

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051239.D
 Acq On : 15 Sep 2018 22:28
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 17 08:42:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	610562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	848343	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	766124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	386544	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	286023	42.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.20%	
35) Dibromofluoromethane	7.59	113	286337	44.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.84%	
50) Toluene-d8	10.09	98	1057614	43.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.44%	
62) 4-Bromofluorobenzene	12.40	95	341737	42.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.42%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.85	85	278608	47.32	ug/l	98
3) Chloromethane	2.06	50	362349	47.63	ug/l	100
4) Vinyl Chloride	2.18	62	371730	45.99	ug/l	98
5) Bromomethane	2.56	94	197744	43.23	ug/l	99
6) Chloroethane	2.70	64	220167	44.14	ug/l	98
7) Trichlorofluoromethane	3.01	101	496432	46.35	ug/l	98
8) Diethyl Ether	3.41	74	167409	42.50	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	306309	44.37	ug/l	99
10) Methyl Iodide	3.95	142	284812	44.78	ug/l	97
11) Tert butyl alcohol	4.79	59	80416	154.95	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	289219	44.41	ug/l	98
13) Acrolein	3.61	56	145178	231.20	ug/l	100
14) Allyl chloride	4.33	41	410425	41.36	ug/l	98
15) Acrylonitrile	4.99	53	463455	201.53	ug/l	99
16) Acetone	3.82	43	303672	179.10	ug/l	98
17) Carbon Disulfide	4.05	76	884890	46.11	ug/l	100
18) Methyl Acetate	4.33	43	212971	39.14	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	728120	42.29	ug/l	100
20) Methylene Chloride	4.55	84	329681	43.93	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	312377	44.22	ug/l	99
22) Diisopropyl ether	5.96	45	912851	46.35	ug/l	95
23) Vinyl Acetate	5.90	43	2917187	218.86	ug/l	99
24) 1,1-Dichloroethane	5.85	63	562627	45.02	ug/l	100
25) 2-Butanone	6.84	43	474100	177.47	ug/l	99
26) 2,2-Dichloropropane	6.83	77	339818	33.22	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	340357	43.92	ug/l	98
28) Bromochloromethane	7.20	49	233607	42.00	ug/l	99
29) Tetrahydrofuran	7.21	42	328019	196.63	ug/l	99
30) Chloroform	7.37	83	571472	45.97	ug/l	99
31) Cyclohexane	7.66	56	498678	44.73	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	488884	46.15	ug/l	100
36) 1,1-Dichloropropene	7.80	75	438217	47.05	ug/l	100
37) Ethyl Acetate	6.93	43	222981	41.34	ug/l	99
38) Carbon Tetrachloride	7.77	117	446048	48.66	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051239.D
 Acq On : 15 Sep 2018 22:28
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 17 08:42:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	478700	46.58	ug/l	99
40) Benzene	8.04	78	1333391	47.51	ug/l	99
41) Methacrylonitrile	7.21	41	316862	113.85	ug/l #	13
42) 1,2-Dichloroethane	8.13	62	383375	46.86	ug/l	100
43) Isopropyl Acetate	8.17	43	419960	44.12	ug/l	99
44) Trichloroethene	8.84	130	355606	46.32	ug/l	98
45) 1,2-Dichloropropane	9.12	63	344162	47.46	ug/l	100
46) Dibromomethane	9.21	93	200264	45.26	ug/l	99
47) Bromodichloromethane	9.40	83	435907	48.45	ug/l	97
48) Methyl methacrylate	9.20	41	197641	42.61	ug/l	99
49) 1,4-Dioxane	9.20	88	54889	754.63	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	1086674	206.45	ug/l	99
52) Toluene	10.16	92	826964	48.32	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	401980	44.64	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	486342	46.06	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	286740	46.12	ug/l	99
56) Ethyl methacrylate	10.43	69	337720	40.95	ug/l	99
57) 1,3-Dichloropropane	10.71	76	476139	46.20	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	657261	191.22	ug/l	99
59) 2-Hexanone	10.75	43	687094	192.48	ug/l	100
60) Dibromochloromethane	10.90	129	336916	48.08	ug/l	100
61) 1,2-Dibromoethane	11.01	107	279718	46.03	ug/l	100
64) Tetrachloroethene	10.63	164	335165	47.94	ug/l	99
65) Chlorobenzene	11.43	112	898935	46.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	336910	48.46	ug/l	99
67) Ethyl Benzene	11.51	91	1508577	48.24	ug/l	99
68) m/p-Xylenes	11.62	106	1189894	99.02	ug/l	99
69) o-Xylene	11.95	106	566398	48.68	ug/l	100
70) Styrene	11.96	104	924678	51.23	ug/l	100
71) Bromoform	12.13	173	225181	46.00	ug/l #	100
73) Isopropylbenzene	12.25	105	1489579	45.95	ug/l	100
74) N-amyl acetate	12.07	43	317546	38.92	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	333617	44.69	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	382786	64.30	ug/l #	100
77) Bromobenzene	12.53	156	385412	44.27	ug/l	96
78) n-propylbenzene	12.59	91	1645251	46.17	ug/l	100
79) 2-Chlorotoluene	12.67	91	990075	44.46	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1238048	47.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	74863	36.78	ug/l	99
82) 4-Chlorotoluene	12.77	91	983180	44.47	ug/l	99
83) tert-Butylbenzene	12.99	119	1073784	46.41	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1232343	47.82	ug/l	99
85) sec-Butylbenzene	13.17	105	1360309	45.84	ug/l	100
86) p-Isopropyltoluene	13.29	119	1208007	48.01	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	645464	43.69	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	628796	46.36	ug/l	99
89) n-Butylbenzene	13.62	91	879436	44.91	ug/l	99
90) Hexachloroethane	13.87	117	221228	48.27	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	627766	43.61	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	43222	39.18	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
Data File : VN051239.D
Acq On : 15 Sep 2018 22:28
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Sep 17 08:42:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

