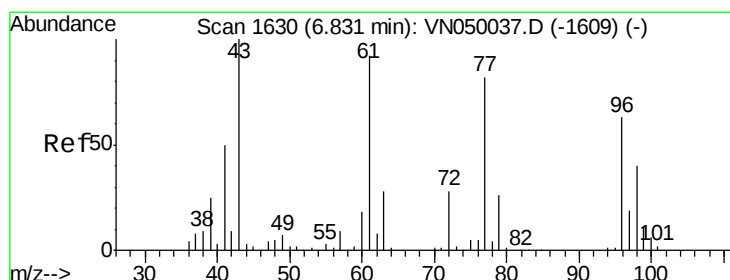
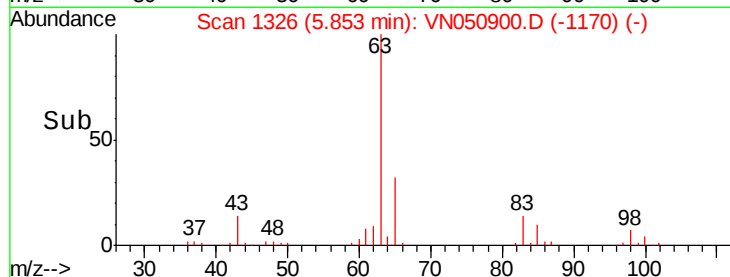
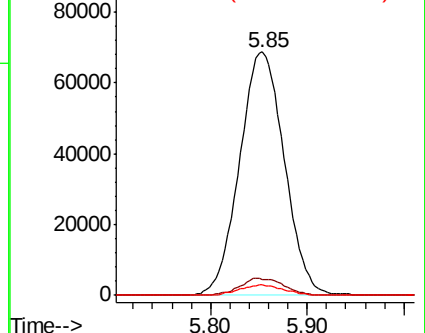
100 4.2 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VN050037.D (-1302) (-)

Ion 98.00 (97.70 to 98.70): VN050037.D (-1302) (-)

Ion 100.00 (99.70 to 100.70): VN050037.D (-1302) (-)



#22

cis-1,2-Dichloroethene

Concen: 18.08 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

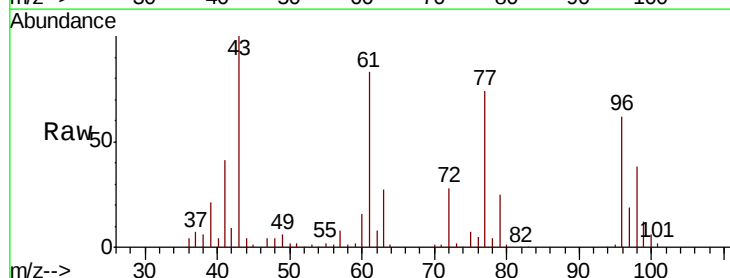
Tgt Ion: 96 Resp: 130904

Ion Ratio Lower Upper

96 100

61 140.2 114.2 171.2

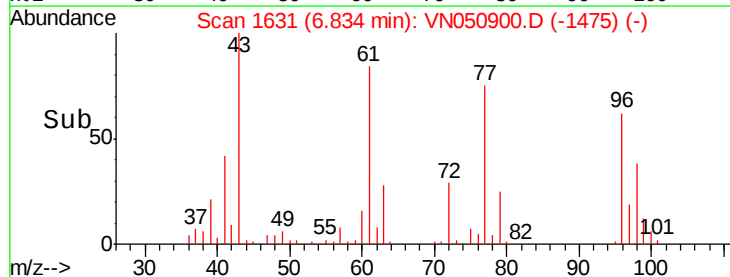
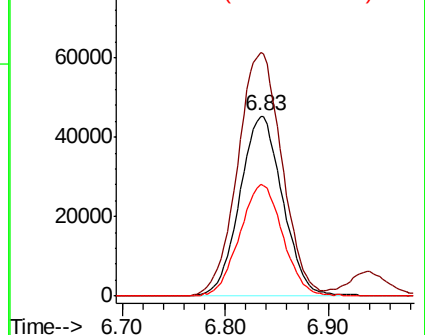
98 62.5 51.7 77.5

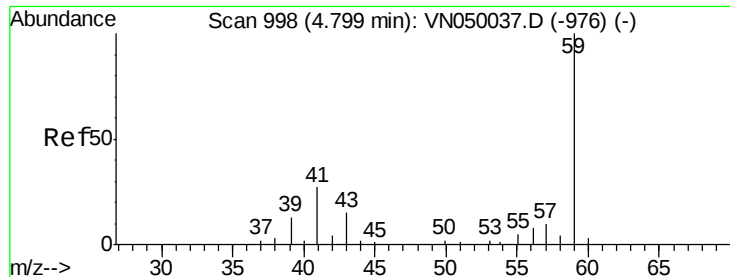


Abundance Ion 96.00 (95.70 to 96.70): VN050037.D (-1609) (-)

Ion 61.00 (60.70 to 61.70): VN050037.D (-1609) (-)

Ion 98.00 (97.70 to 98.70): VN050037.D (-1609) (-)





#23

tert-Butyl Alcohol

Concen: 86.56 ug/l

RT: 4.80 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

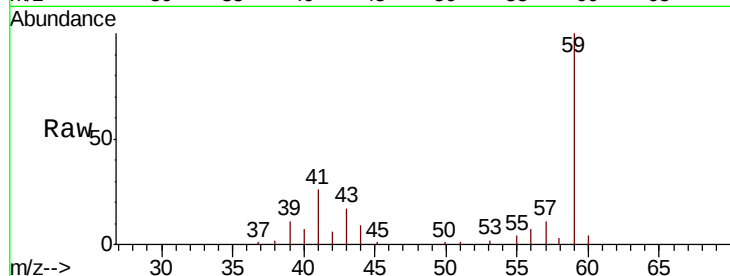
VSTDCCC020

Tot Ion: 59 Resp: 45071

Ion Ratio Lower Upper

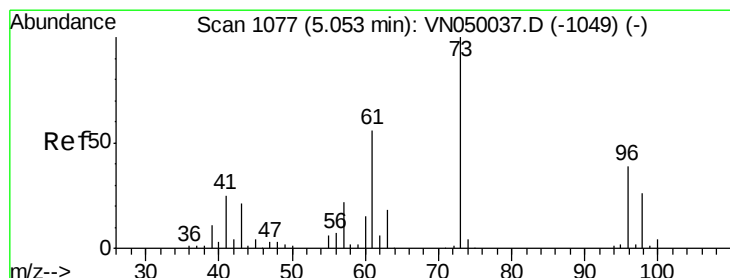
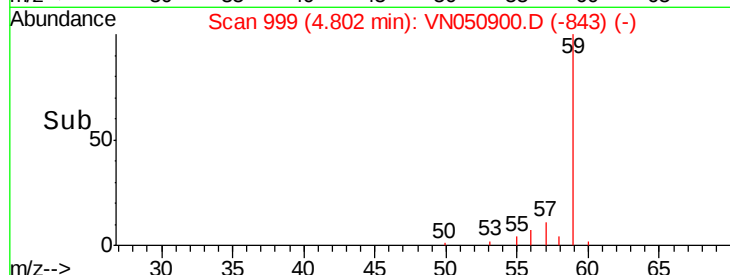
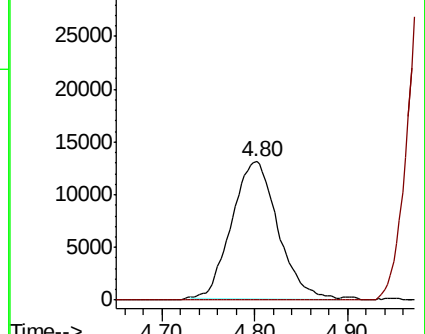
59 100

52 0.0 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 18.06 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VN050900.D

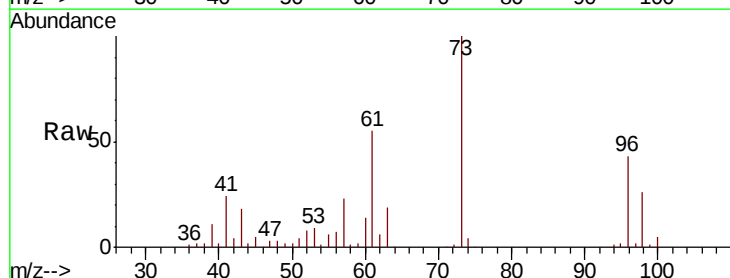
Acq: 27 Aug 2018 17:25

Tgt Ion: 73 Resp: 300235

Ion Ratio Lower Upper

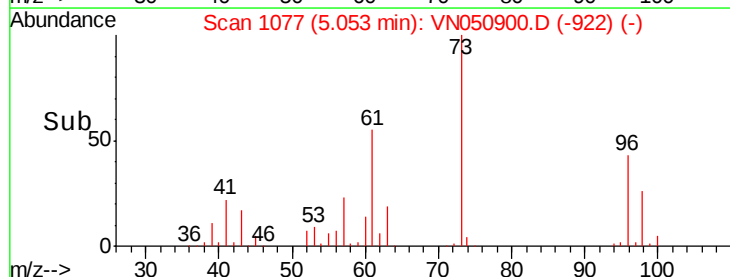
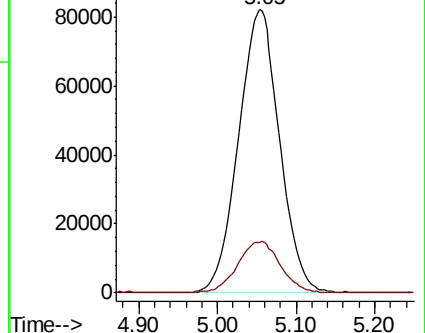
73 100

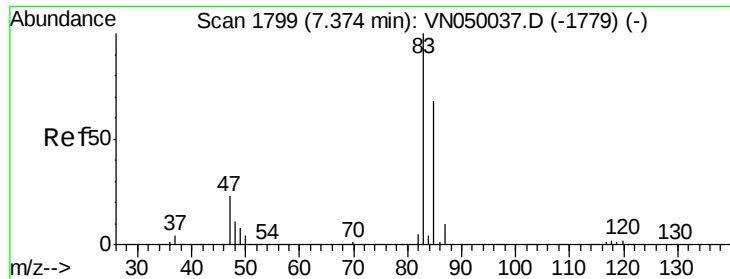
43 18.6 15.5 23.3



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

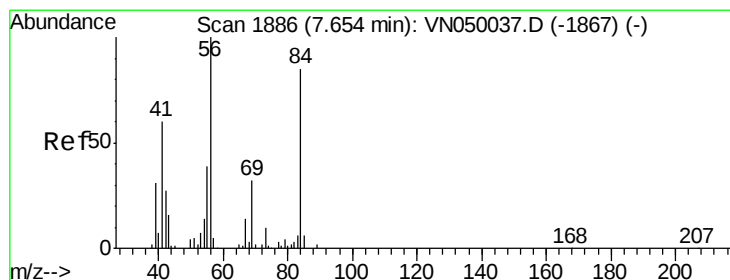
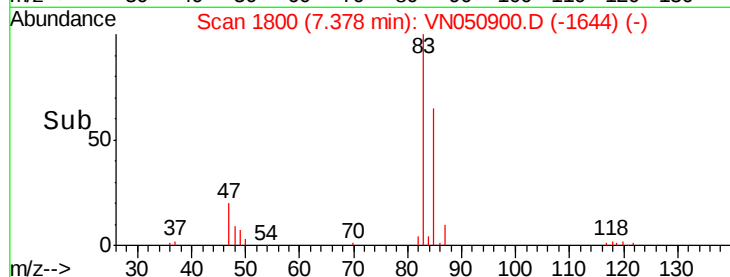
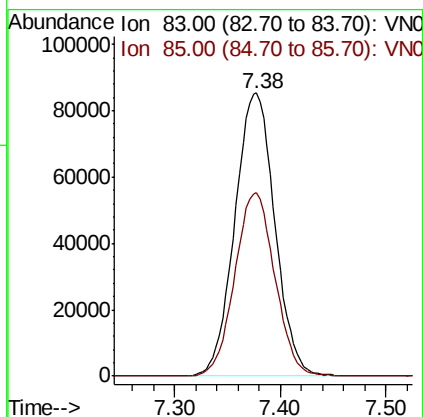
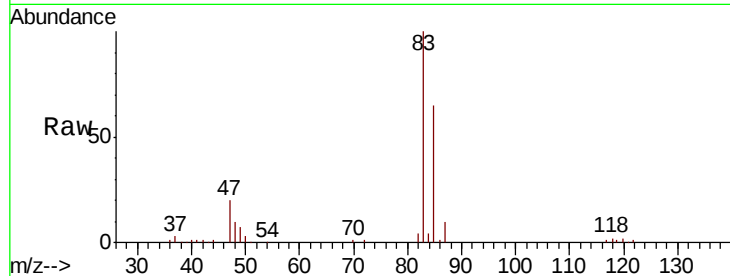




#25
Chloroform
Concen: 17.87 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

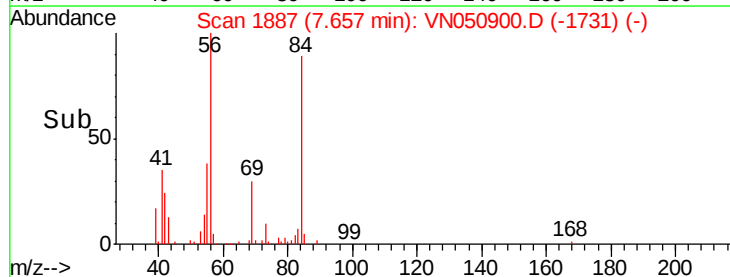
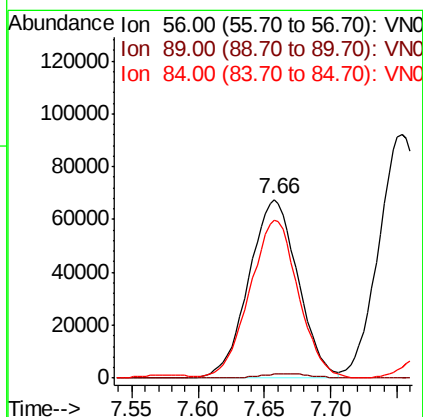
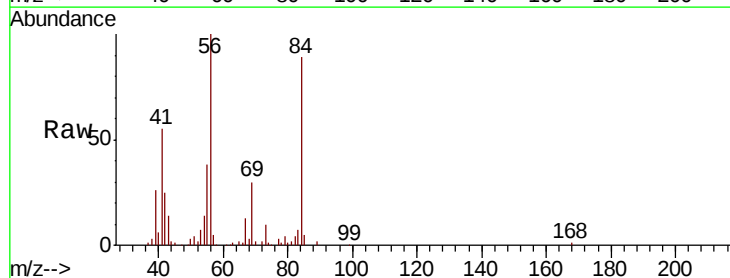
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

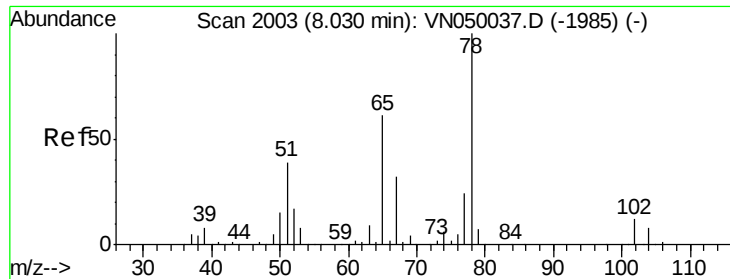
Tot Ion: 83 Resp: 224584
Ion Ratio Lower Upper
83 100
85 64.6 52.1 78.1



#26
Cyclohexane
Concen: 17.69 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion: 56 Resp: 174542
Ion Ratio Lower Upper
56 100
89 2.5 3.0 4.4#
84 87.8 69.8 104.8





#27

1,2-Dichloroethane-d4

Concen: 29.07 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

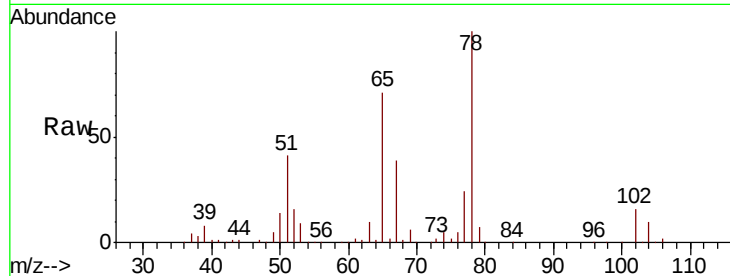
VSTDCCC020

Tot Ion: 65 Resp: 225943

Ion Ratio Lower Upper

65 100

67 54.7 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN050037.D (-1985) (-)

Ion 67.00 (66.70 to 67.70): VN050037.D (-1985) (-)

8.03

100000

80000

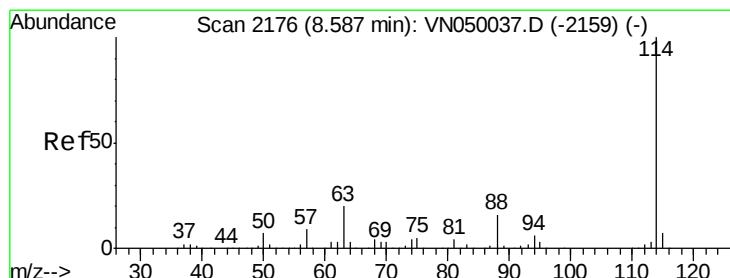
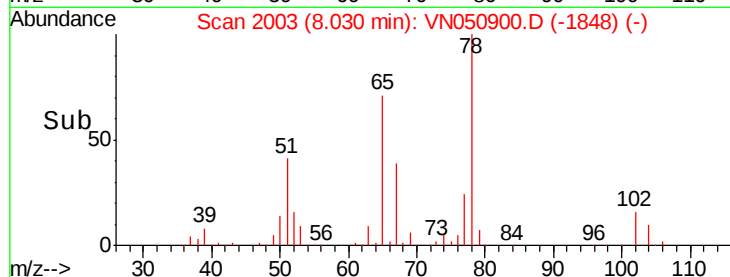
60000

40000

20000

0

Time-->



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

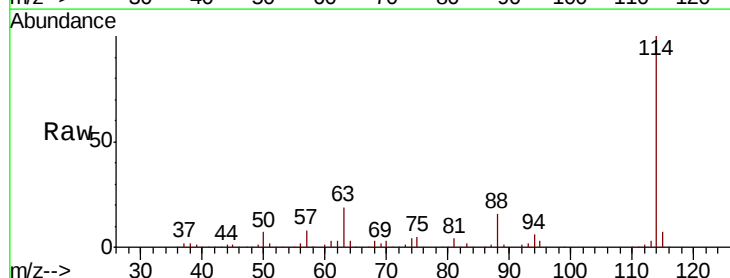
Tgt Ion: 114 Resp: 604046

Ion Ratio Lower Upper

114 100

63 19.5 16.2 24.2

88 15.4 12.3 18.5



Abundance Ion 114.00 (113.70 to 114.70): VN050037.D (-2159) (-)

Ion 63.00 (62.70 to 63.70): VN050037.D (-2159) (-)

Ion 88.00 (87.70 to 88.70): VN050037.D (-2159) (-)

8.59

400000

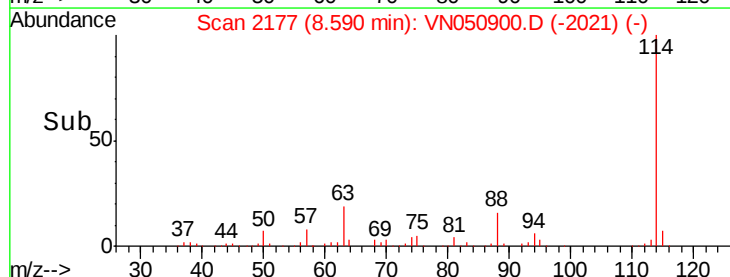
300000

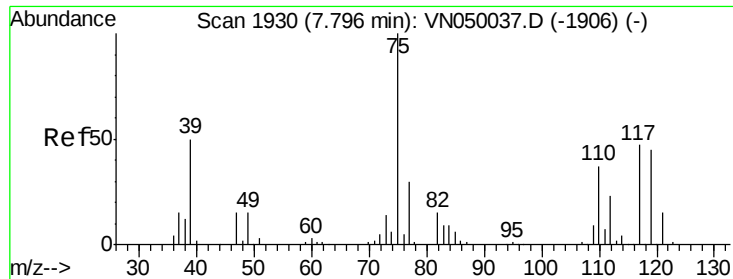
200000

100000

0

Time-->

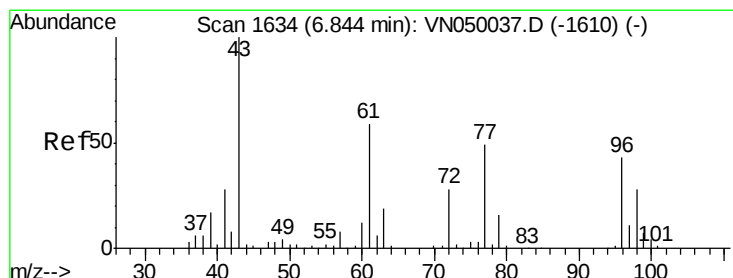
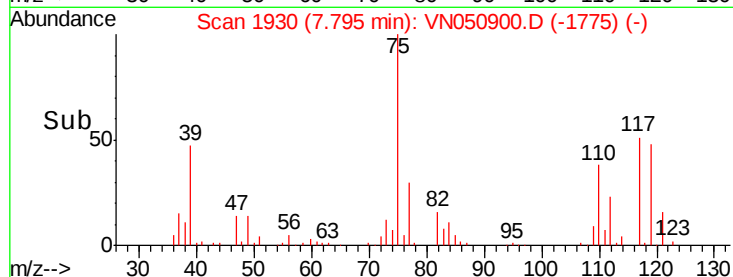
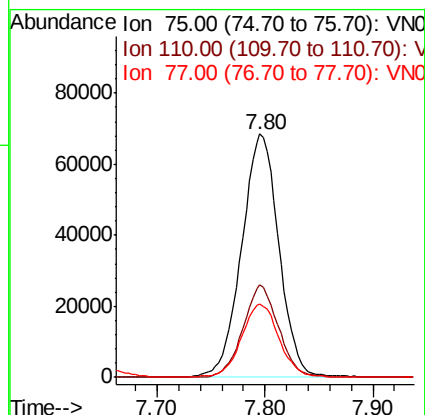
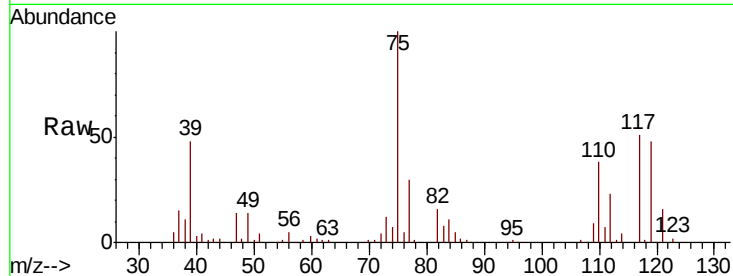




#29
 1,1-Dichloropropene
 Concen: 17.56 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