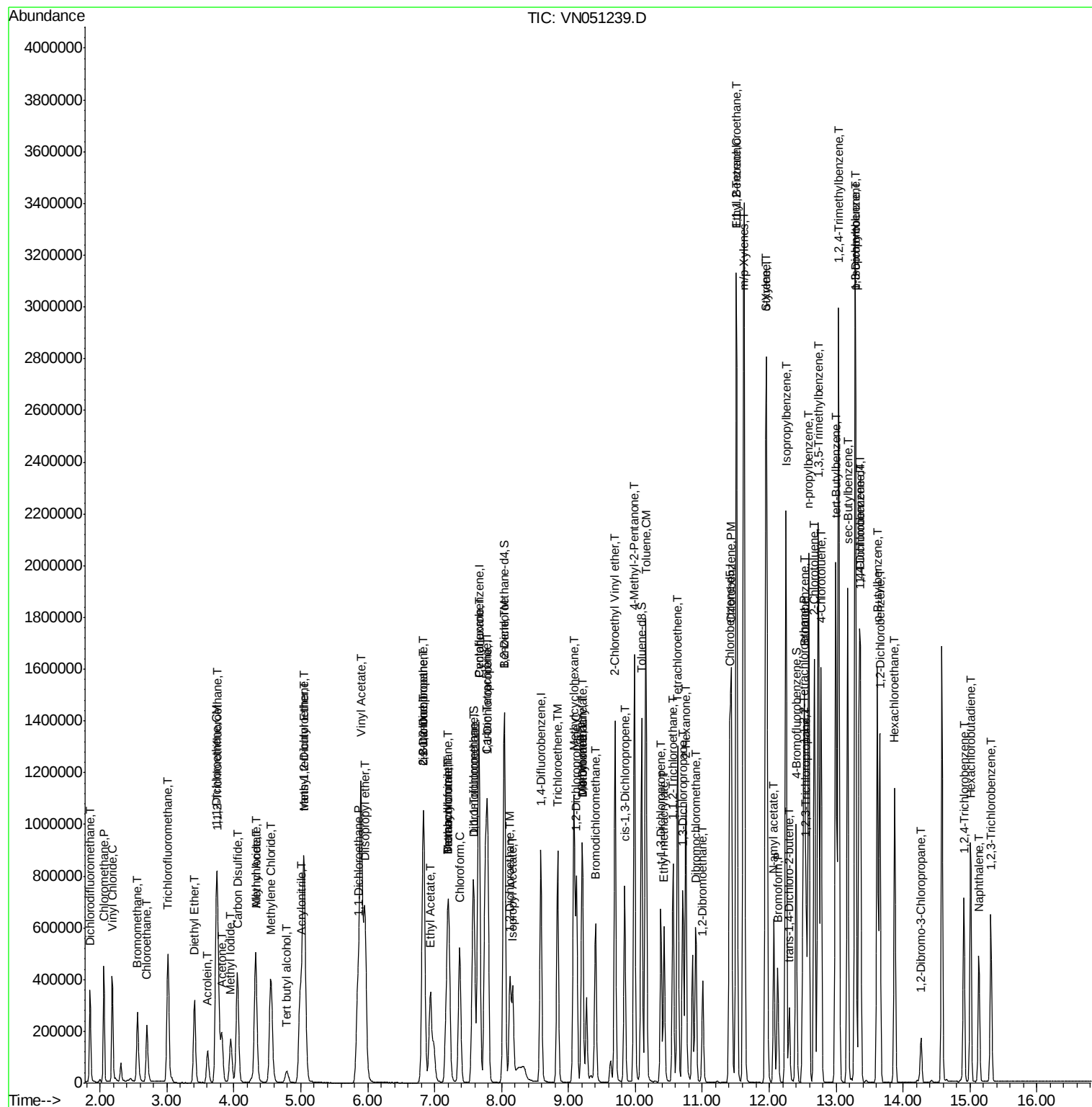
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	255298	37.76	ug/l	99
94) Hexachlorobutadiene	15.01	225	203359	48.42	ug/l	99
95) Naphthalene	15.13	128	438800	32.31	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	246425	37.84	ug/l	99

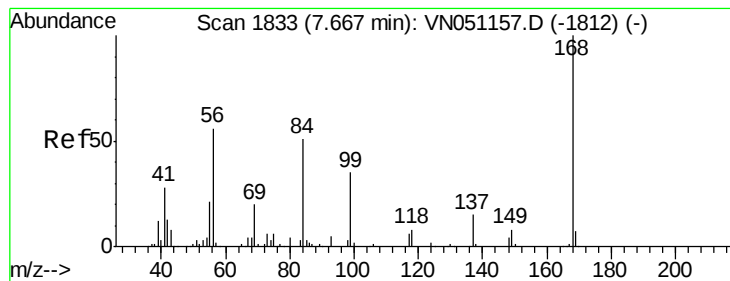
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091518\
Data File : VN051239.D
Acq On : 15 Sep 2018 22:28
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Sep 17 08:42:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

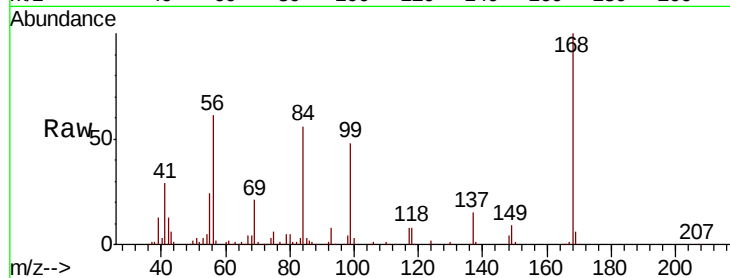
VSTDCCC050

Tot Ion:168 Resp: 610562

Ion Ratio Lower Upper

168 100

99 47.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

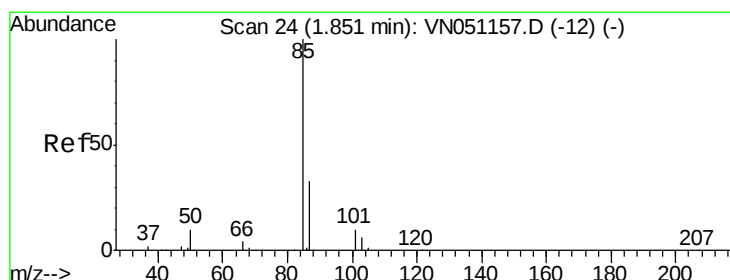
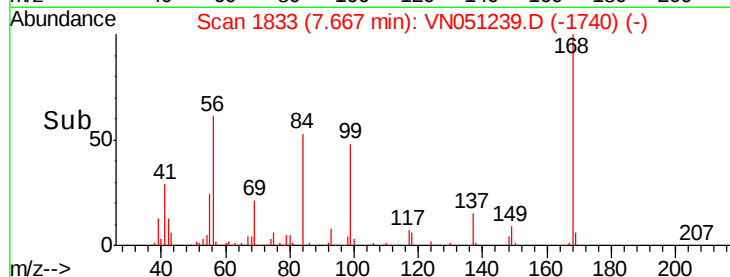
100000