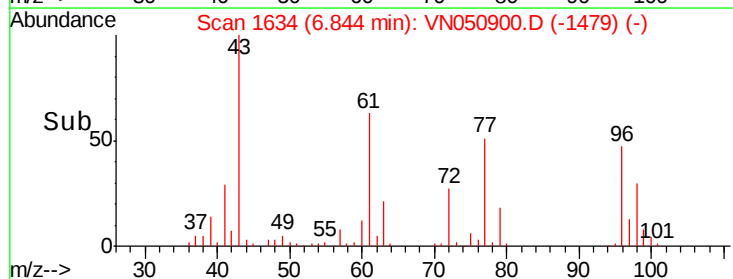
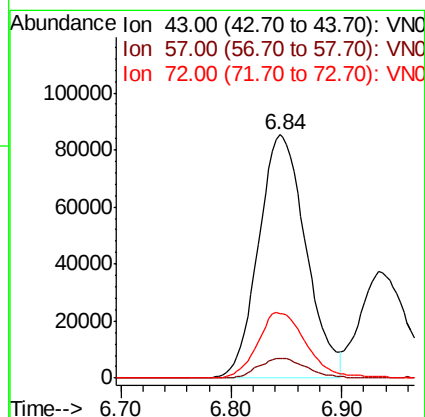
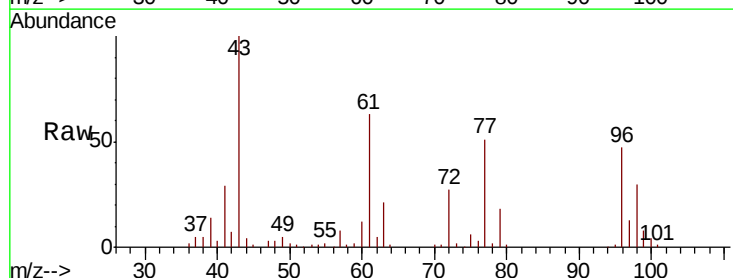
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

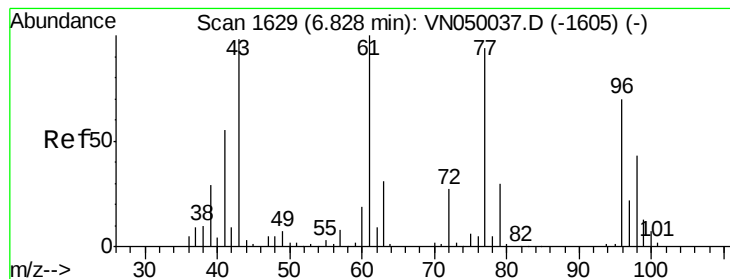
Tot Ion	75	Resp	164636
Ion Ratio	Lower	Upper	
75	100		
110	36.0	0.0	73.2
77	30.5	0.0	62.0



#30
 2-Butanone
 Concen: 86.16 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Tgt Ion	43	Resp	253452
Ion Ratio	Lower	Upper	
43	100		
57	8.4	6.8	10.2
72	27.9	21.4	32.0





#31

2,2-Dichloropropane

Concen: 17.27 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

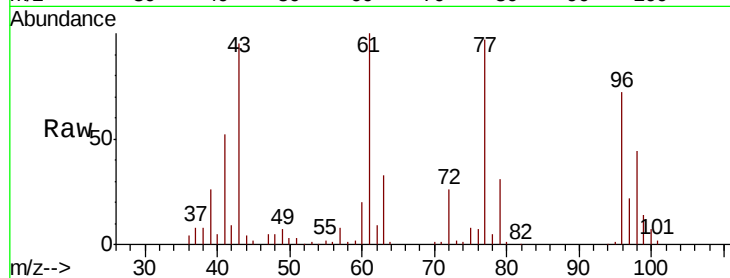
VSTDCCC020

Tot Ion: 77 Resp: 178983

Ion Ratio Lower Upper

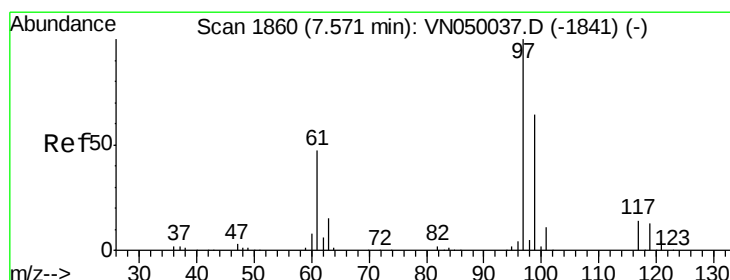
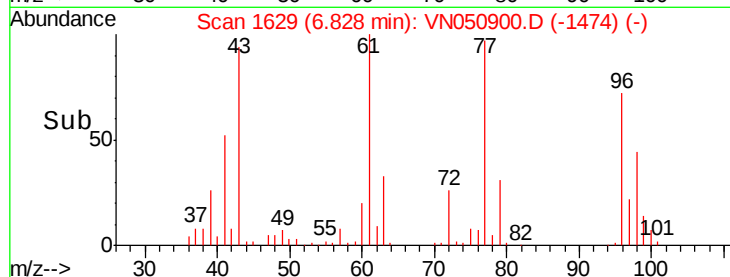
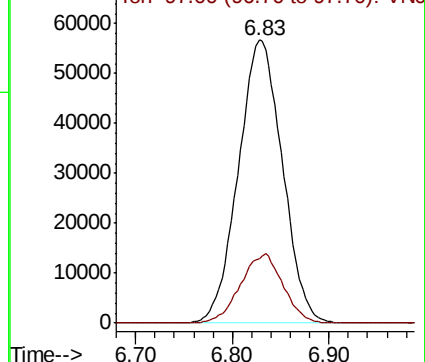
77 100

97 23.8 18.9 28.3



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



#32

1,1,1-Trichloroethane

Concen: 16.90 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

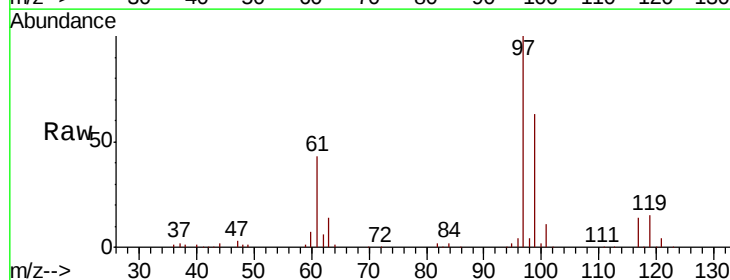
Tgt Ion: 97 Resp: 186426

Ion Ratio Lower Upper

97 100

99 64.9 51.2 76.8

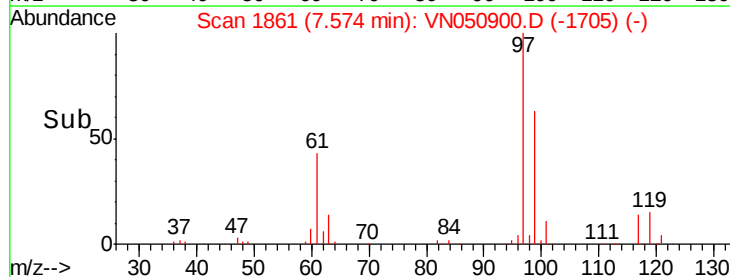
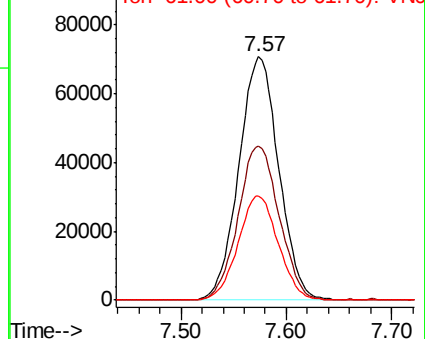
61 43.1 35.3 52.9

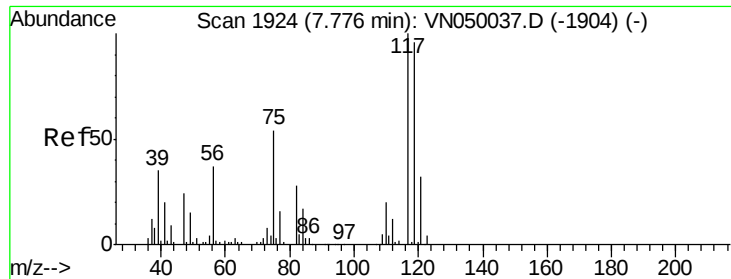


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

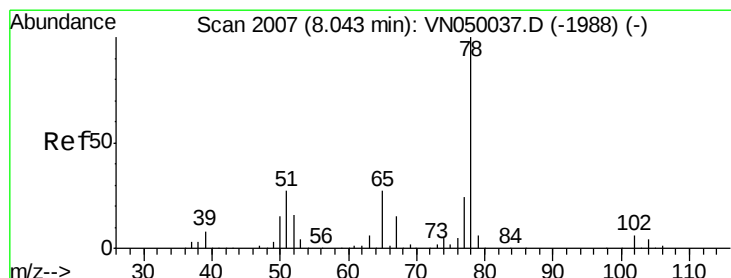
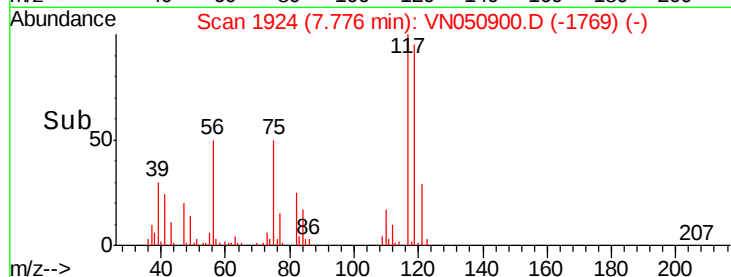
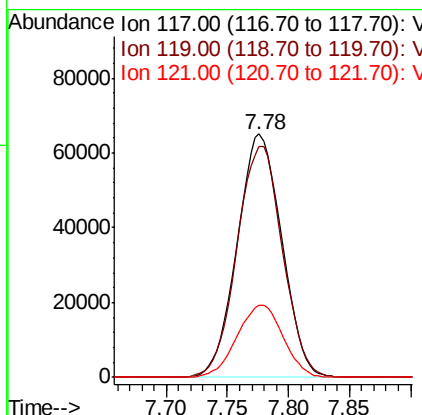
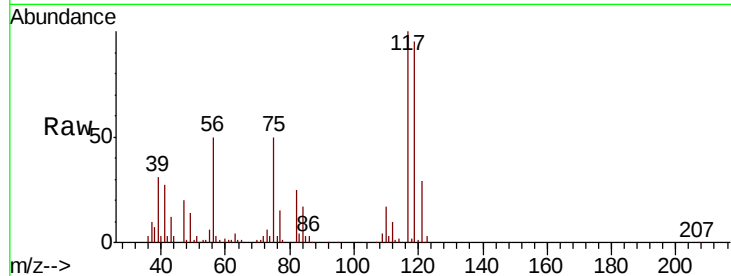




#33
Carbon Tetrachloride
Concen: 16.76 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

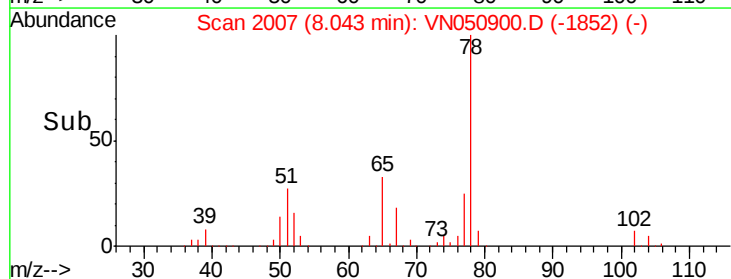
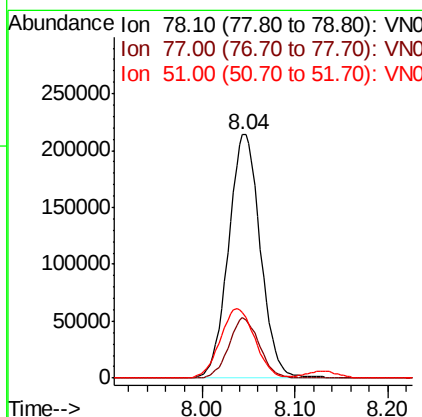
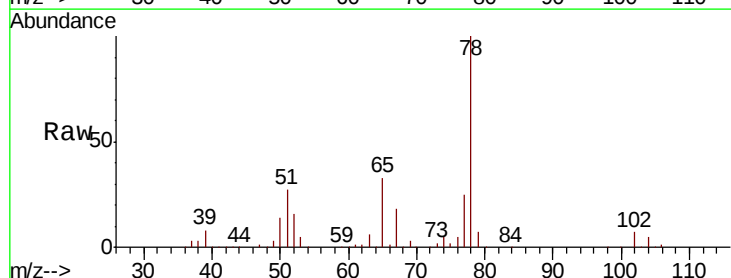
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

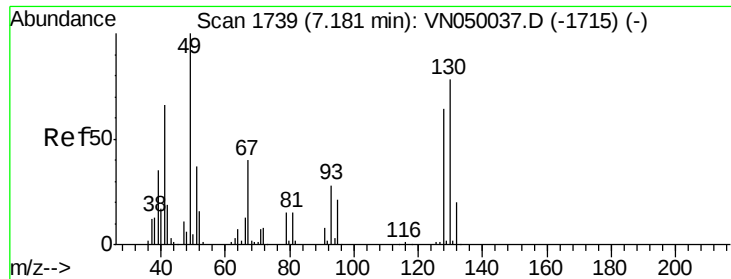
Tot Ion:117 Resp: 164827
Ion Ratio Lower Upper
117 100
119 94.4 76.9 115.3
121 29.4 24.4 36.6



#34
Benzene
Concen: 17.92 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion: 78 Resp: 510084
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7
51 26.7 21.0 31.4

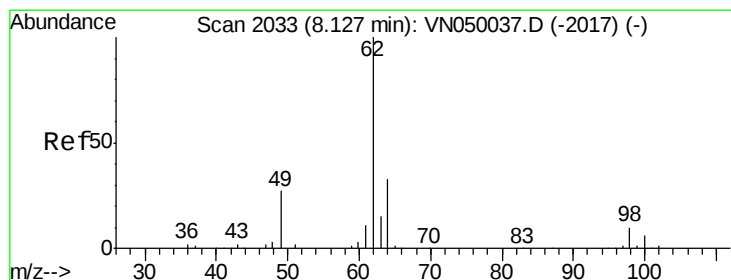
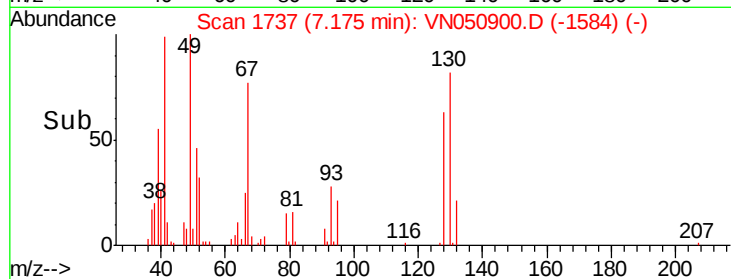
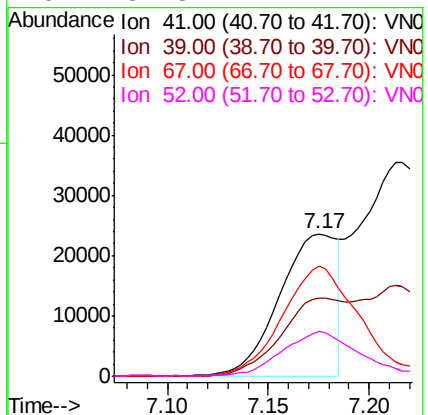
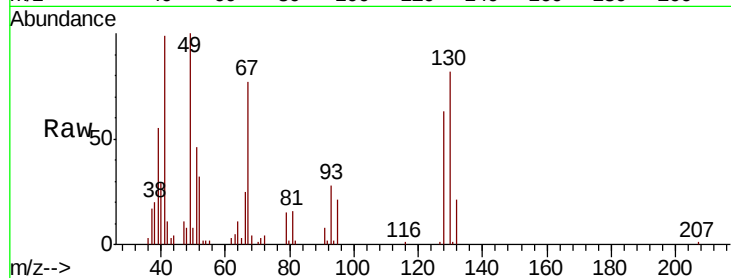




#35
Methacrylonitrile
Concen: 14.03 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

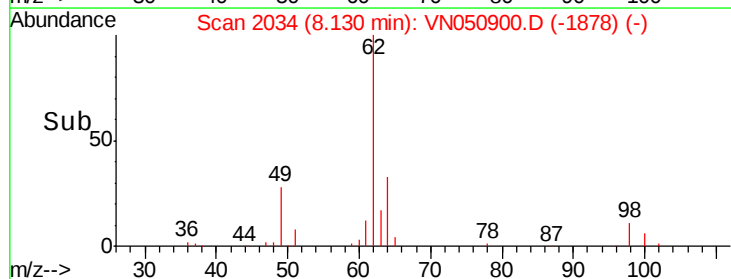
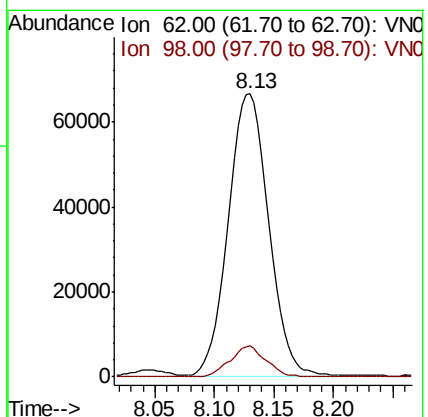
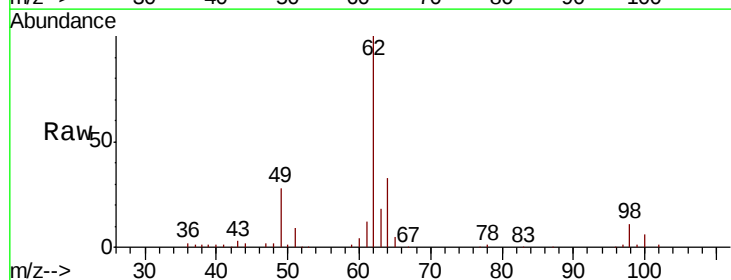
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

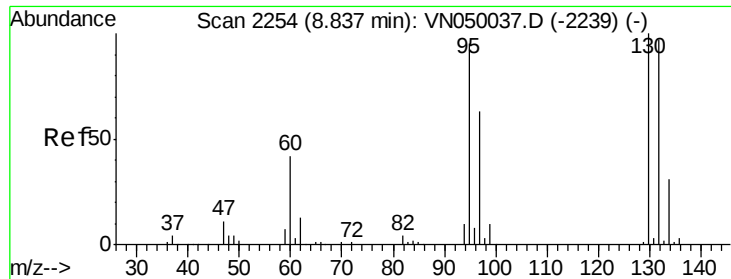
Tot Ion: 41 Resp: 47006
Ion Ratio Lower Upper
41 100
39 55.4 27.6 82.7
67 77.8 35.1 105.5
52 31.8 14.1 42.4



#36
1,2-Dichloroethane
Concen: 16.72 ug/l
RT: 8.13 min Scan# 2034
Delta R.T. 0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion: 62 Resp: 156334
Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.6

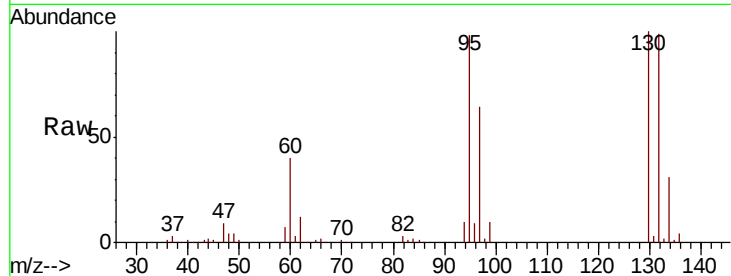




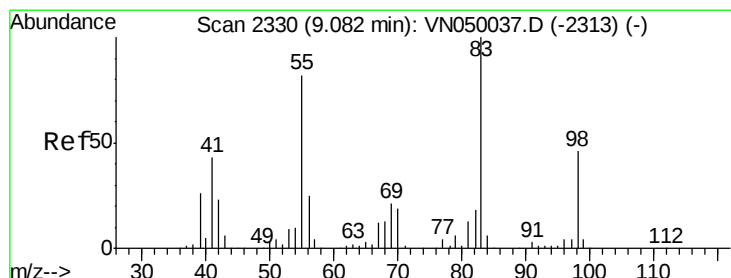
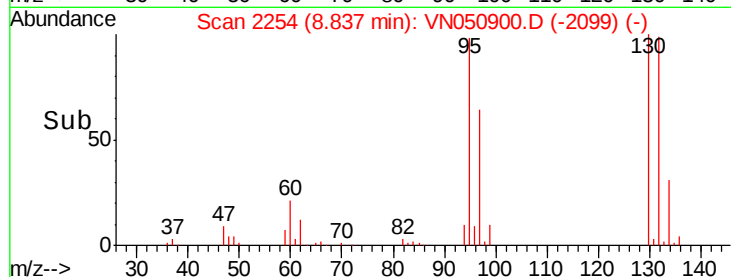
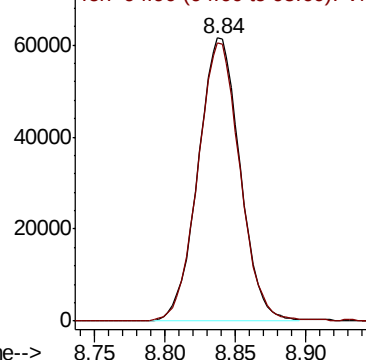
#37
 Trichloroethene
 Concen: 17.10 ug/l
 RT: 8.84 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 127645
 Ion Ratio Lower Upper
 130 100
 95 98.3 79.7 119.5

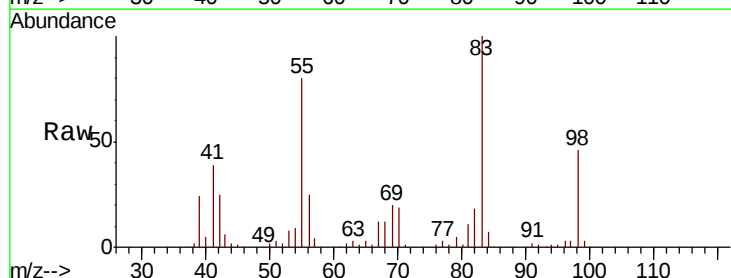


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

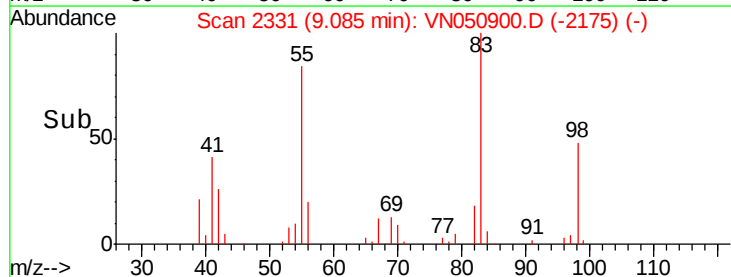
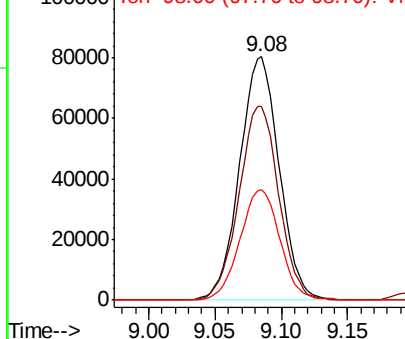


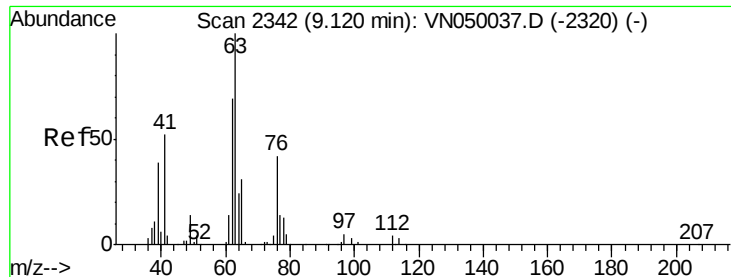
#38
 Methylcyclohexane
 Concen: 16.88 ug/l
 RT: 9.08 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Tgt Ion: 83 Resp: 166865
 Ion Ratio Lower Upper
 83 100
 55 80.2 39.3 117.8
 98 46.1 23.0 69.0