50000

0

7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 47.32 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051239.D

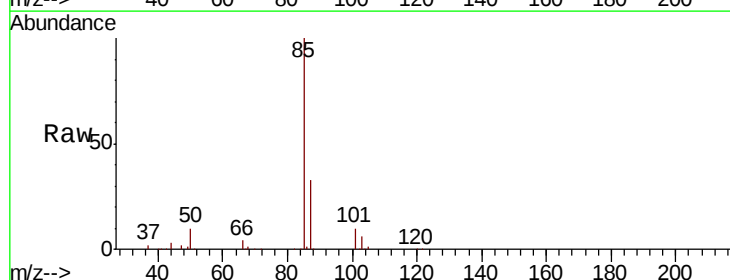
Acq: 15 Sep 2018 22:28

Tgt Ion: 85 Resp: 278608

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200000

150000

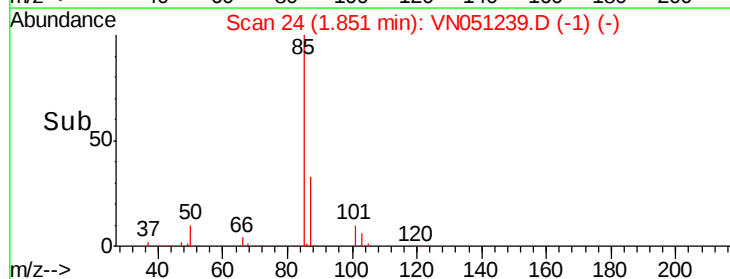
100000

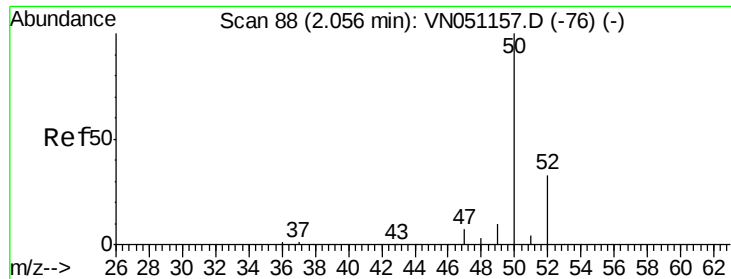
50000

0

1.80 1.85 1.90 1.95

Time-->

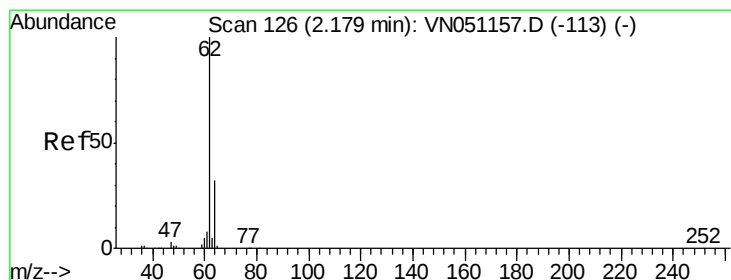
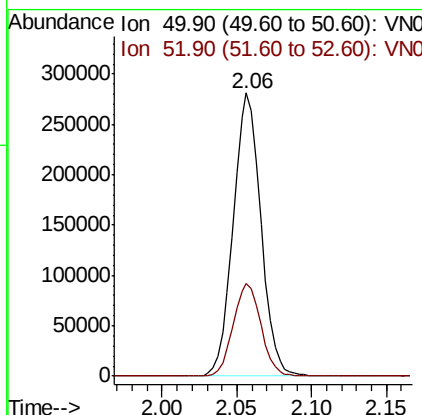
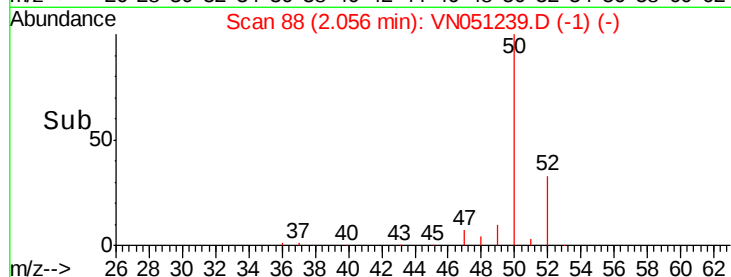
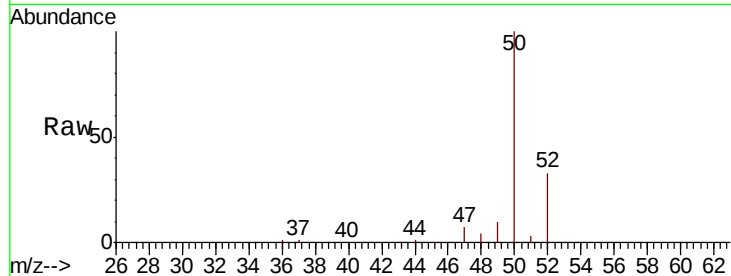