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





#39

1,2-Dichloropropane

Concen: 17.97 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

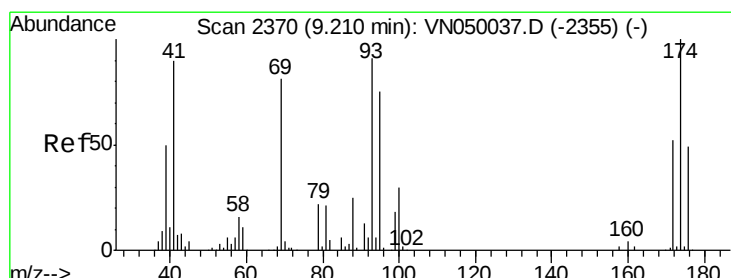
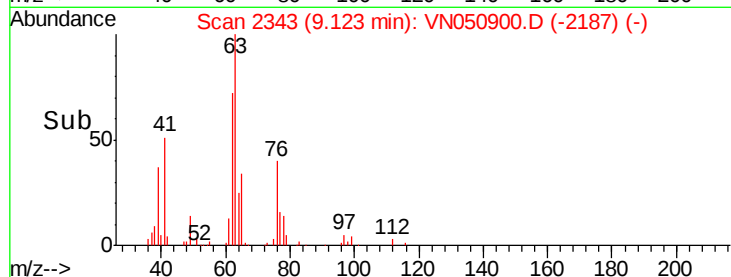
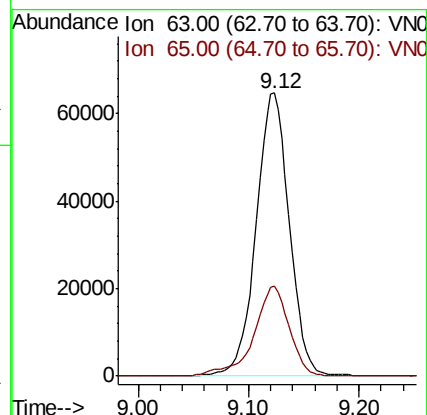
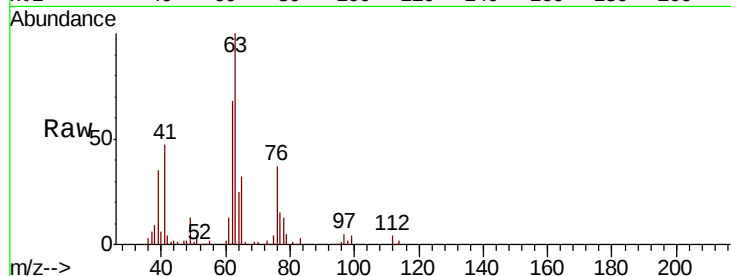
VSTDCCC020

Tot Ion: 63 Resp: 134789

Ion Ratio Lower Upper

63 100

65 31.4 24.2 36.2



#40

Dibromomethane

Concen: 17.56 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

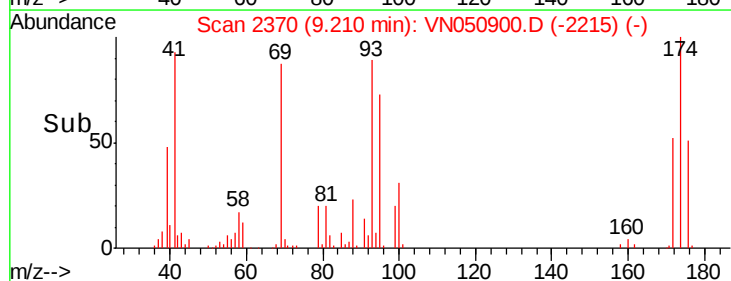
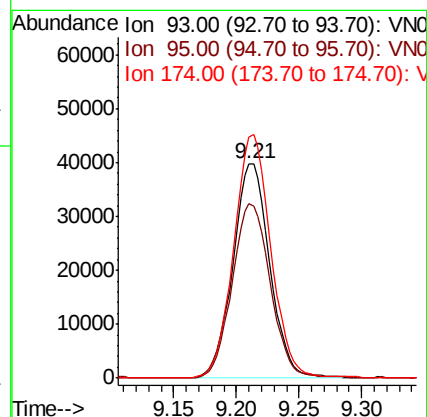
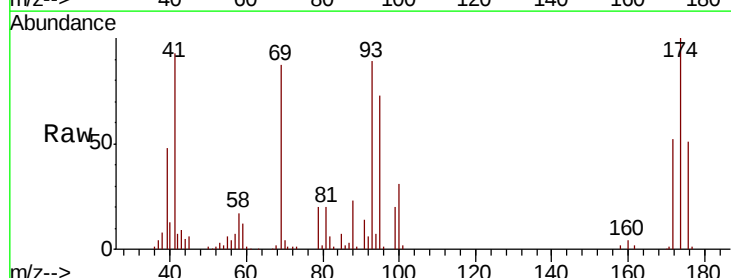
Tgt Ion: 93 Resp: 81389

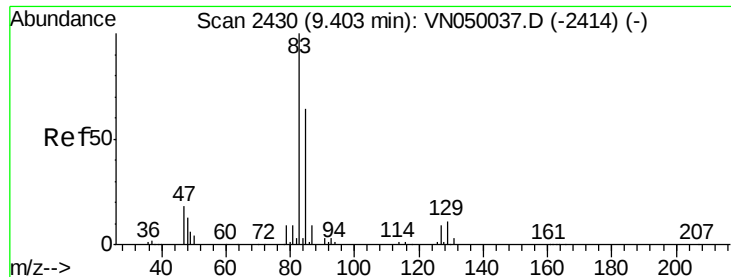
Ion Ratio Lower Upper

93 100

95 83.8 0.0 165.6

174 114.0 0.0 223.2





#41

Bromodichloromethane

Concen: 17.03 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

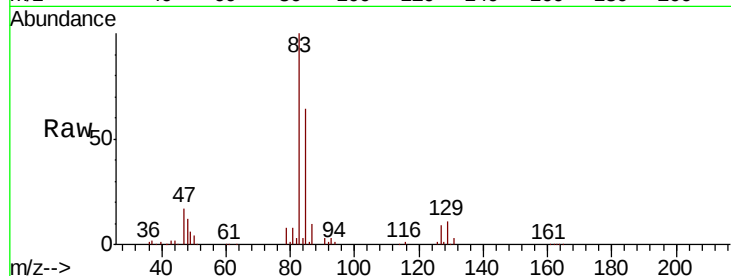
Tot Ion: 83 Resp: 166473

Ion Ratio Lower Upper

83 100

85 64.4 52.6 78.8

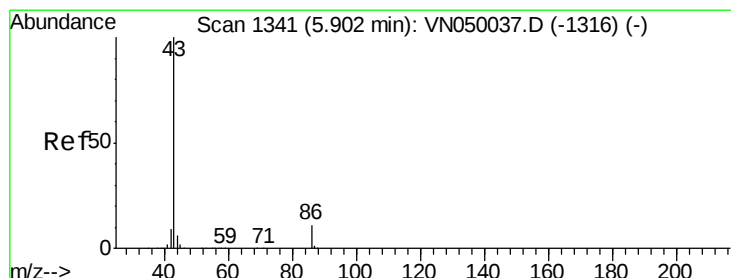
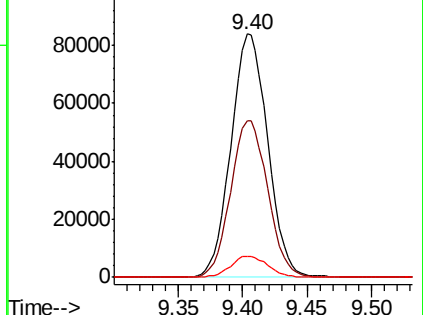
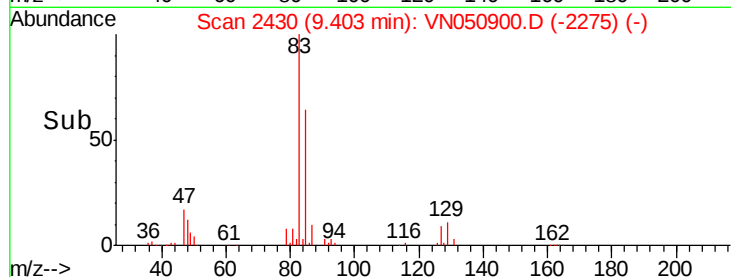
127 8.7 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN050900.D (-2275) (-)

Ion 85.00 (84.70 to 85.70): VN050900.D (-2275) (-)

Ion 127.00 (126.70 to 127.70): VN050900.D (-2275) (-)



#42

Vinyl Acetate

Concen: 82.78 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VN050900.D

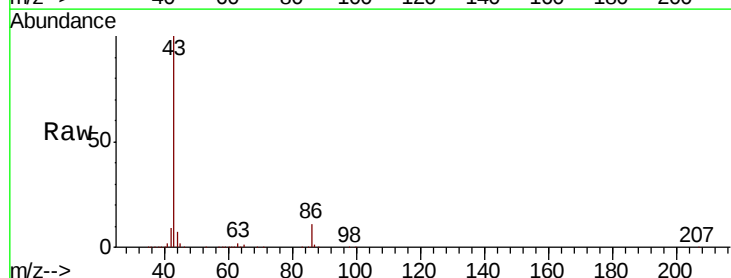
Acq: 27 Aug 2018 17:25

Tgt Ion: 43 Resp: 1145928

Ion Ratio Lower Upper

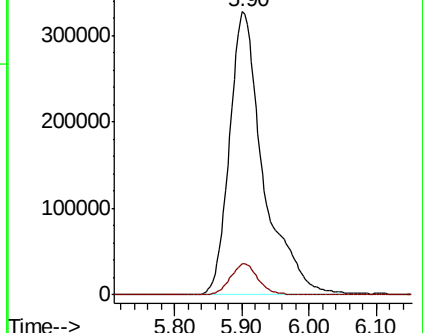
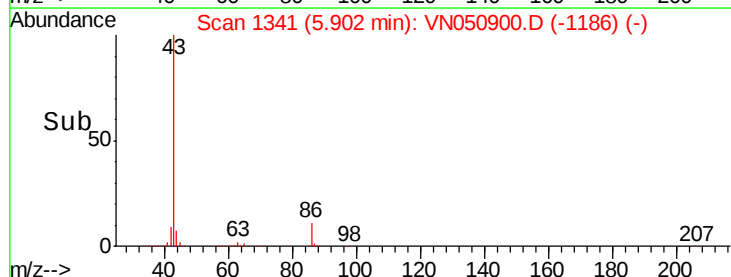
43 100

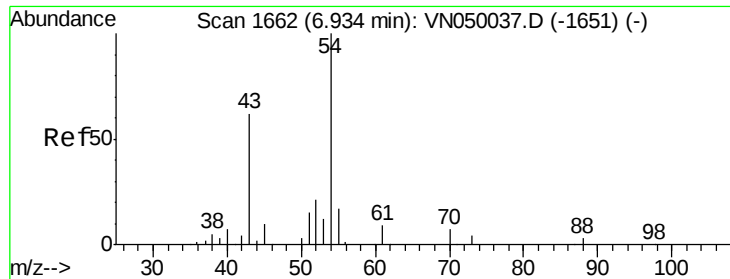
86 9.1 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN050900.D (-1186) (-)

Ion 86.00 (85.70 to 86.70): VN050900.D (-1186) (-)





#43

Ethyl Acetate

Concen: 15.62 ug/l

RT: 6.93 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

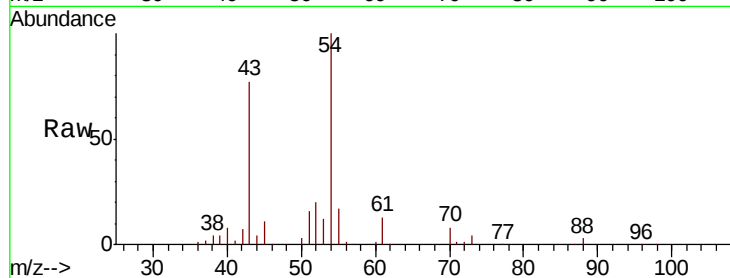
VSTDCCC020

Tot Ion: 43 Resp: 95947

Ion Ratio Lower Upper

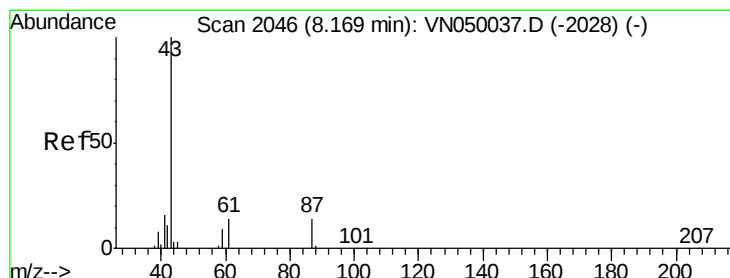
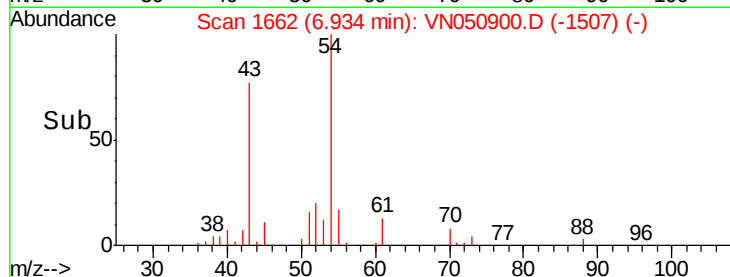
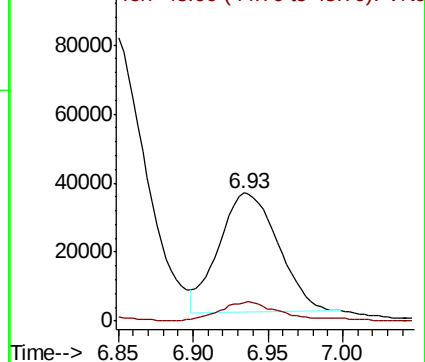
43 100

45 14.3 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 17.07 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN050900.D

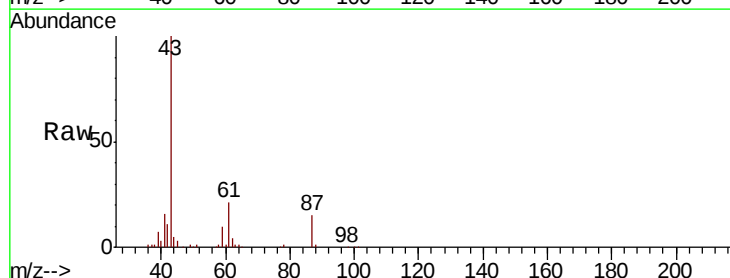
Acq: 27 Aug 2018 17:25

Tgt Ion: 43 Resp: 194284

Ion Ratio Lower Upper

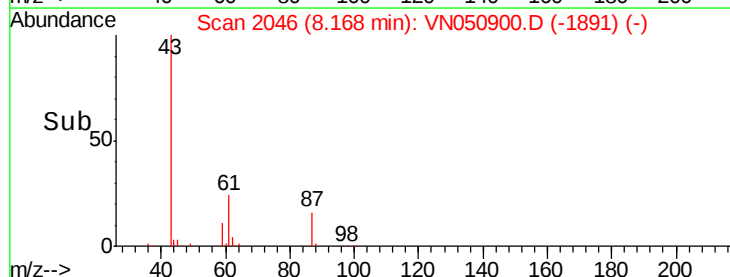
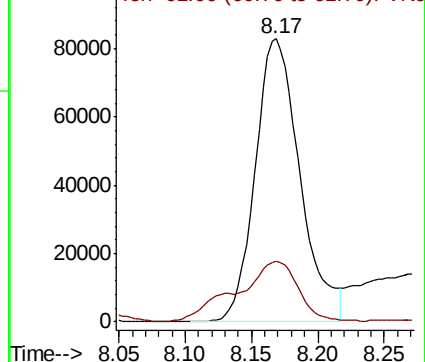
43 100

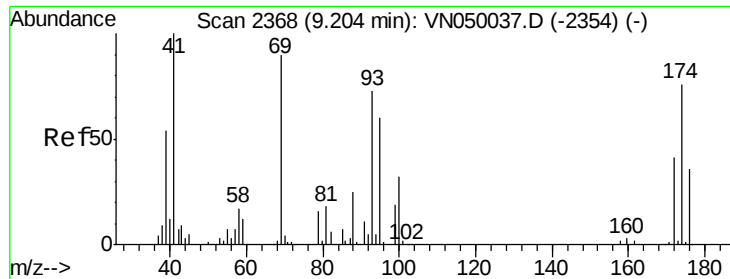
61 19.1 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

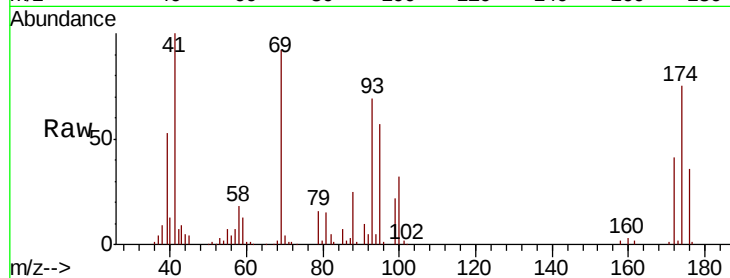




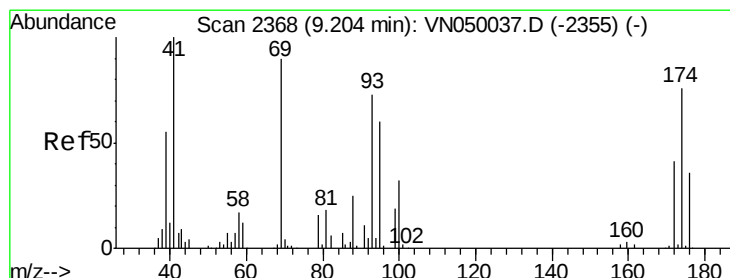
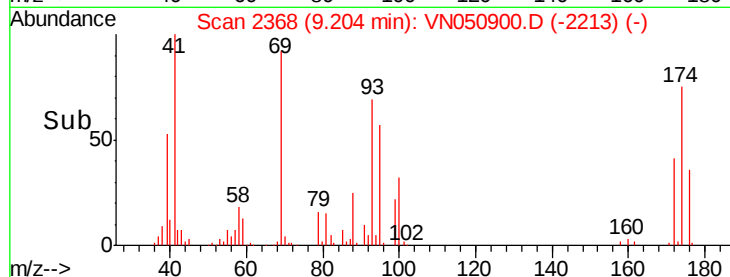
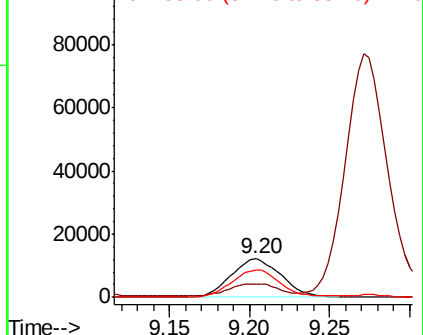
#45
 1,4-Dioxane
 Concen: 347.48 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion: 88 Resp: 26019
 Ion Ratio Lower Upper
 88 100
 43 29.6 26.9 40.3
 58 68.6 53.6 80.4

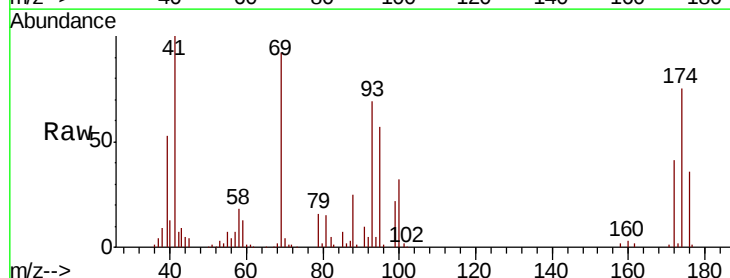


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

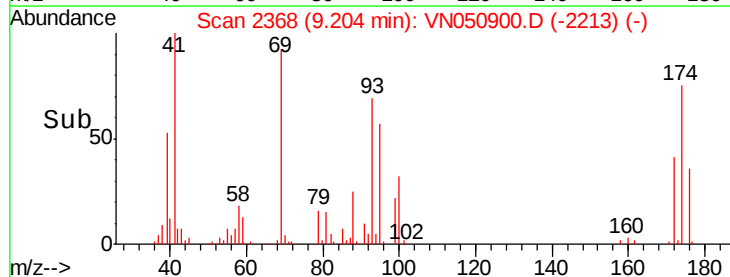
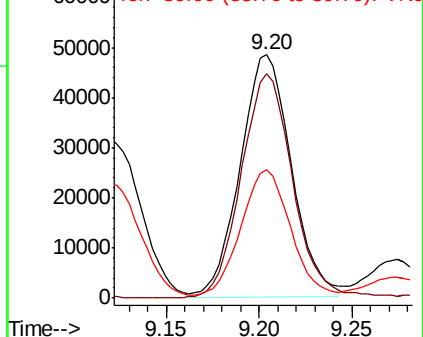


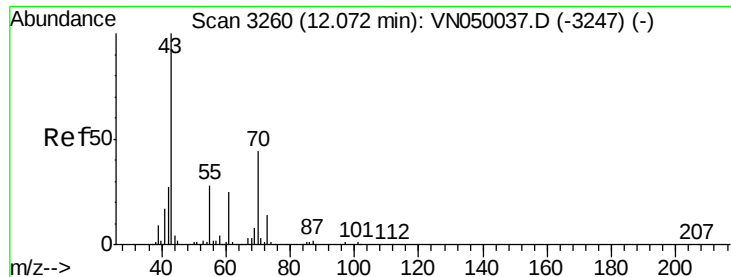
#46
 Methyl methacrylate
 Concen: 16.84 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Tgt Ion: 41 Resp: 92892
 Ion Ratio Lower Upper
 41 100
 69 93.4 44.0 132.1
 39 52.2 27.0 80.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

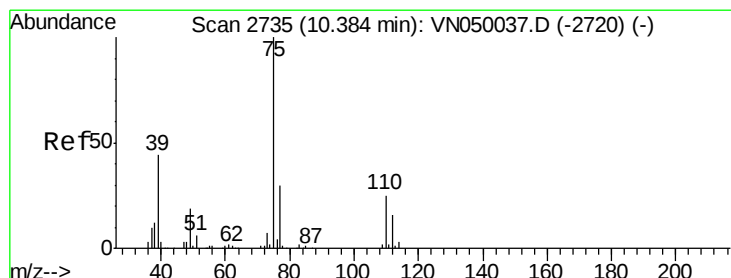
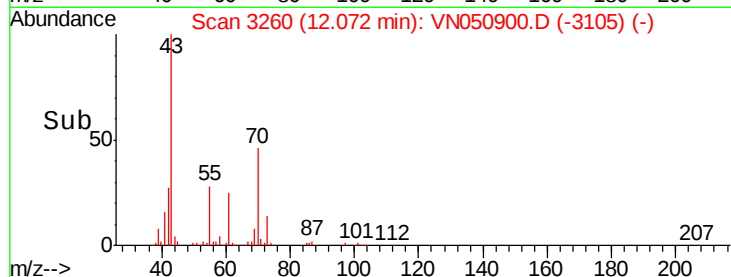
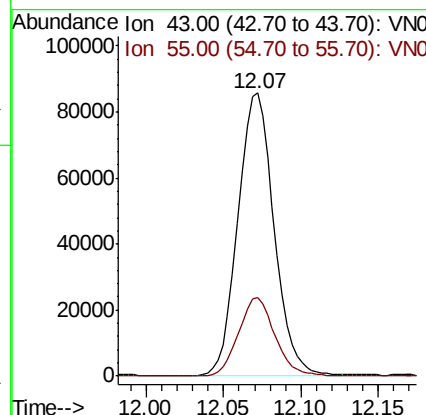
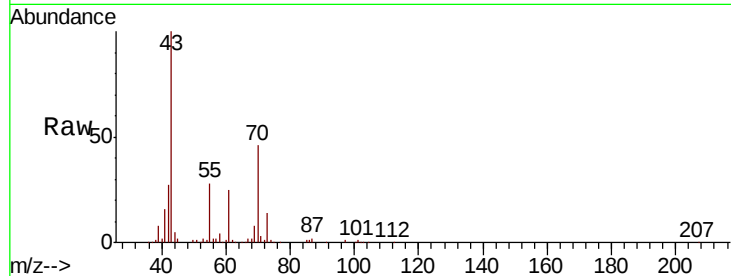




#47
n-amyl Acetate
Concen: 15.59 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

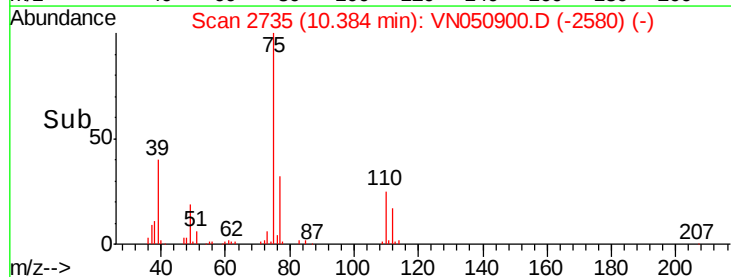
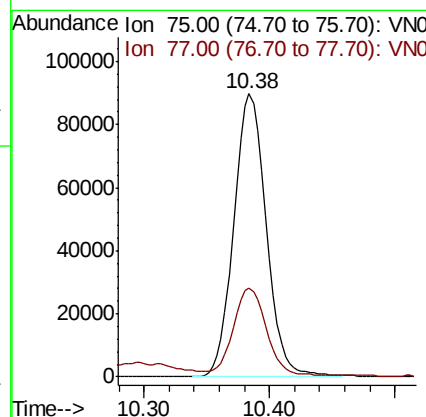
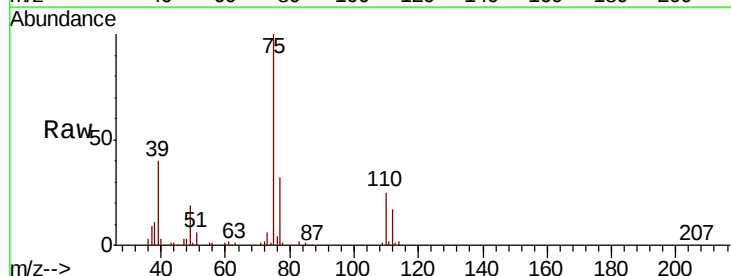
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

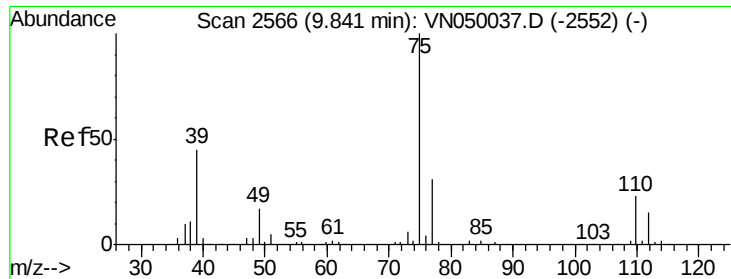
Tot Ion: 43 Resp: 138074
Ion Ratio Lower Upper
43 100
55 28.2 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 17.33 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion: 75 Resp: 161497
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0



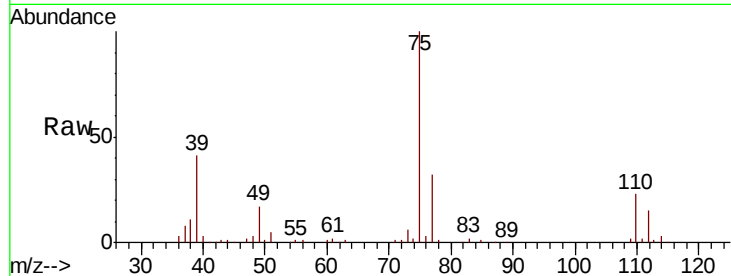


#49

cis-1,3-Dichloropropene
 Concen: 17.22 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5
39	41.0	36.3	54.5

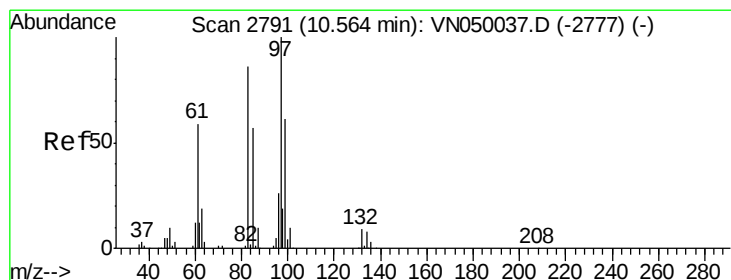
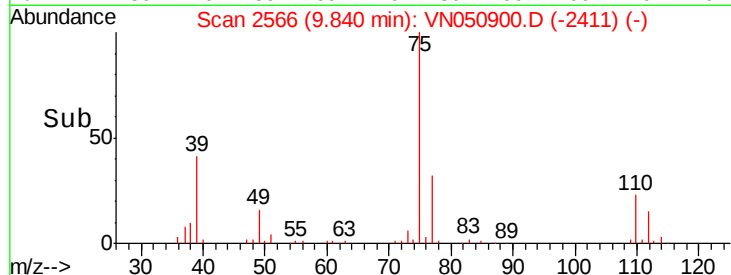
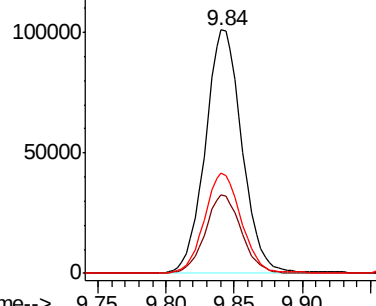


Abundance

Ion 75.00 (74.70 to 75.70): VNO

Ion 77.00 (76.70 to 77.70): VNO

Ion 39.00 (38.70 to 39.70): VNO



#50

1,1,2-Trichloroethane
 Concen: 17.54 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.1	102.1
85	54.6	45.4	68.2
99	60.9	49.4	74.0

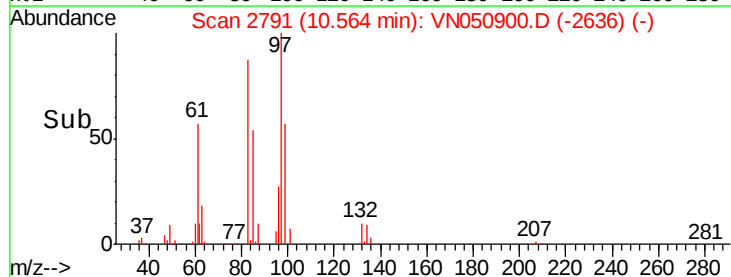
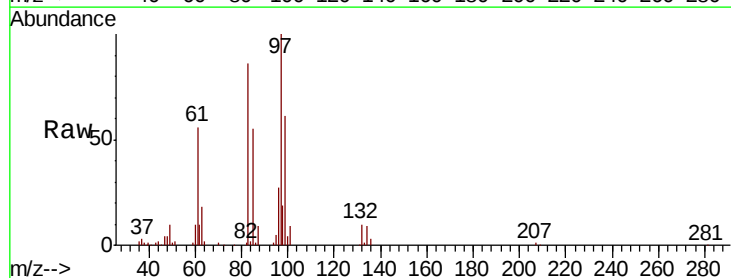
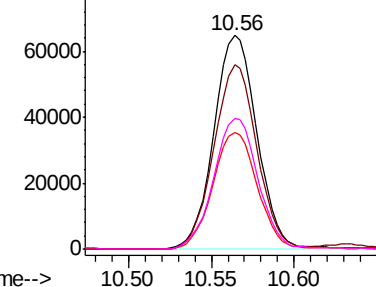
Abundance

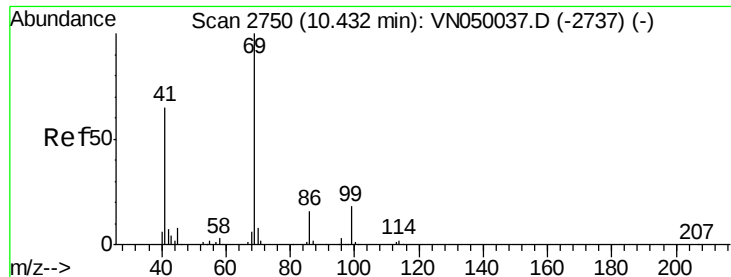
Ion 97.00 (96.70 to 97.70): VNO

Ion 82.95 (82.65 to 83.65): VNO

Ion 84.95 (84.65 to 85.65): VNO

Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 16.54 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

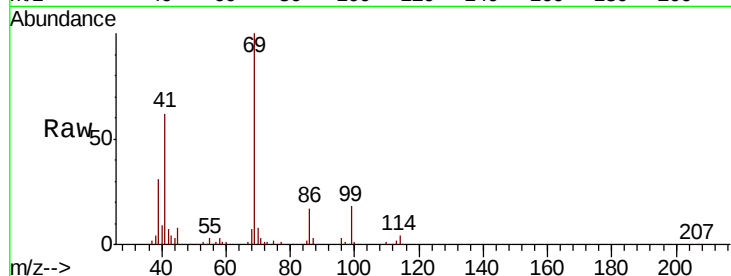
Tot Ion: 69 Resp: 133560

Ion Ratio Lower Upper

69 100

41 62.0 31.9 95.9

39 30.4 16.7 50.1

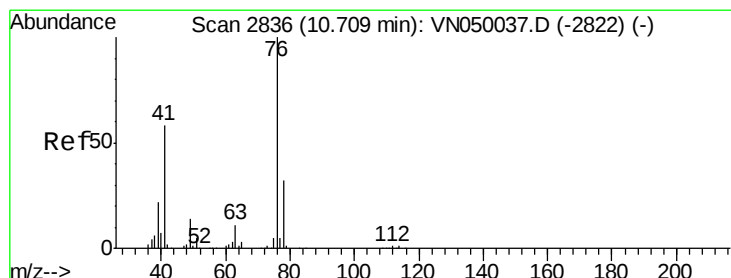
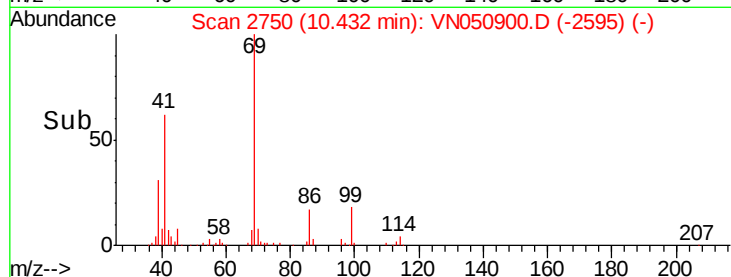
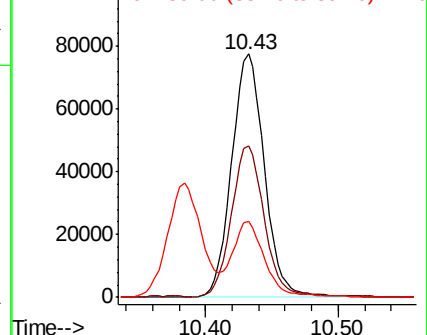


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 17.63 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050900.D

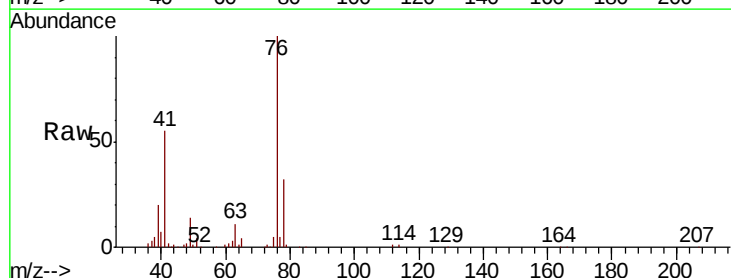
Acq: 27 Aug 2018 17:25

Tgt Ion: 76 Resp: 192571

Ion Ratio Lower Upper

76 100

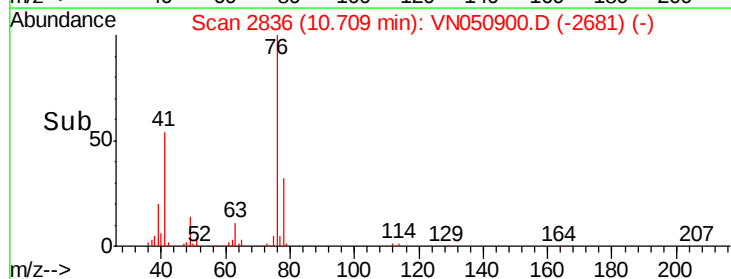
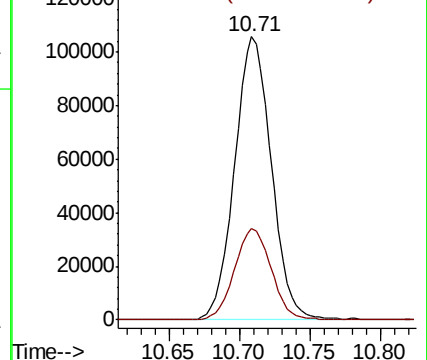
78 32.3 0.0 65.6

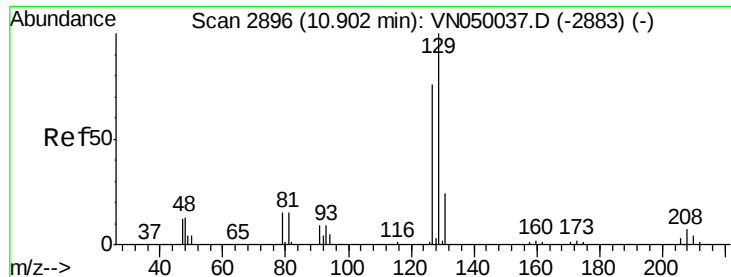


Abundance

Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

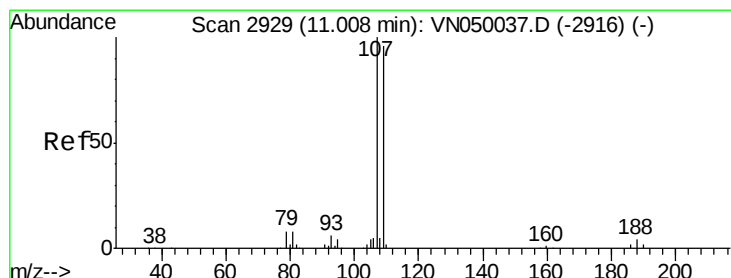
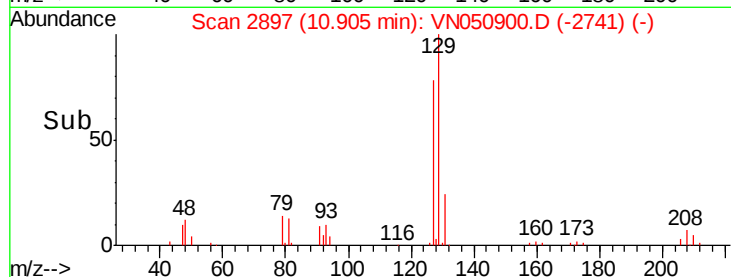
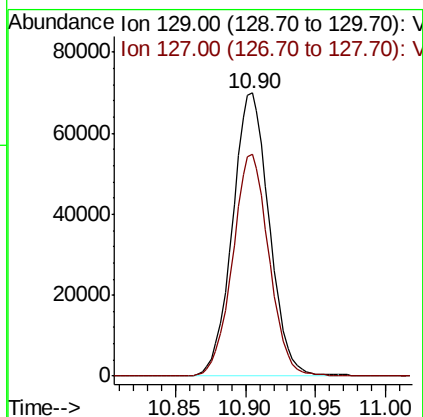
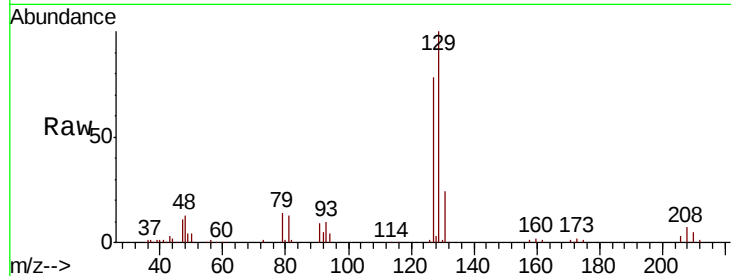




#53
 Dibromochloromethane
 Concen: 16.90 ug/l
 RT: 10.90 min Scan# 2897
 Delta R.T. 0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

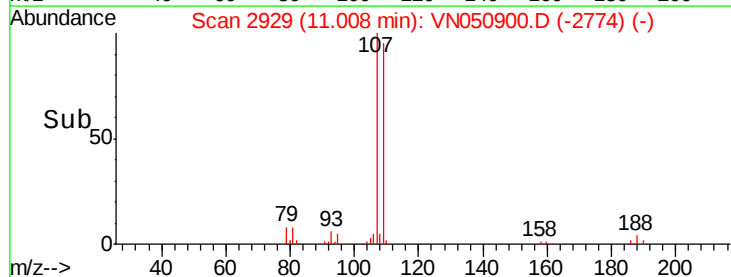
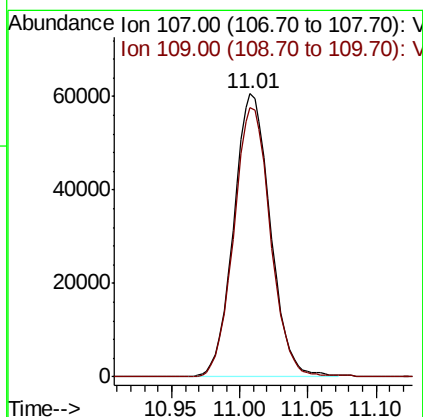
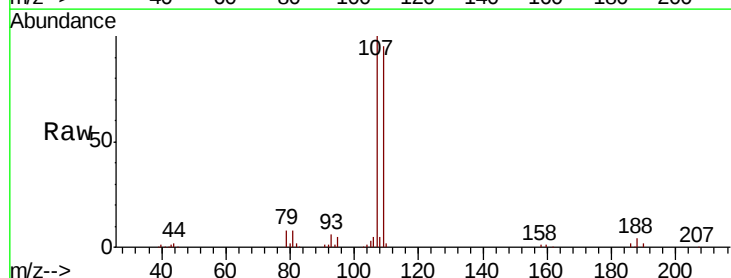
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

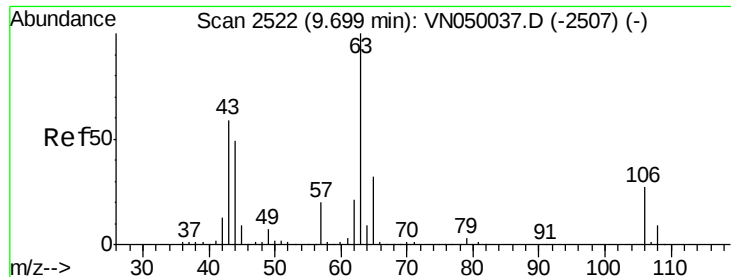
Tot Ion:129 Resp: 127583
 Ion Ratio Lower Upper
 129 100
 127 77.5 38.1 114.5



#54
 1,2-Dibromoethane
 Concen: 17.38 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Tgt Ion:107 Resp: 113230
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.2 114.2

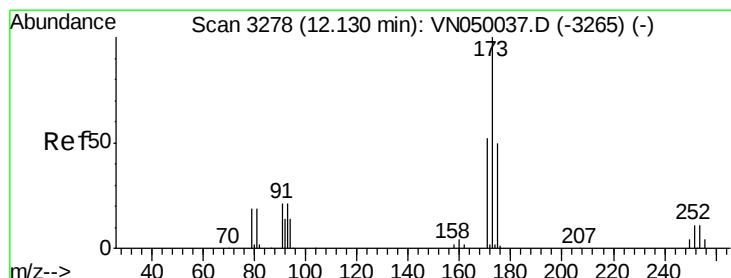
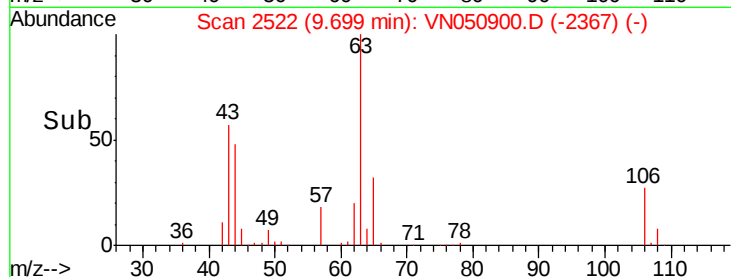
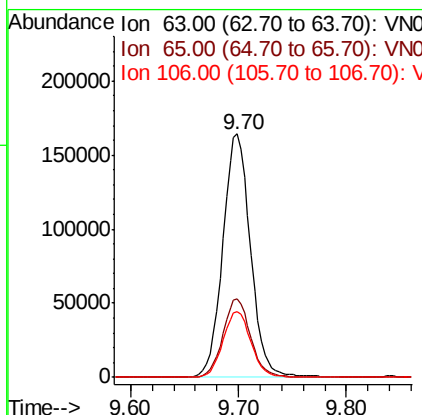
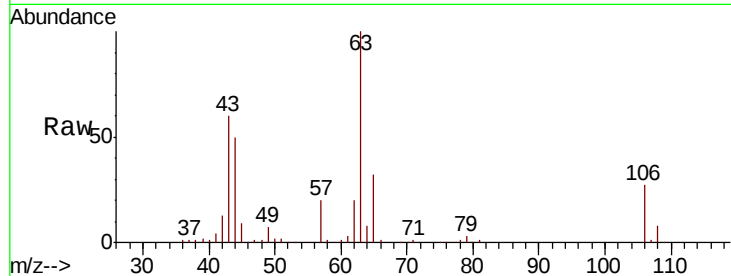




#55
2-Chloroethyl vinyl ether
Concen: 80.34 ug/l
RT: 9.70 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

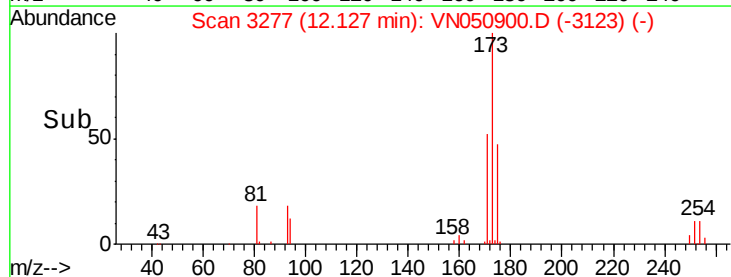
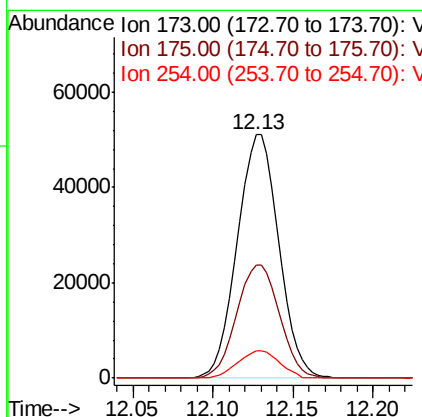
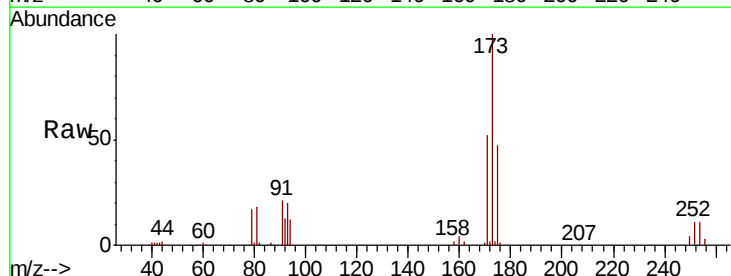
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