#3
 Chloromethane
 Concen: 47.63 ug/l
 RT: 2.06 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

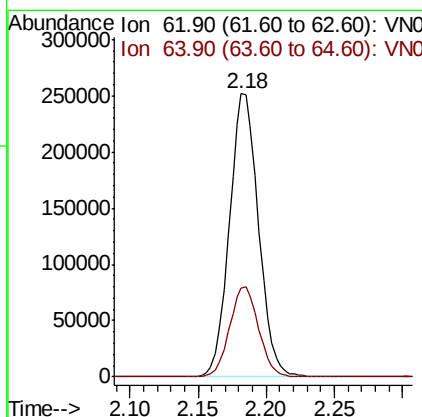
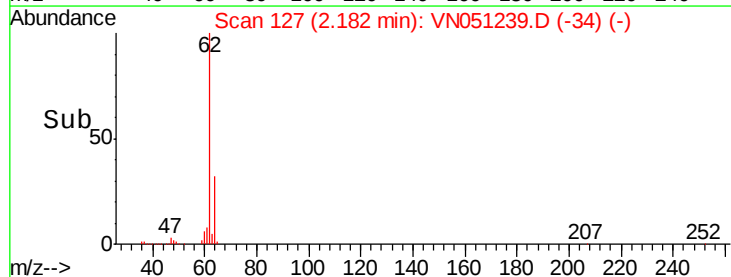
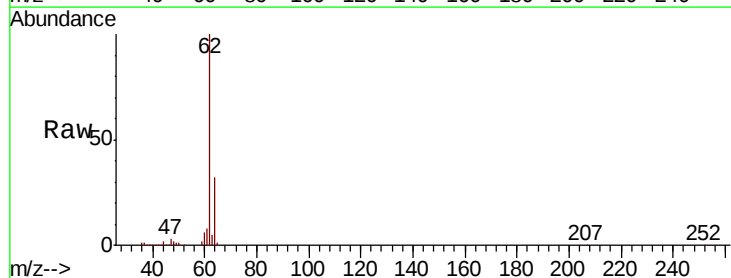
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

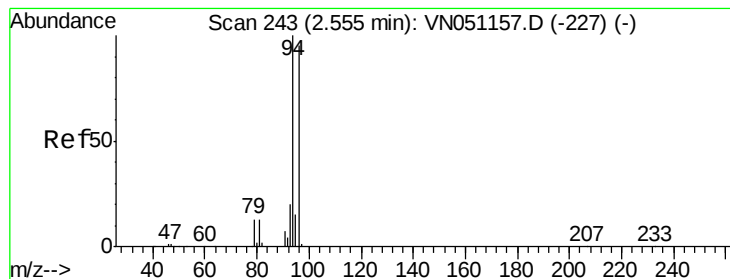
Tot Ion: 50 Resp: 362349
 Ion Ratio Lower Upper
 50 100
 52 32.6 26.0 39.0



#4
 Vinyl Chloride
 Concen: 45.99 ug/l
 RT: 2.18 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion: 62 Resp: 371730
 Ion Ratio Lower Upper
 62 100
 64 31.6 26.2 39.4