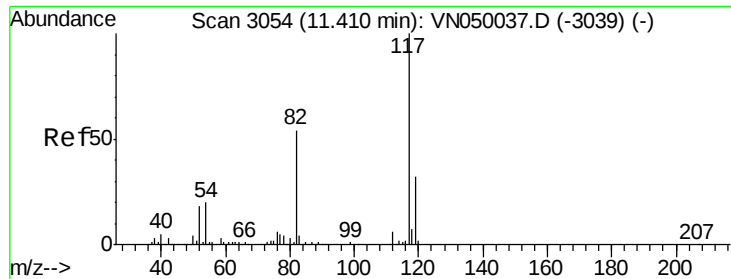
Tot Ion: 63 Resp: 293648
Ion Ratio Lower Upper
63 100
65 32.1 25.5 38.3
106 27.4 21.8 32.6



#56
Bromoform
Concen: 17.00 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion: 173 Resp: 90628
Ion Ratio Lower Upper
173 100
175 48.0 38.6 57.8
254 11.2 8.8 13.2

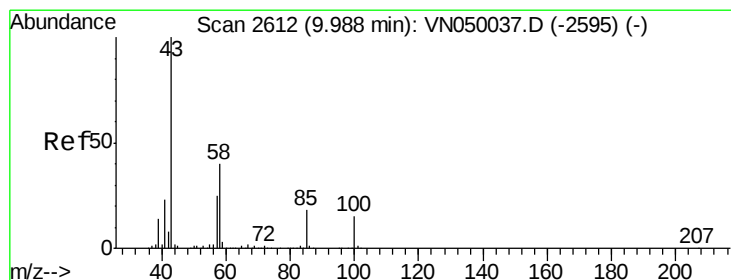
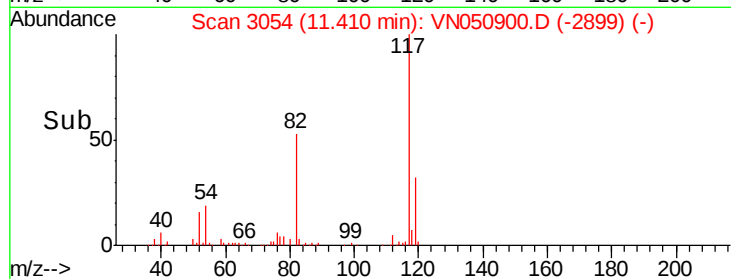
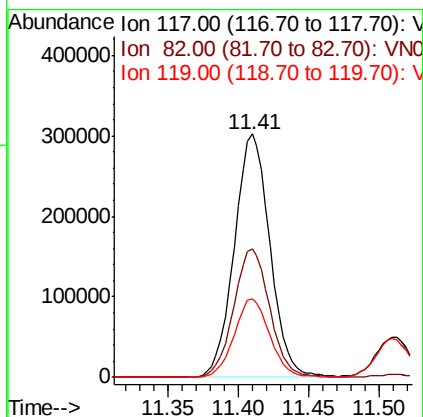
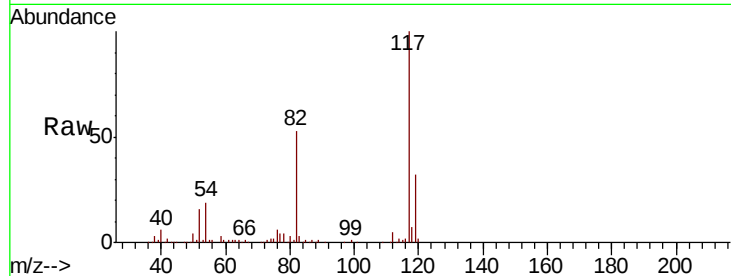




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

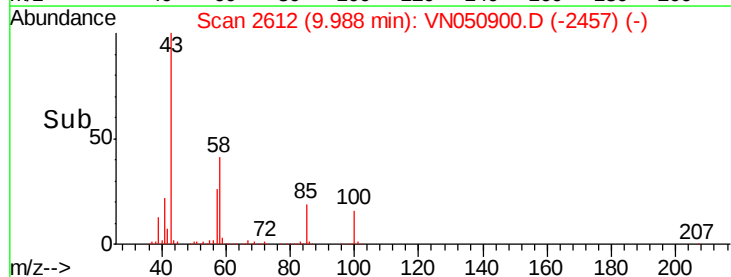
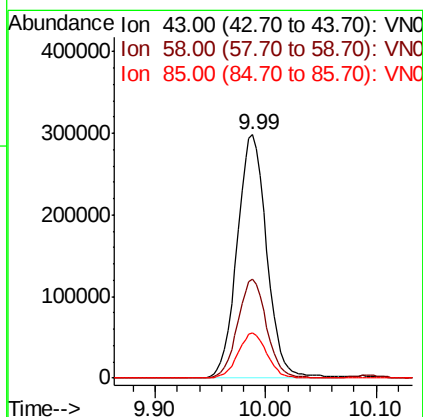
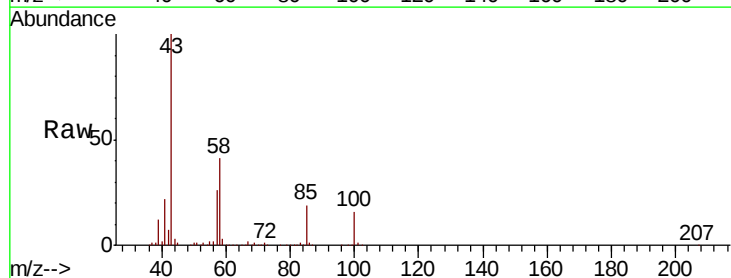
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

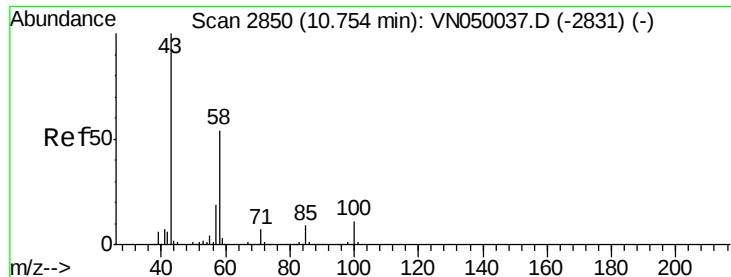
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.4	63.6
119	32.2	25.4	38.0



#58
4-Methyl-2-Pentanone
Concen: 88.56 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.2	46.8
85	18.3	14.4	21.6

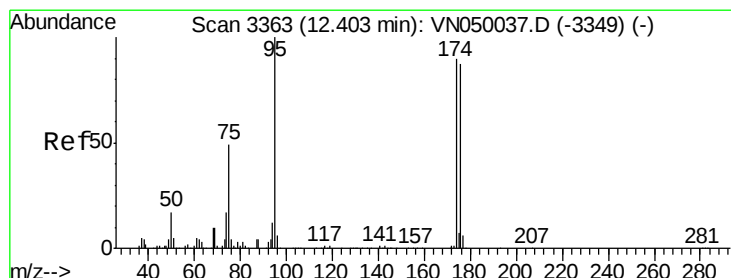
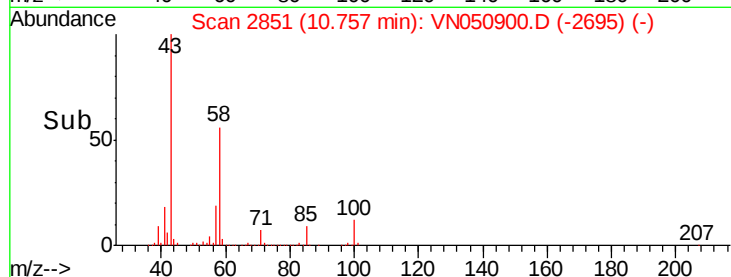
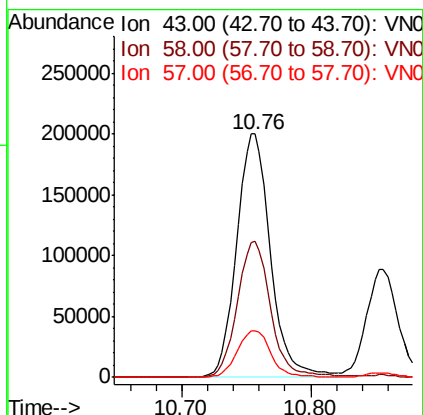
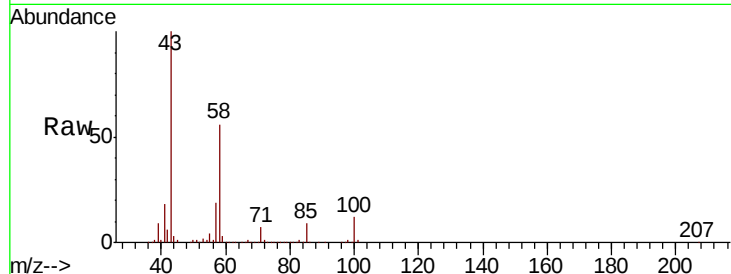




#59
2-Hexanone
Concen: 85.38 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

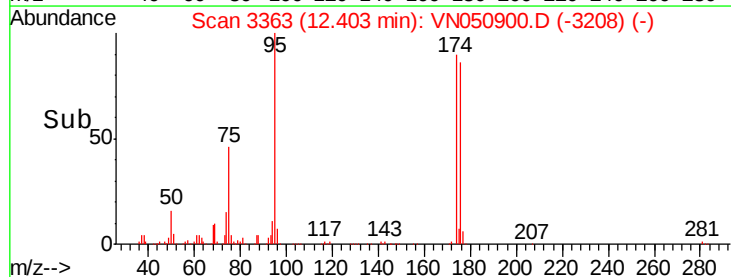
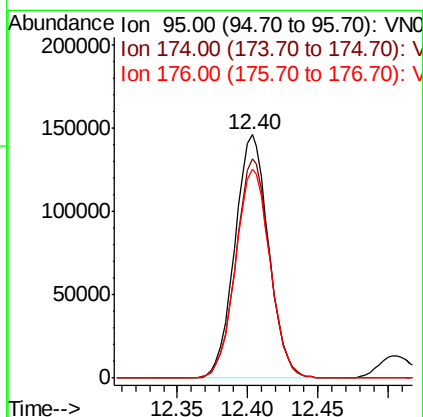
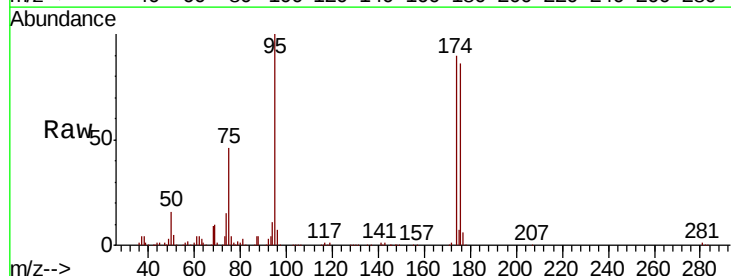
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

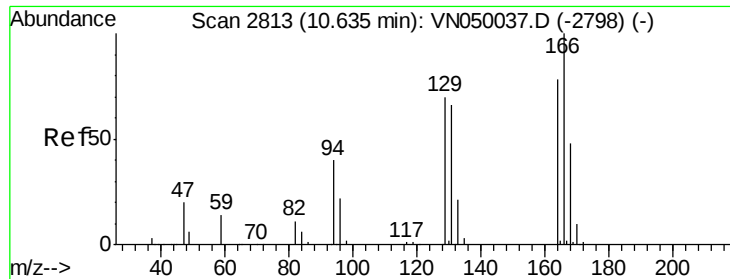
Tot Ion: 43 Resp: 363268
Ion Ratio Lower Upper
43 100
58 55.4 43.8 65.8
57 19.1 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 29.80 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion: 95 Resp: 245374
Ion Ratio Lower Upper
95 100
174 90.3 72.3 108.5
176 87.8 70.0 105.0





#61

Tetrachloroethene

Concen: 16.25 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 117953

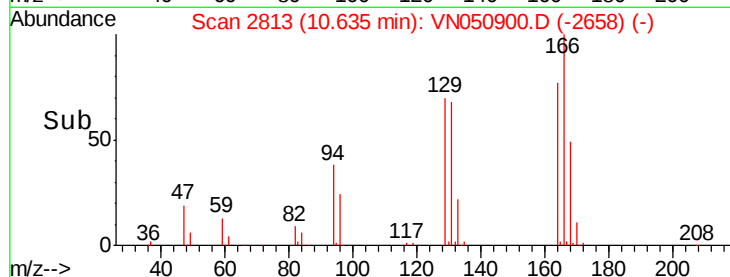
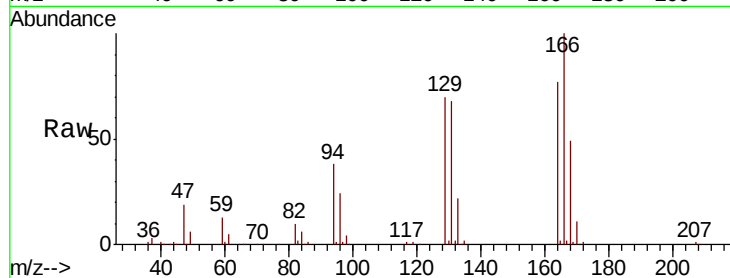
Ion Ratio Lower Upper

164 100

166 129.4 100.0 150.0

129 90.3 69.3 103.9

131 87.9 68.8 103.2

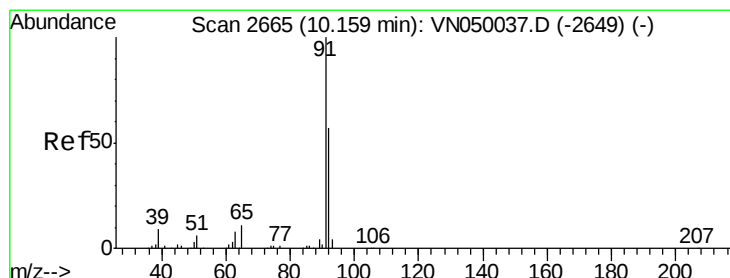
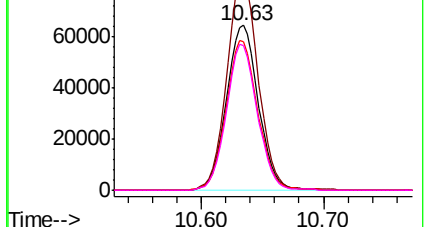


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 17.45 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. -0.00 min

Lab File: VN050900.D

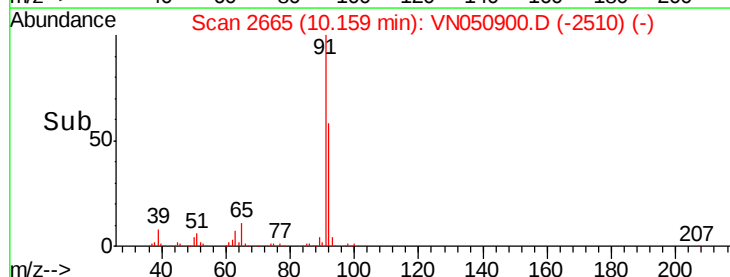
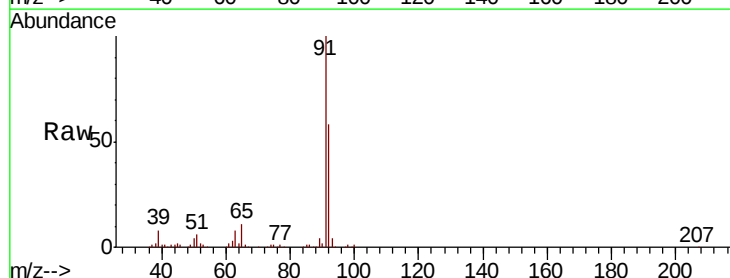
Acq: 27 Aug 2018 17:25

Tgt Ion: 91 Resp: 533553

Ion Ratio Lower Upper

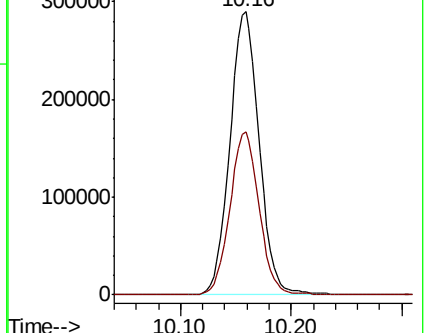
91 100

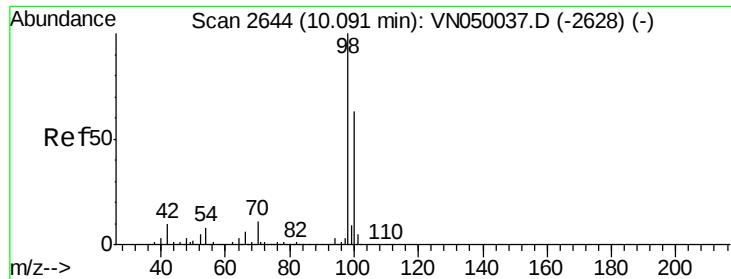
92 57.5 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 29.74 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

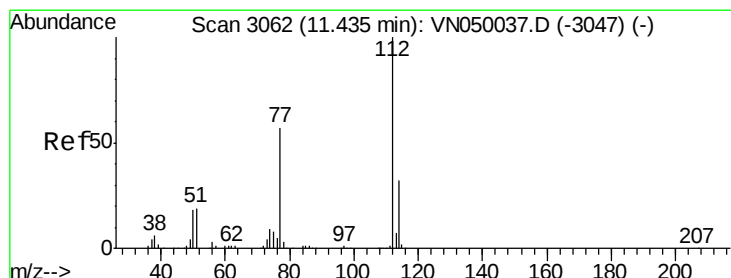
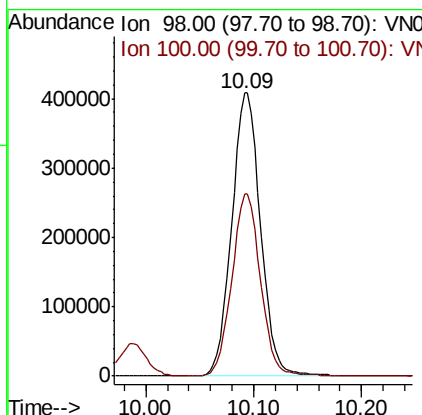
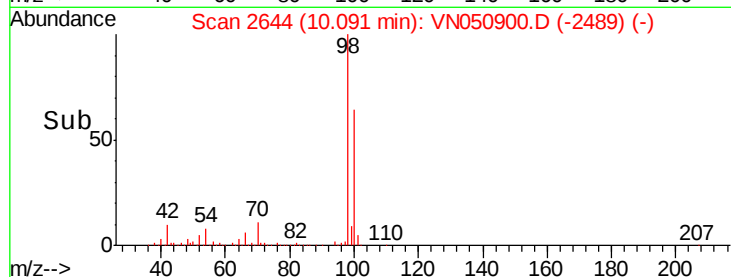
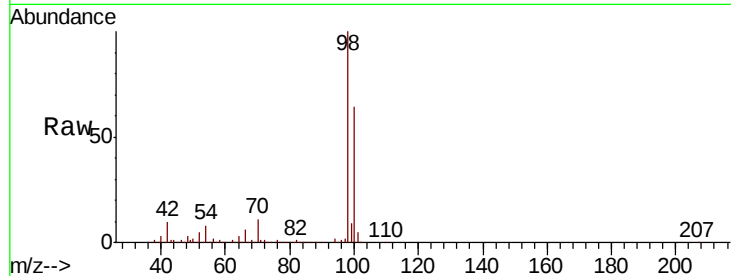
VSTDCCC020

Tot Ion: 98 Resp: 761457

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



#64

Chlorobenzene

Concen: 17.67 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN050900.D

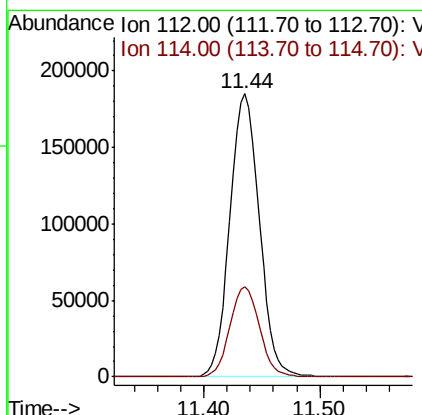
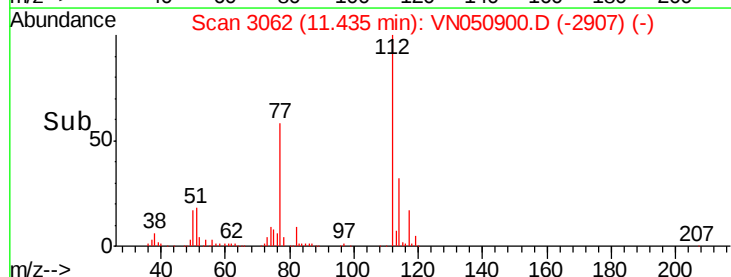
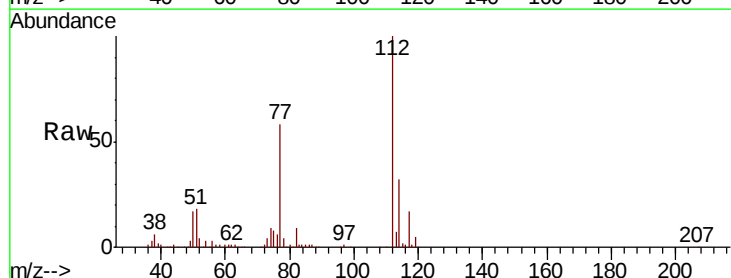
Acq: 27 Aug 2018 17:25

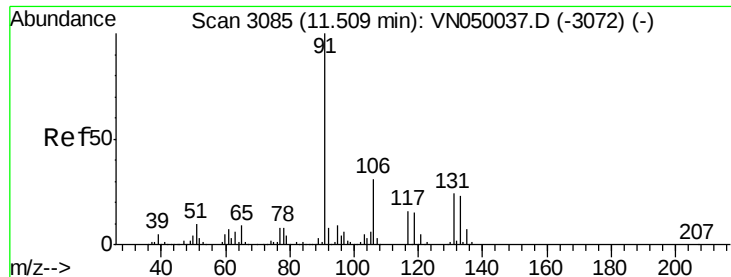
Tgt Ion: 112 Resp: 327584

Ion Ratio Lower Upper

112 100

114 31.8 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 17.39 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

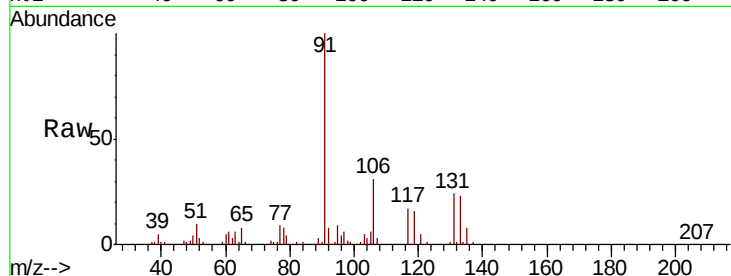
Tot Ion:131 Resp: 125816

Ion Ratio Lower Upper

131 100

133 94.9 0.0 190.0

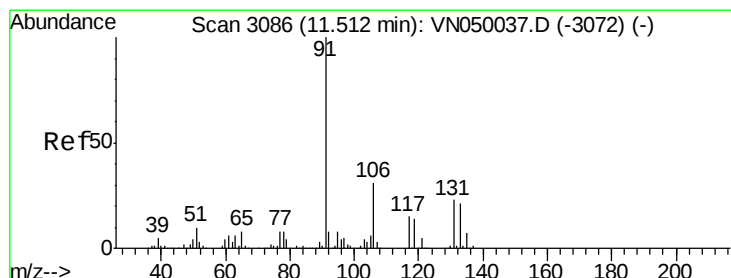
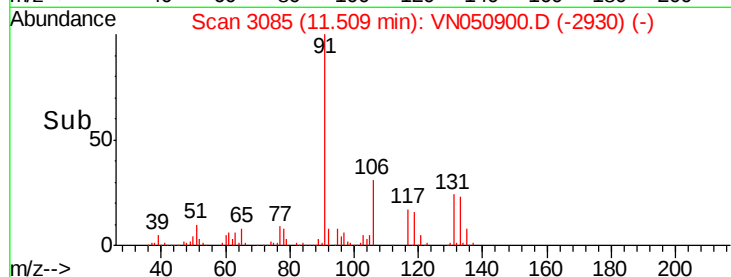
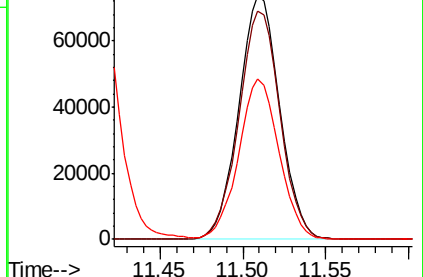
119 65.3 0.0 131.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 16.75 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050900.D

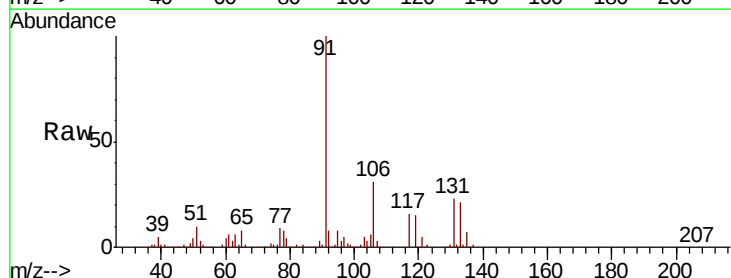
Acq: 27 Aug 2018 17:25

Tgt Ion: 91 Resp: 523455

Ion Ratio Lower Upper

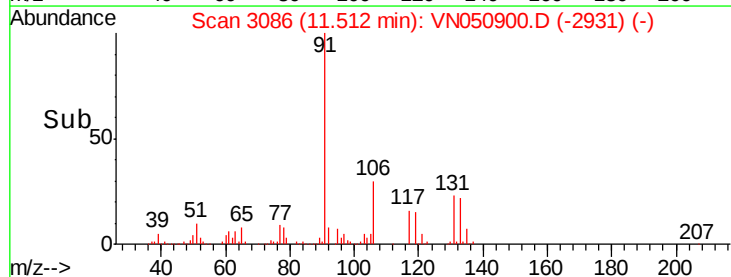
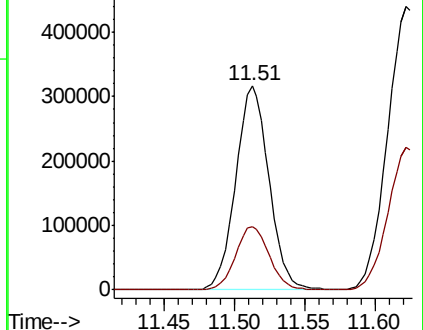
91 100

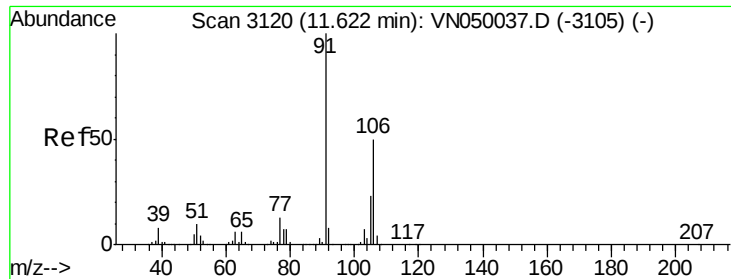
106 31.2 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 34.57 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

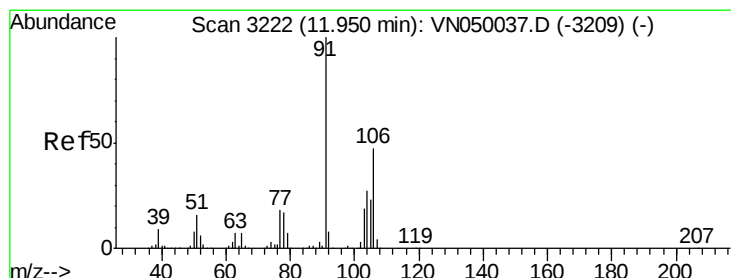
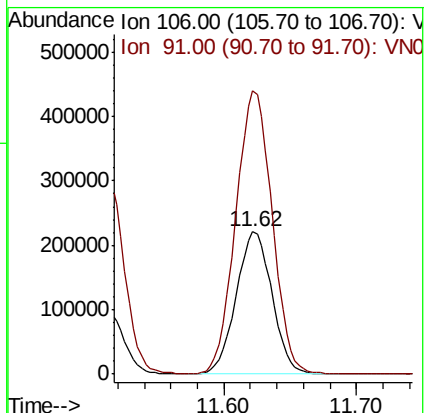
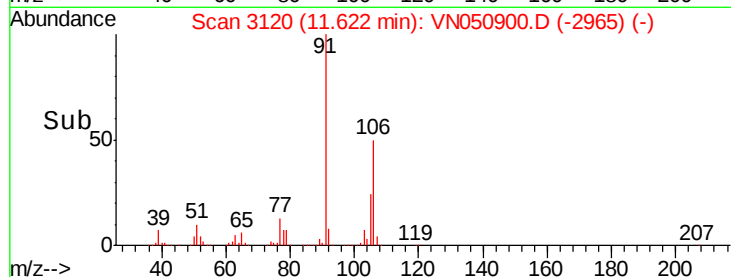
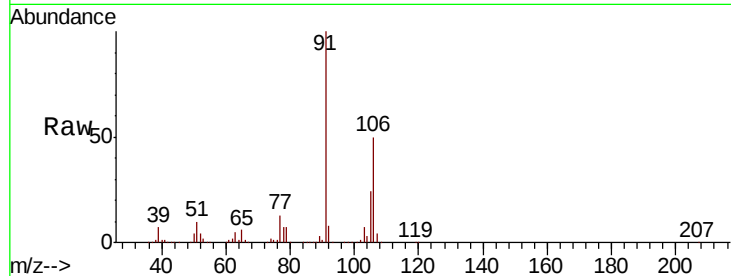
VSTDCCC020

Tot Ion:106 Resp: 415802

Ion Ratio Lower Upper

106 100

91 201.7 162.5 243.7



#68

o-Xylene

Concen: 17.36 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN050900.D

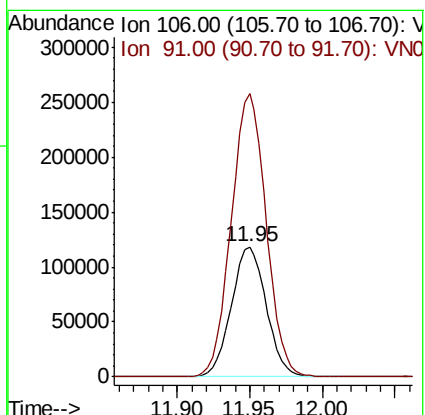
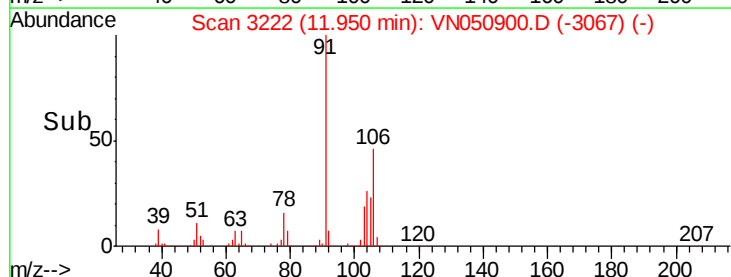
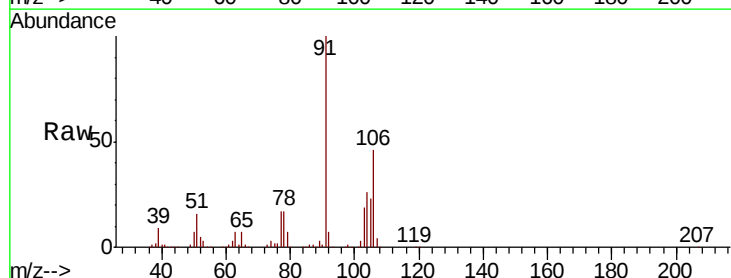
Acq: 27 Aug 2018 17:25

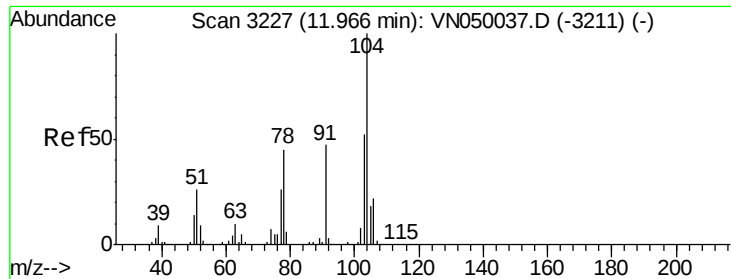
Tgt Ion:106 Resp: 198597

Ion Ratio Lower Upper

106 100

91 216.7 106.8 320.4

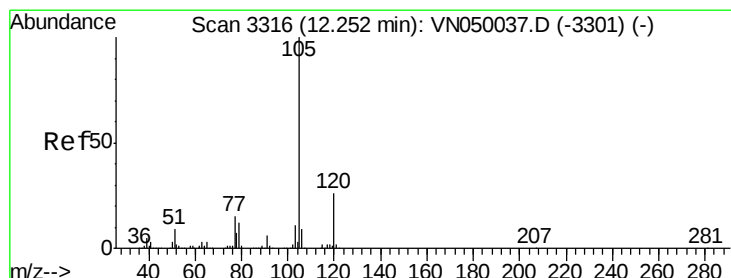
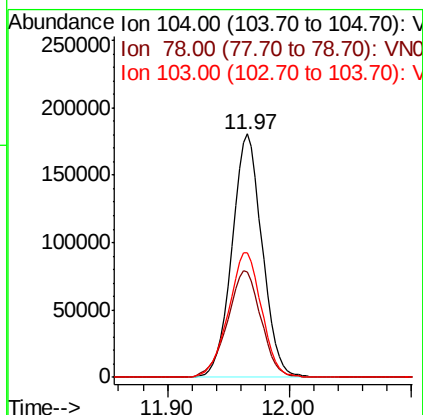
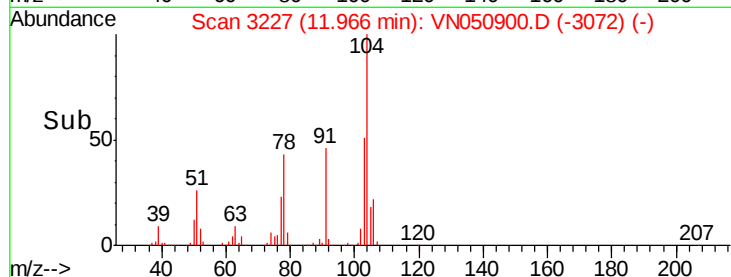
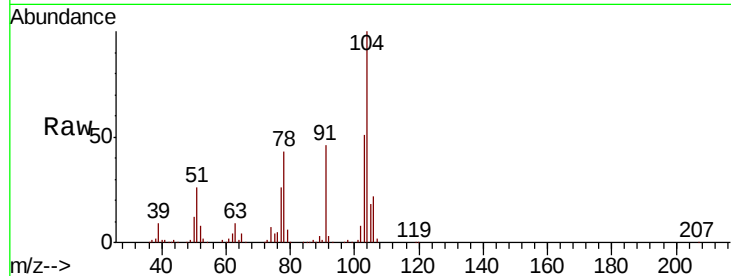




#69
Stvrene
Concen: 16.92 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

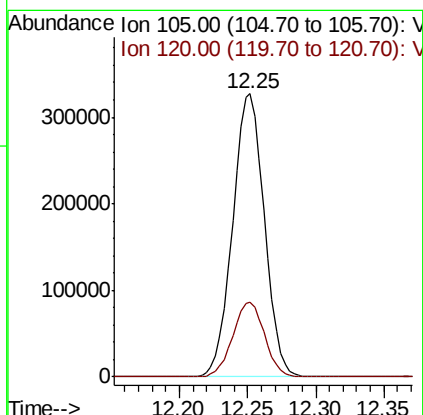
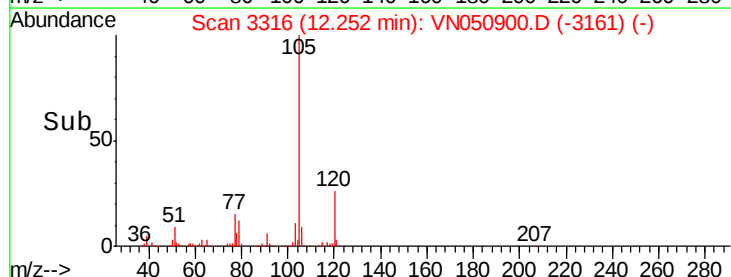
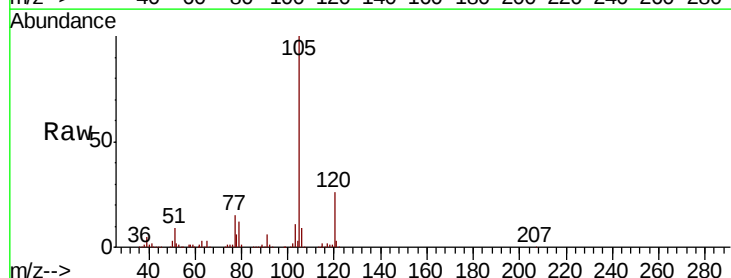
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

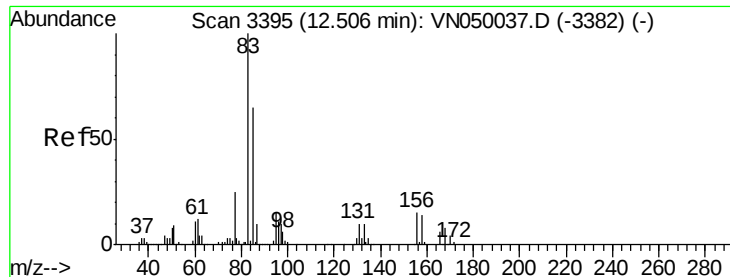
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.9	39.3	58.9
103	56.5	44.5	66.7



#70
Isopropylbenzene
Concen: 17.30 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	18.9	35.1

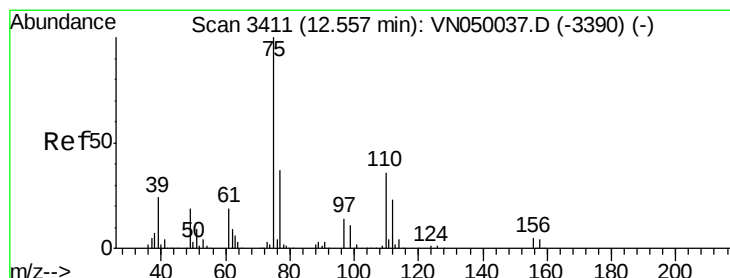
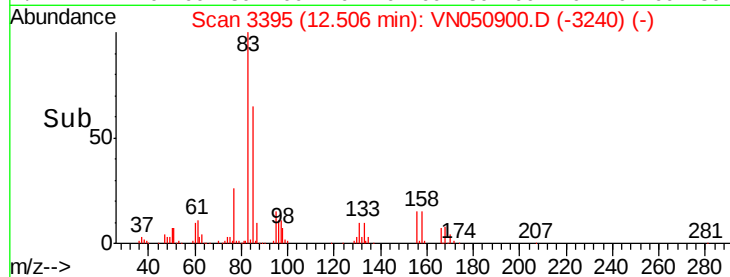
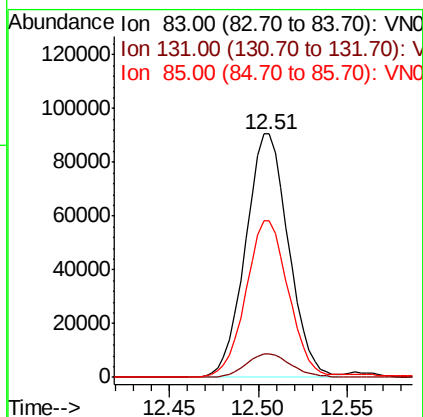
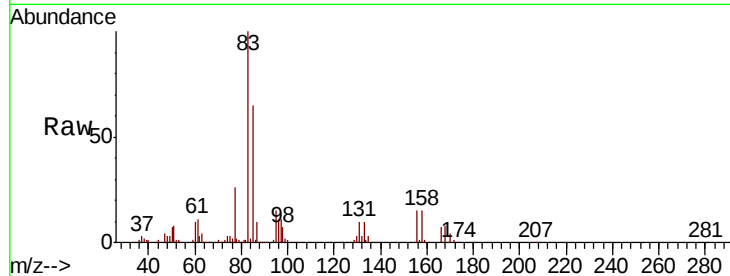




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.23 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

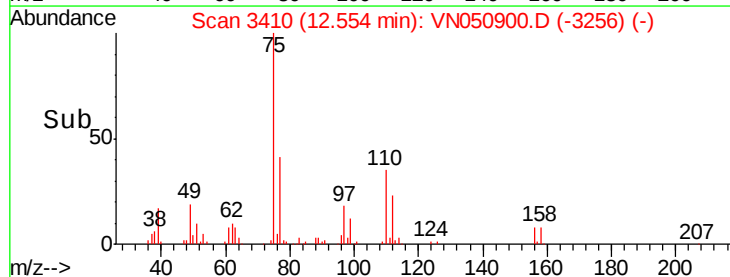
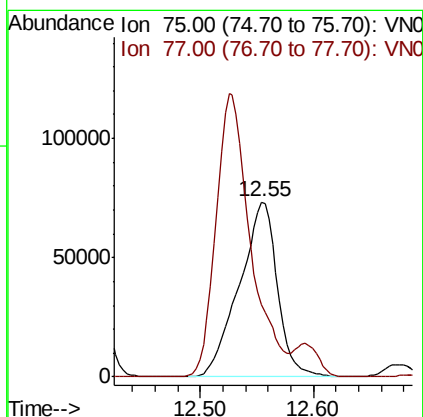
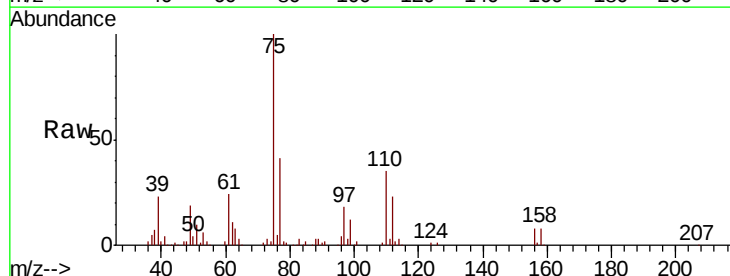
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

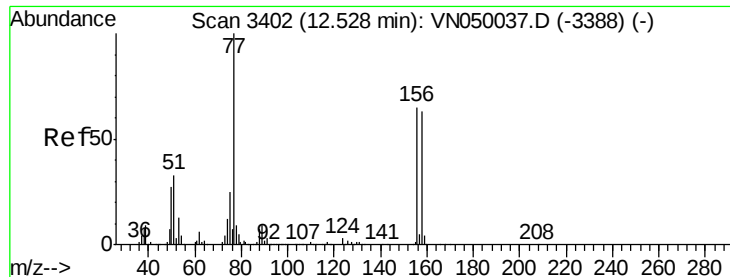
Tot Ion	83	Resp	152527
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.2	15.6
85	63.7	31.7	95.1



#72
 1,2,3-Trichloropropane
 Concen: 24.03 ug/l
 RT: 12.55 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Tgt Ion	75	Resp	171746
Ion Ratio	Lower	Upper	
75	100		
77	146.3	0.0	454.4





#73

Bromobenzene

Concen: 17.02 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

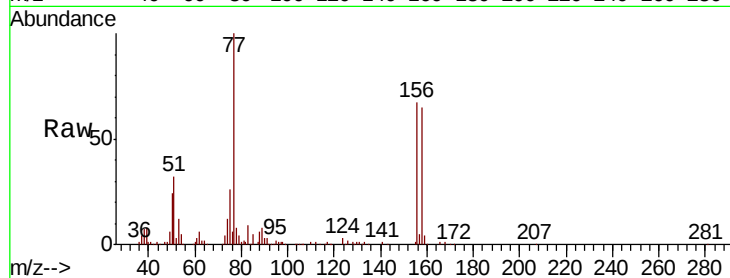
Tot Ion:156 Resp: 138182

Ion Ratio Lower Upper

156 100

77 181.8 0.0 359.8

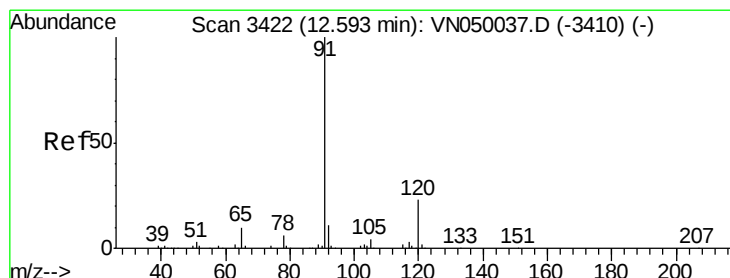
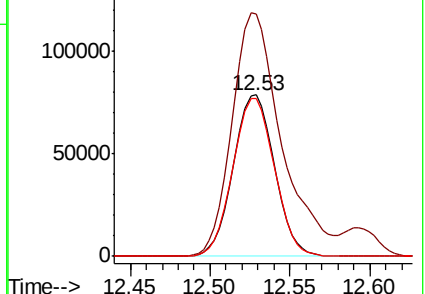
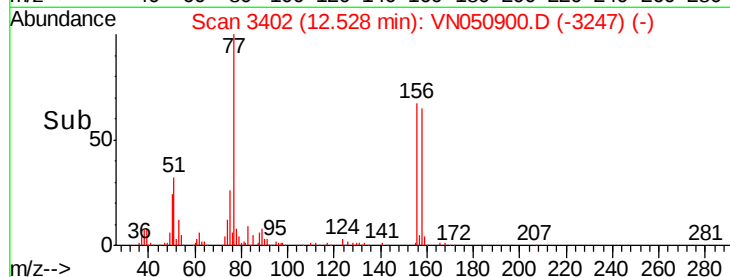
158 98.9 0.0 192.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 16.64 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050900.D

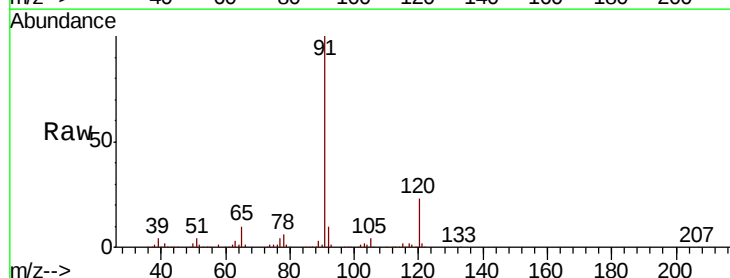
Acq: 27 Aug 2018 17:25

Tgt Ion: 91 Resp: 590578

Ion Ratio Lower Upper

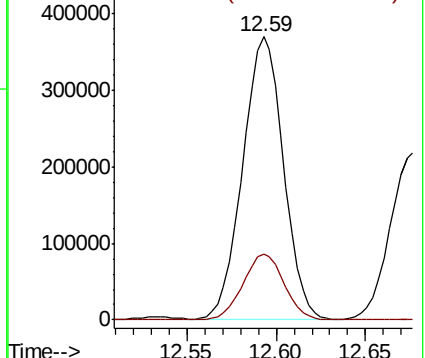
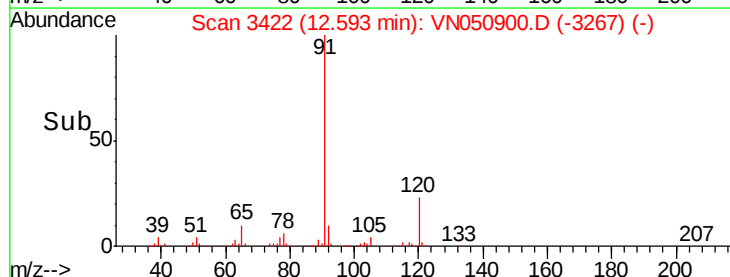
91 100