#5

Bromomethane

Concen: 43.23 ug/l

RT: 2.56 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

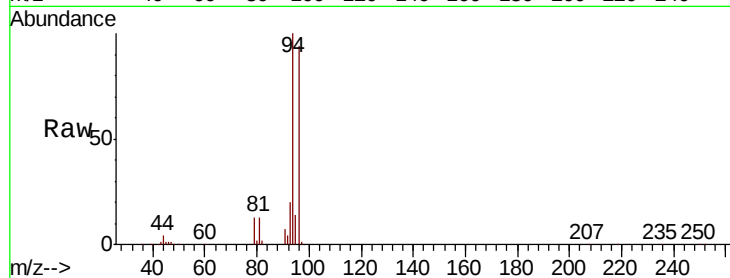
VSTDCCC050

Tot Ion: 94 Resp: 197744

Ion Ratio Lower Upper

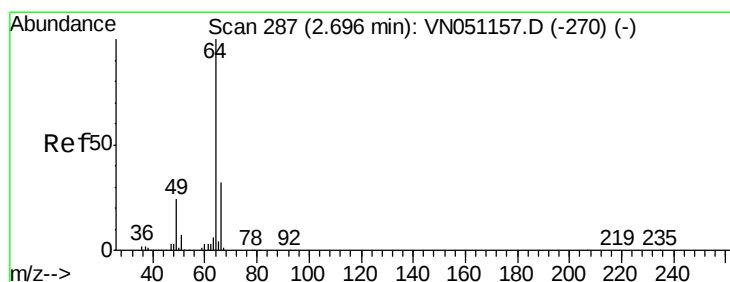
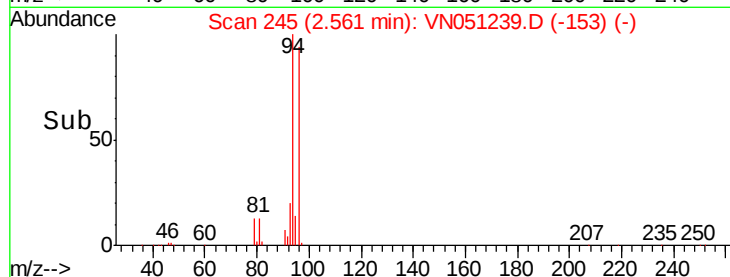
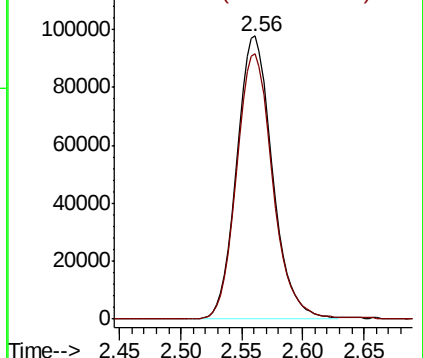
94 100

96 93.9 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 44.14 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN051239.D

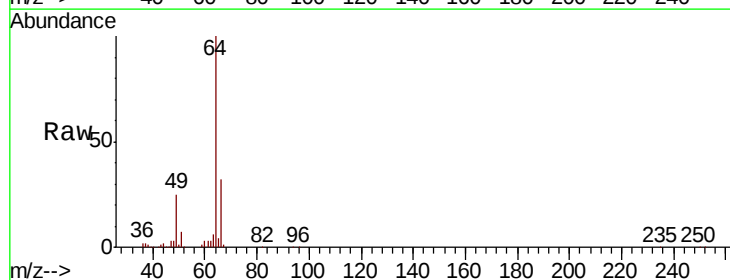
Acq: 15 Sep 2018 22:28

Tgt Ion: 64 Resp: 220167

Ion Ratio Lower Upper

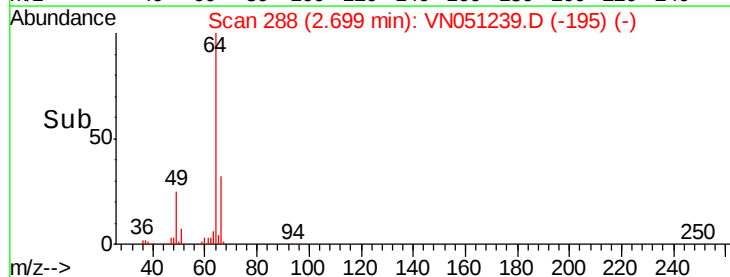
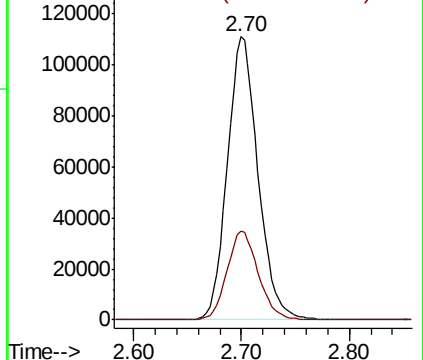
64 100