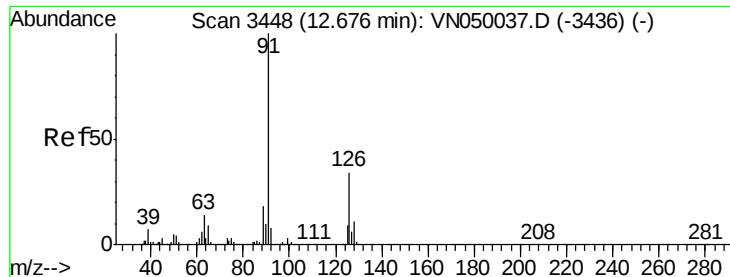
120 23.4 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.20 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

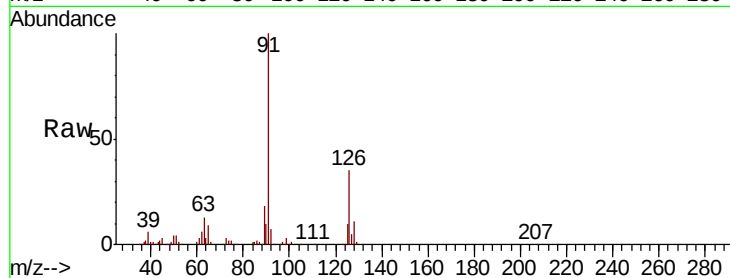
VSTDCCC020

Tot Ion: 91 Resp: 366644

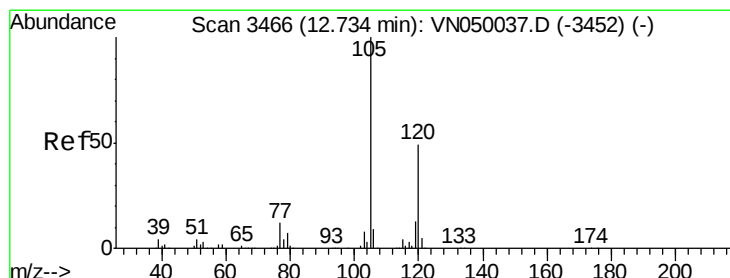
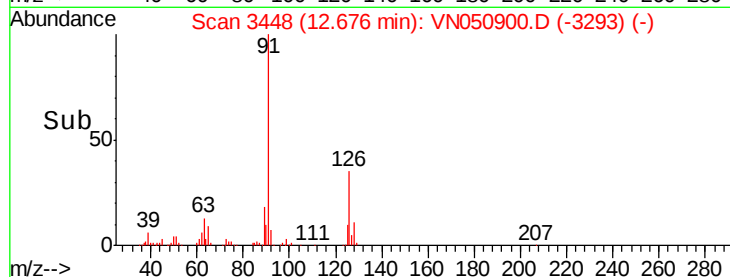
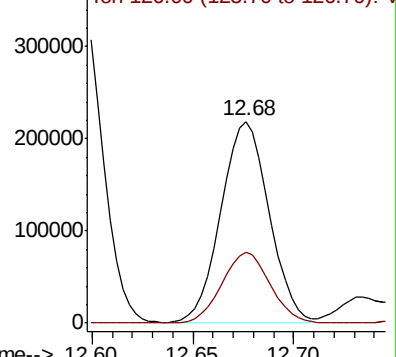
Ion Ratio Lower Upper

91 100

126 35.2 0.0 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN050900.D (-3293) (-)



#76

1,3,5-Trimethylbenzene

Concen: 17.50 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050900.D

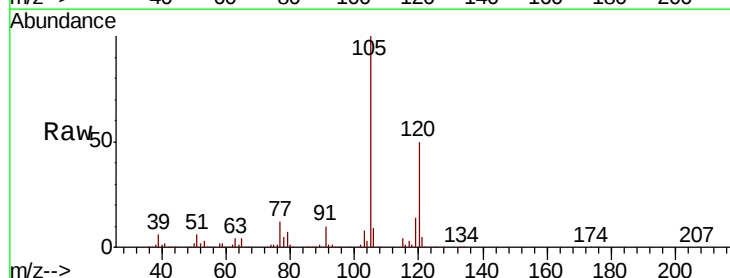
Acq: 27 Aug 2018 17:25

Tgt Ion:105 Resp: 437925

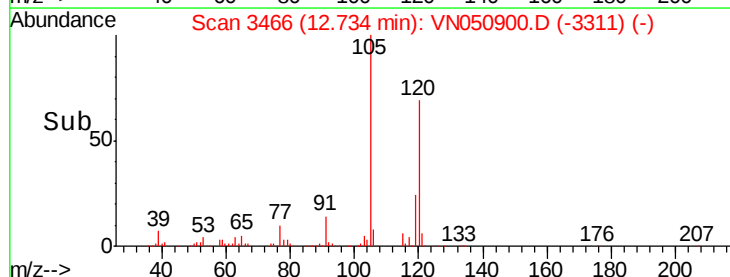
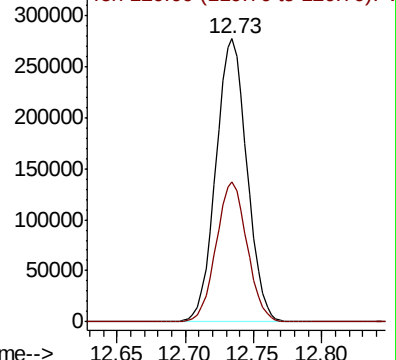
Ion Ratio Lower Upper

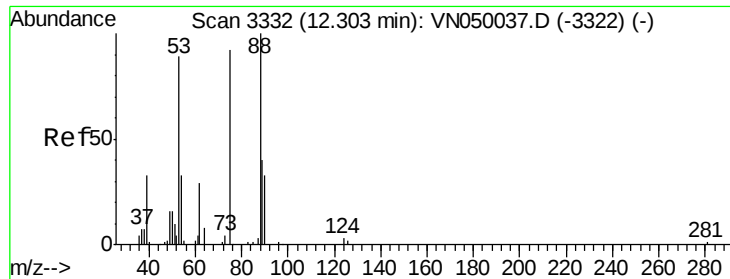
105 100

120 49.3 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VN050900.D (-3311) (-)

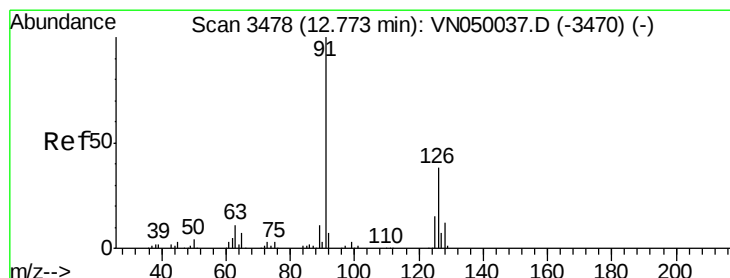
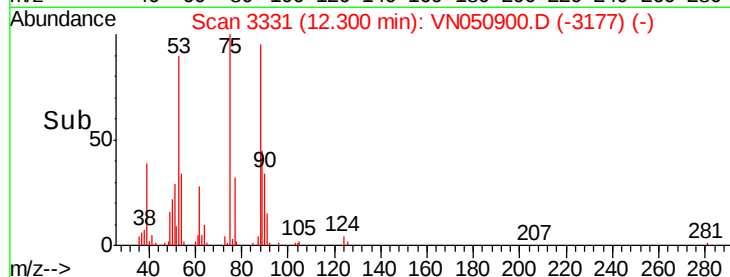
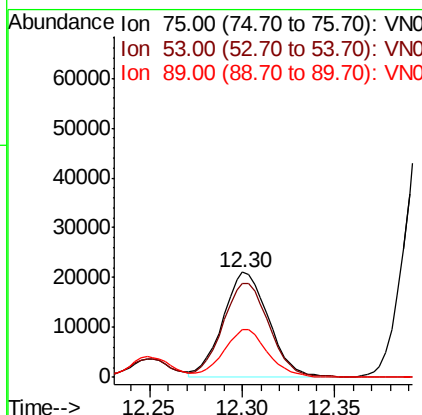
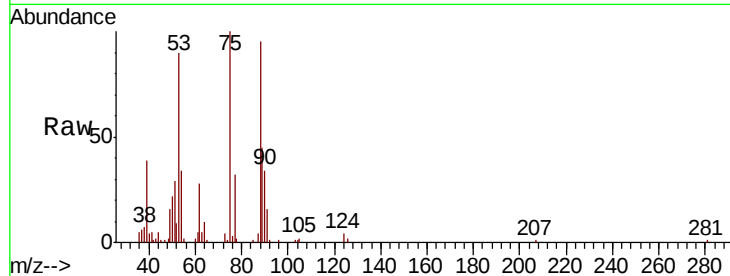




#77
t-1,4-Dichloro-2-butene
Concen: 15.48 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

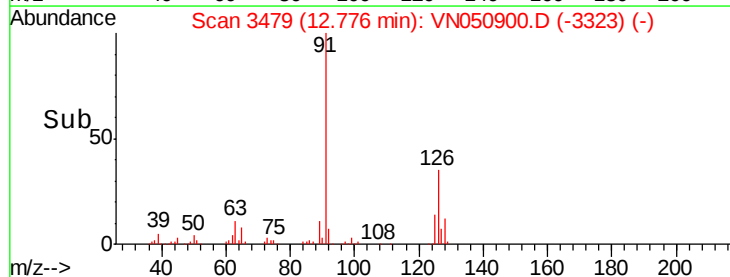
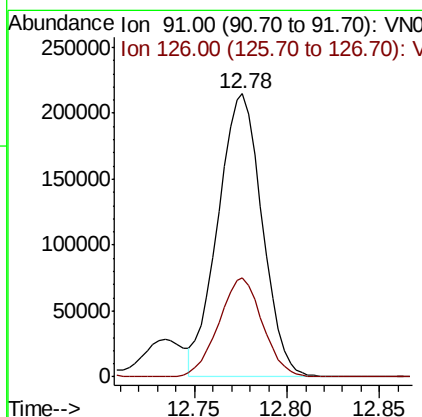
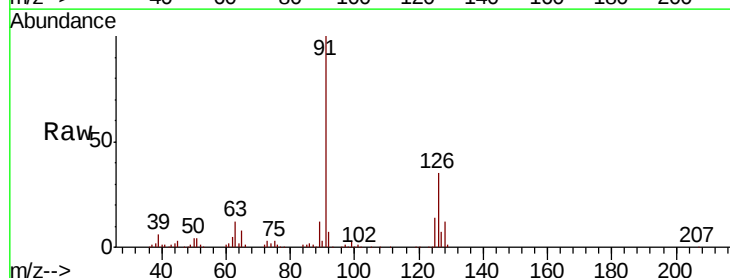
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

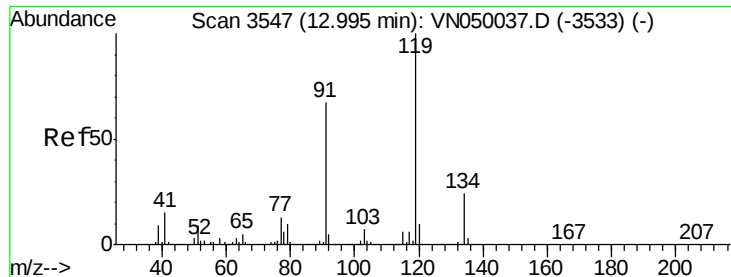
Tot Ion: 75 Resp: 36157
Ion Ratio Lower Upper
75 100
53 88.7 44.6 134.0
89 45.1 20.7 62.1



#78
4-Chlorotoluene
Concen: 16.87 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion: 91 Resp: 356489
Ion Ratio Lower Upper
91 100
126 34.6 0.0 68.4

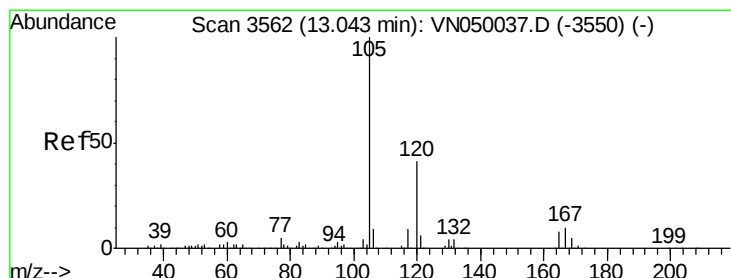
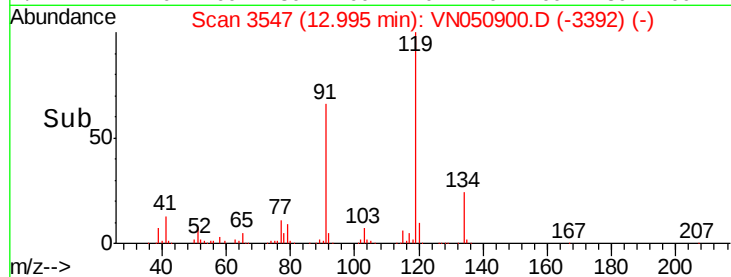
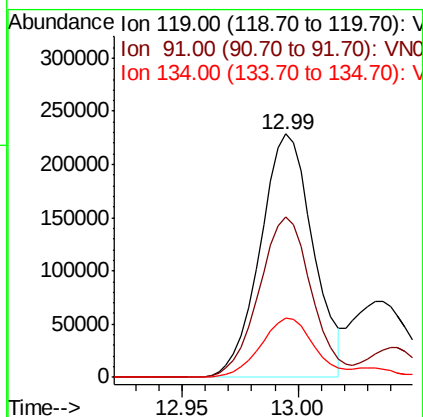
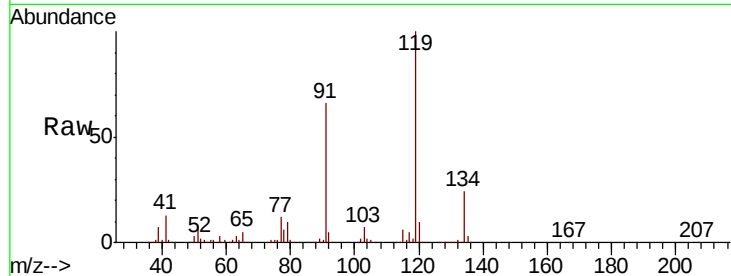




#79
tert-butylbenzene
Concen: 16.96 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

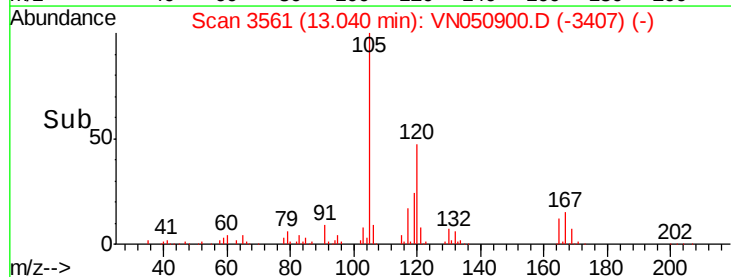
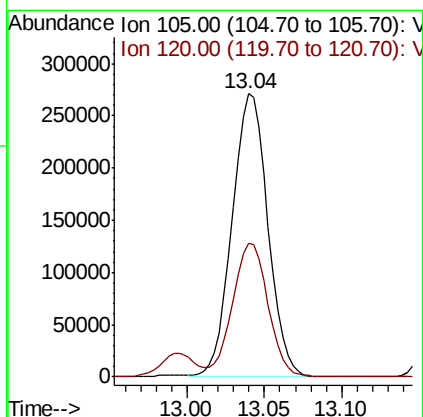
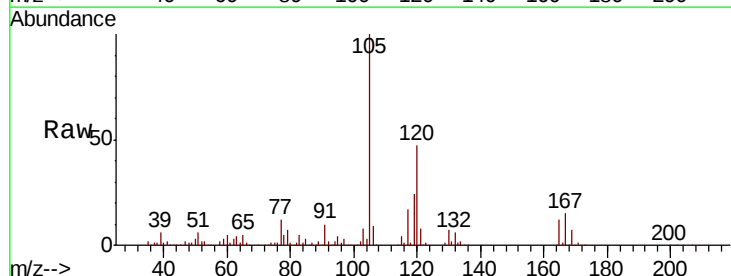
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

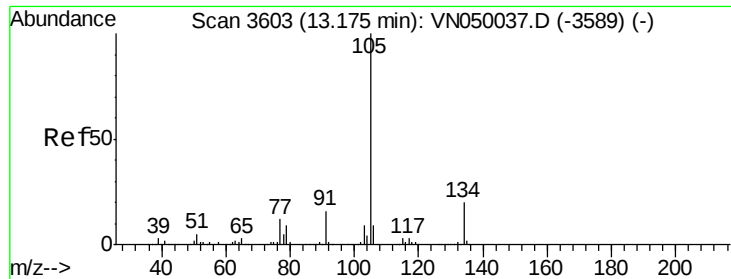
Tot Ion:119 Resp: 363005
Ion Ratio Lower Upper
119 100
91 65.8 0.0 126.8
134 25.0 0.0 47.4



#80
1,2,4-Trimethylbenzene
Concen: 17.11 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion:105 Resp: 433839
Ion Ratio Lower Upper
105 100
120 47.2 0.0 90.6





#81

sec-Butylbenzene

Concen: 16.98 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

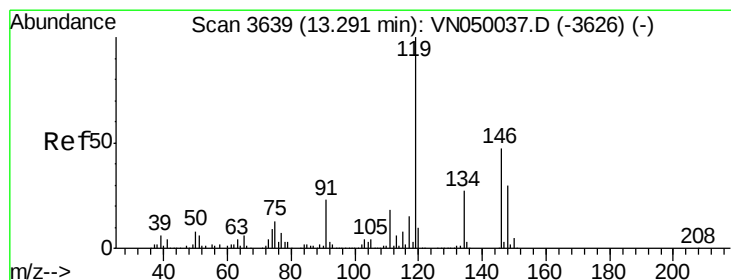
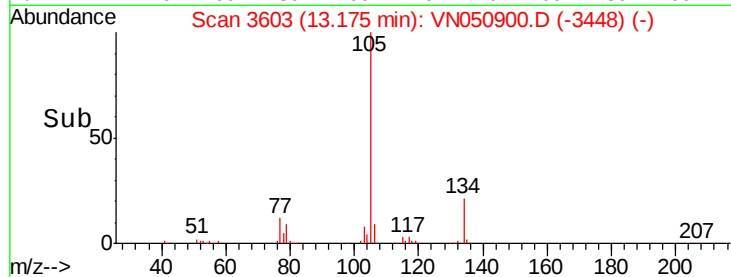
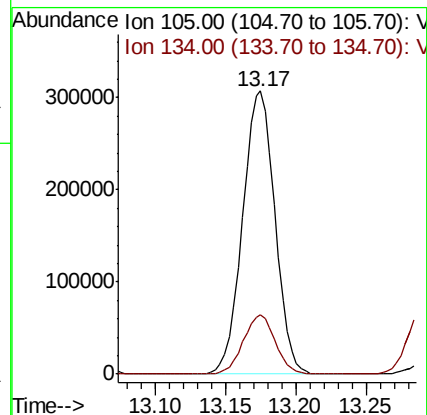
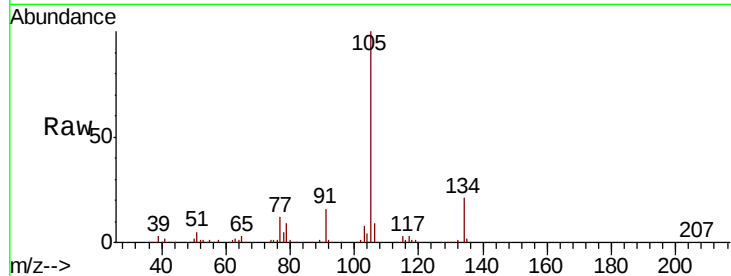
VSTDCCC020

Tot Ion:105 Resp: 493584

Ion Ratio Lower Upper

105 100

134 20.7 0.0 40.6



#82

p-Isopropyltoluene

Concen: 16.94 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

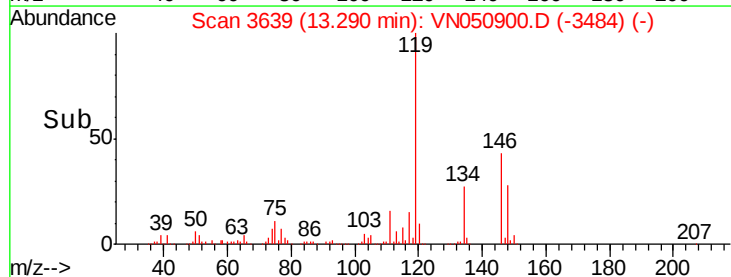
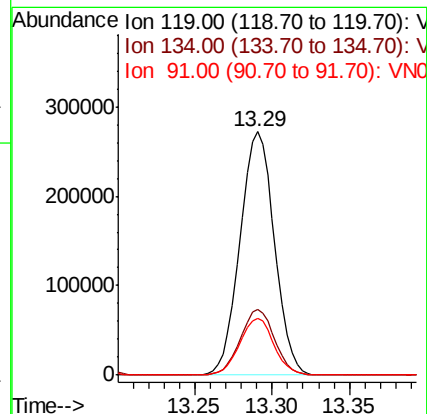
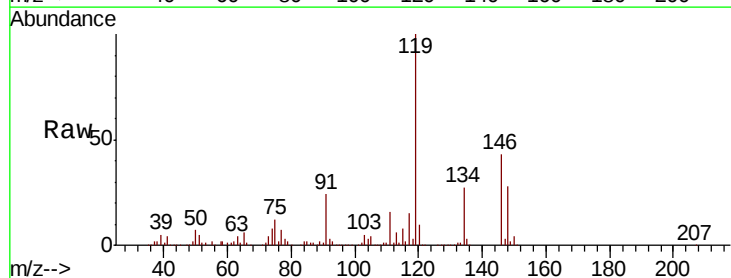
Tgt Ion:119 Resp: 420163

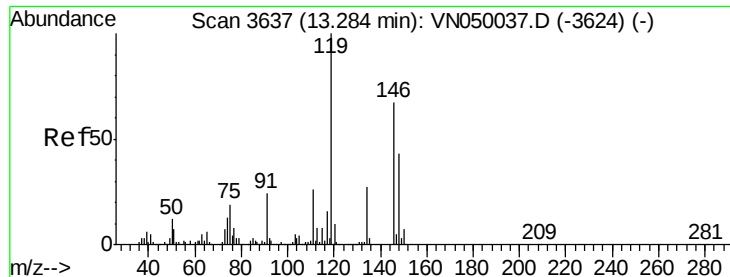
Ion Ratio Lower Upper

119 100

134 26.8 0.0 52.2

91 22.9 0.0 45.6





#83

1,3-Dichlorobenzene

Concen: 16.32 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

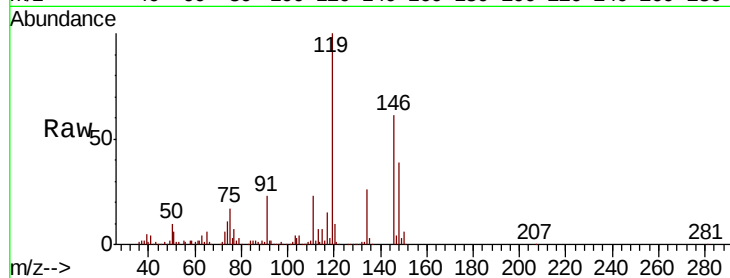
Tot Ion:146 Resp: 230680

Ion Ratio Lower Upper

146 100

111 37.4 19.1 57.1

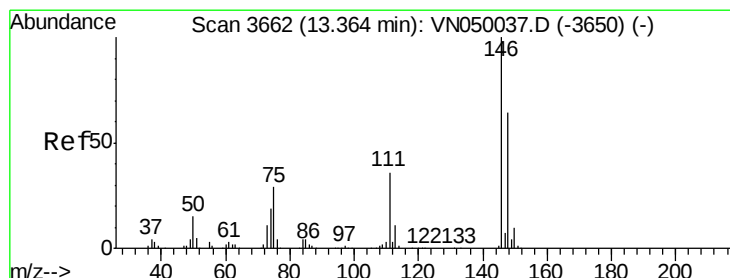
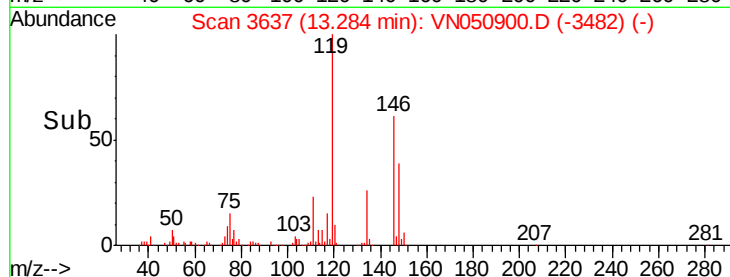
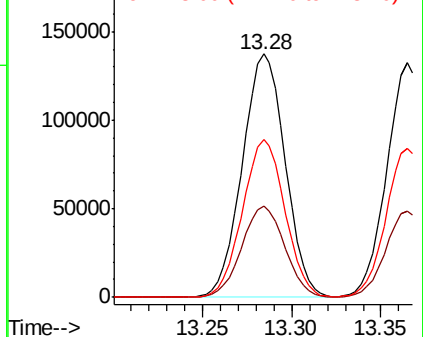
148 64.2 31.9 95.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 16.03 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

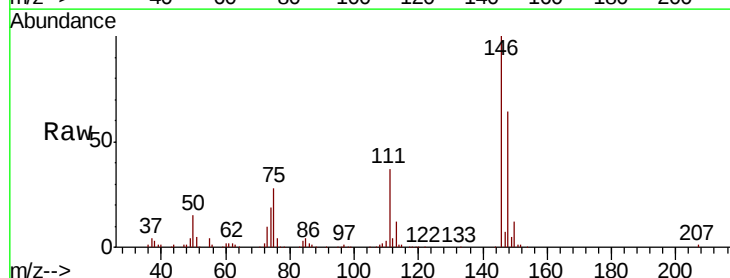
Tgt Ion:146 Resp: 214101

Ion Ratio Lower Upper

146 100

111 37.1 17.9 53.8

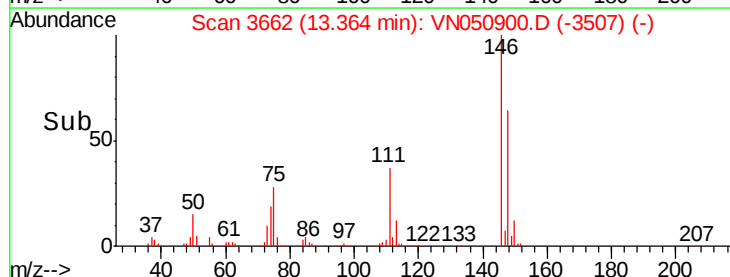
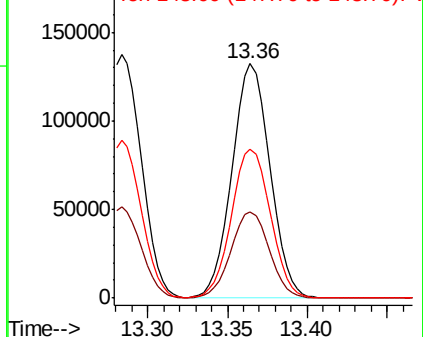
148 65.3 32.4 97.0

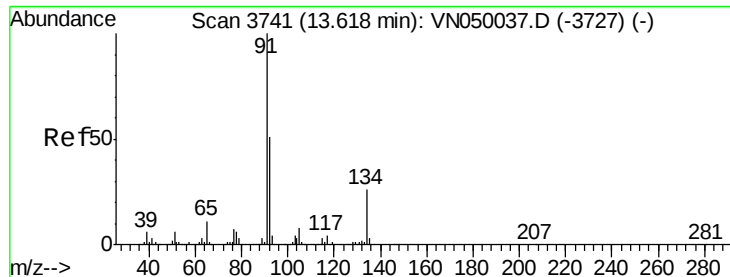


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

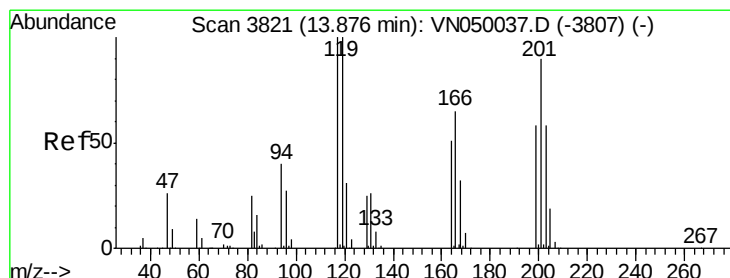
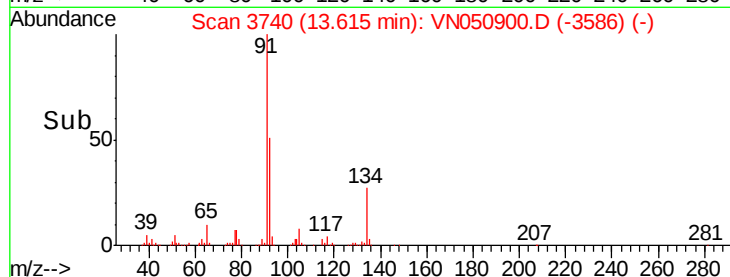
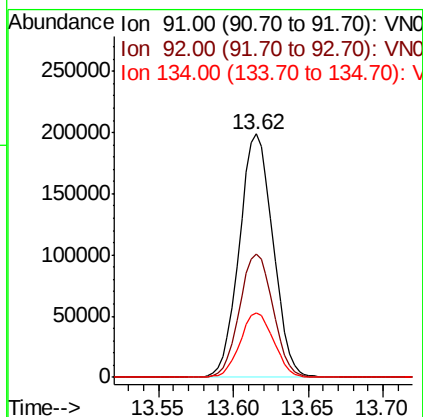
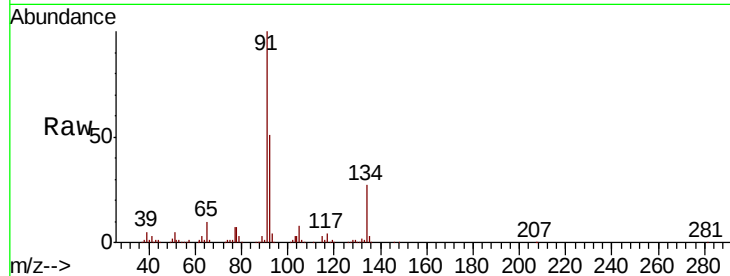




#85
n-Butylbenzene
Concen: 15.50 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

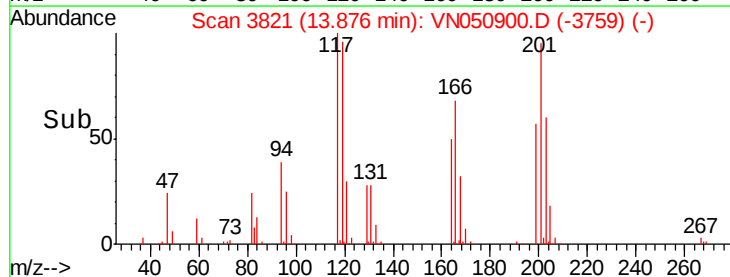
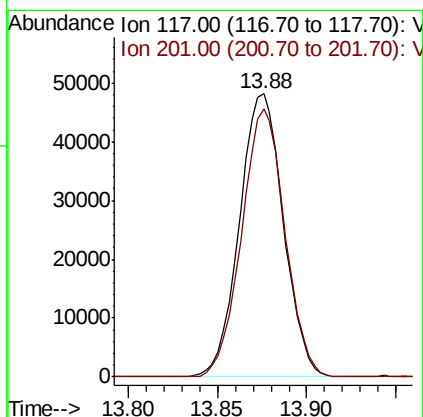
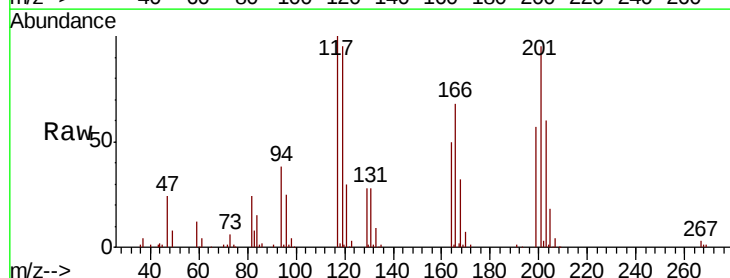
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

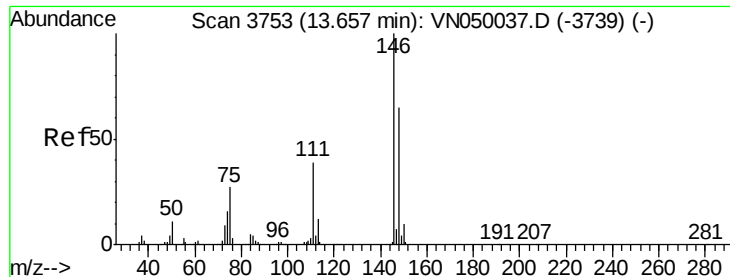
Tot Ion: 91 Resp: 311923
Ion Ratio Lower Upper
91 100
92 50.5 0.0 102.8
134 26.3 0.0 51.0



#86
Hexachloroethane
Concen: 16.65 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion: 117 Resp: 82546
Ion Ratio Lower Upper
117 100
201 93.3 46.6 139.7





#87

1,2-Dichlorobenzene

Concen: 16.84 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

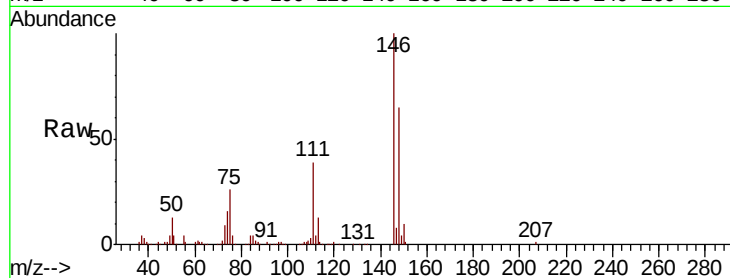
Tot Ion:146 Resp: 232723

Ion Ratio Lower Upper

146 100

111 38.6 19.8 59.3

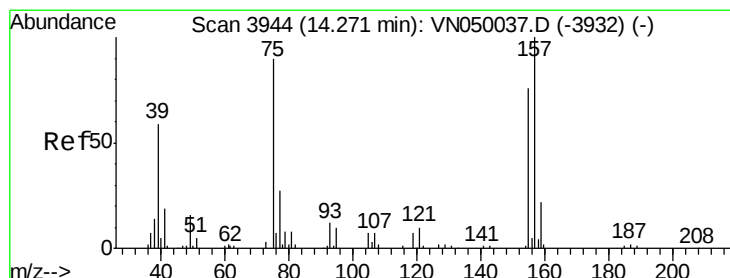
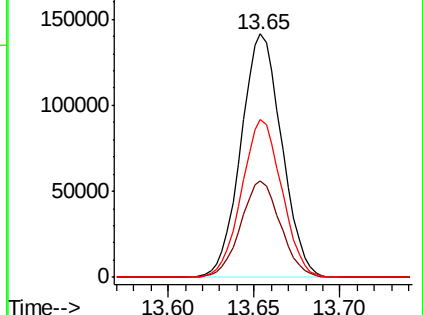
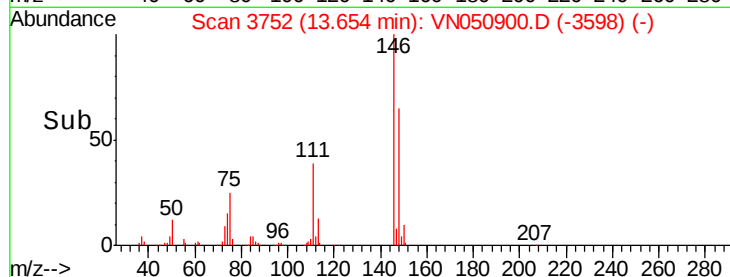
148 64.0 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.78 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. -0.00 min

Lab File: VN050900.D

Acq: 27 Aug 2018 17:25

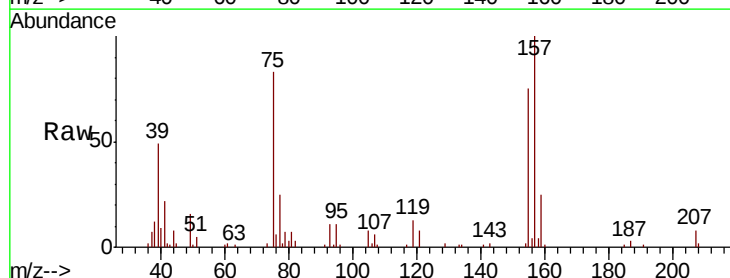
Tgt Ion: 75 Resp: 21876

Ion Ratio Lower Upper

75 100

155 88.5 73.0 109.6

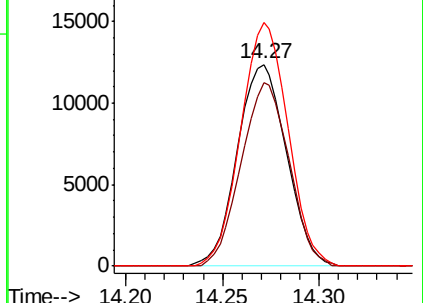
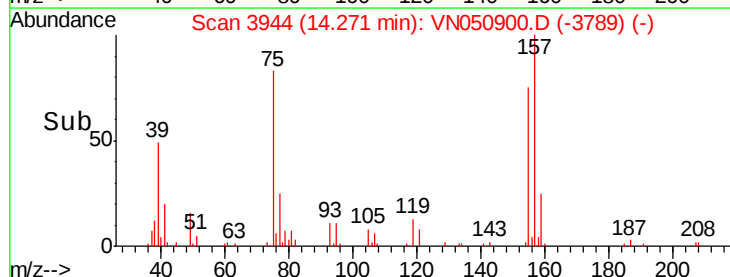
157 115.9 94.9 142.3

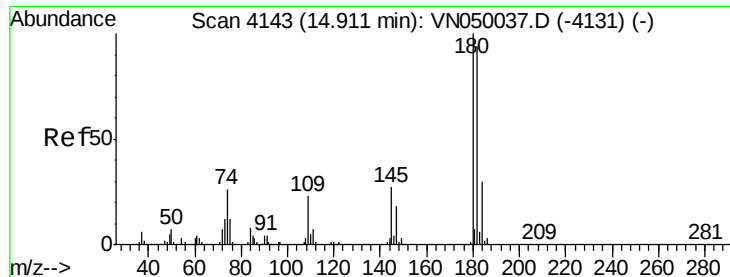


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

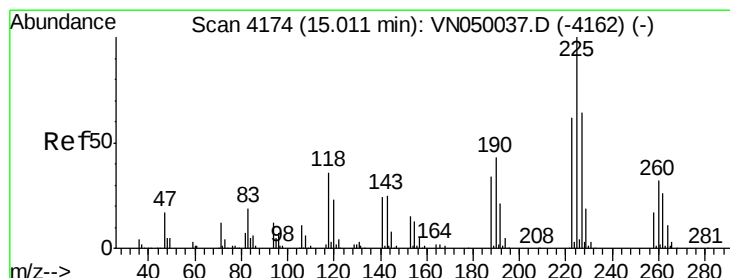
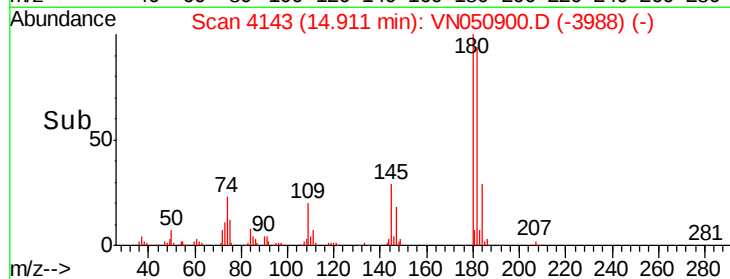
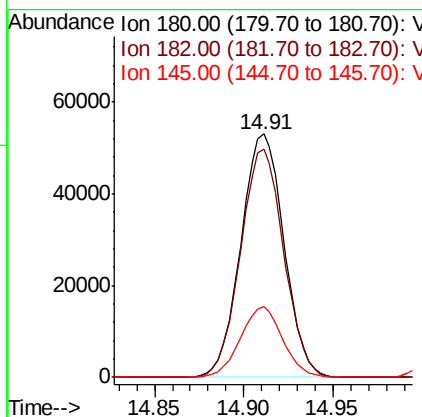
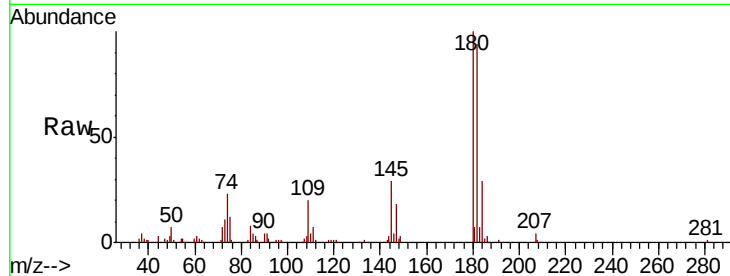




#89
 1,2,4-Trichlorobenzene
 Concen: 13.52 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

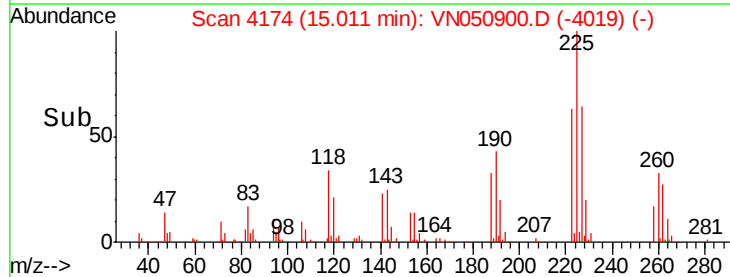
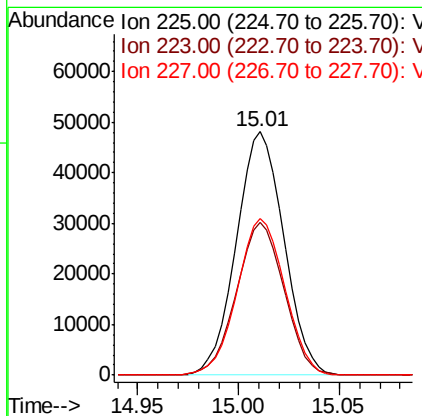
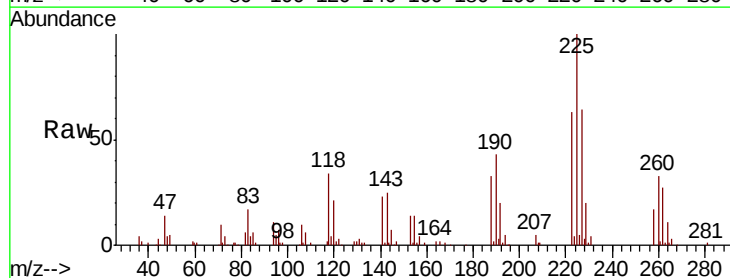
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

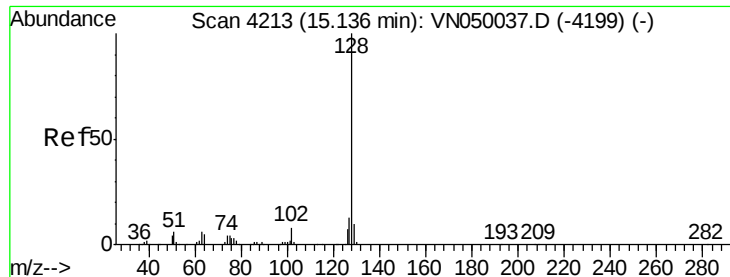
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.7	115.1
145	28.4	23.4	35.0



#90
 Hexachlorobutadiene
 Concen: 18.28 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050900.D
 Acq: 27 Aug 2018 17:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	0.0	124.4
227	64.1	0.0	133.0

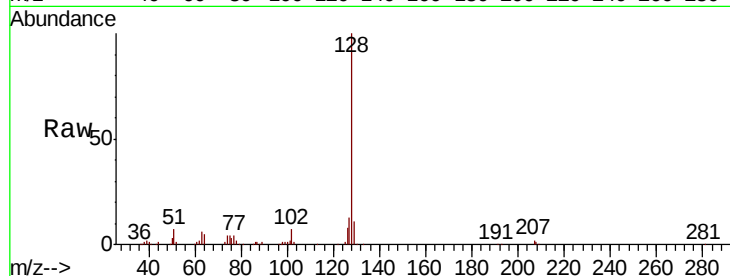




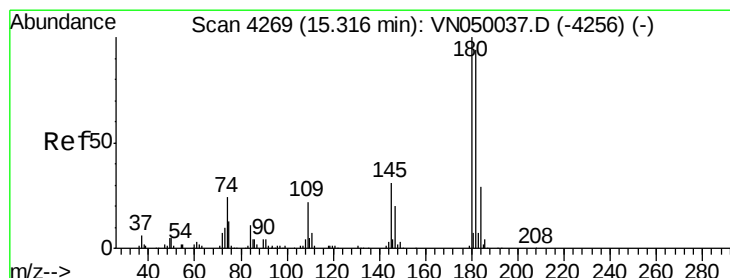
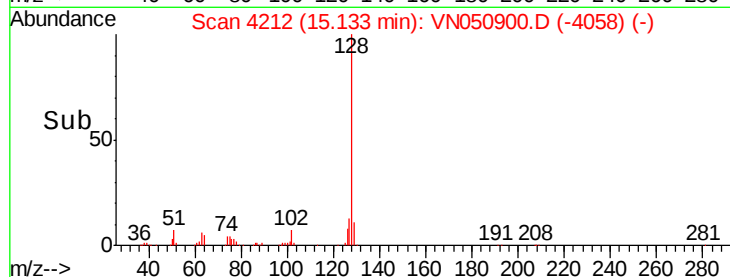
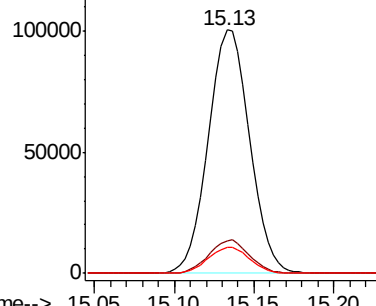
#91
Naphthalene
Concen: 16.20 ug/l
RT: 15.13 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

Tot Ion:128 Resp: 177139
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 10.8 9.0 13.4

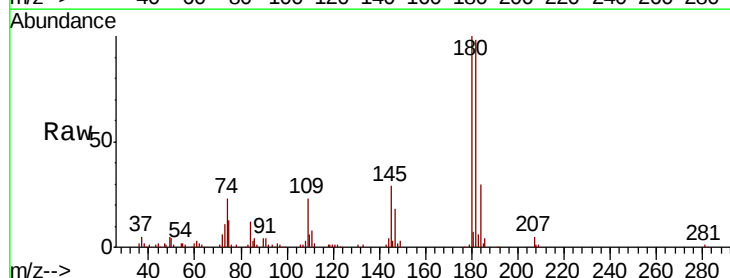


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92
1,2,3-Trichlorobenzene
Concen: 14.15 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050900.D
Acq: 27 Aug 2018 17:25

Tgt Ion:180 Resp: 94981
Ion Ratio Lower Upper
180 100
182 98.9 0.0 188.8
145 29.6 0.0 60.8



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