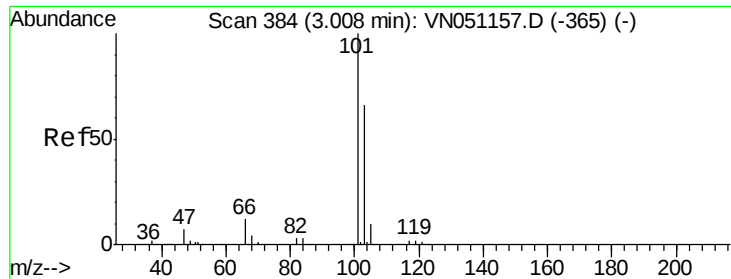
66 31.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC



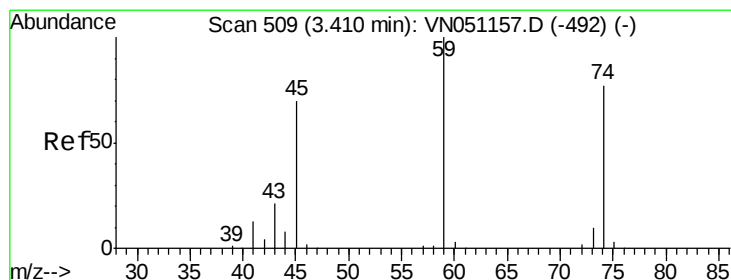
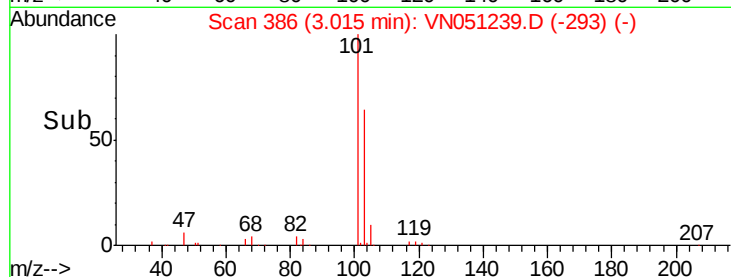
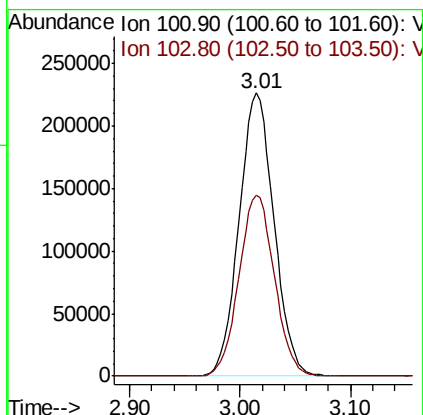
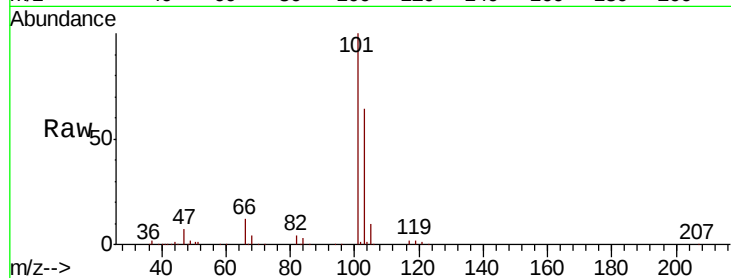


#7

Trichlorofluoromethane
Concen: 46.35 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

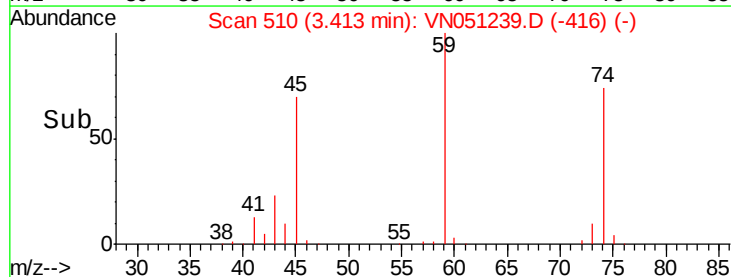
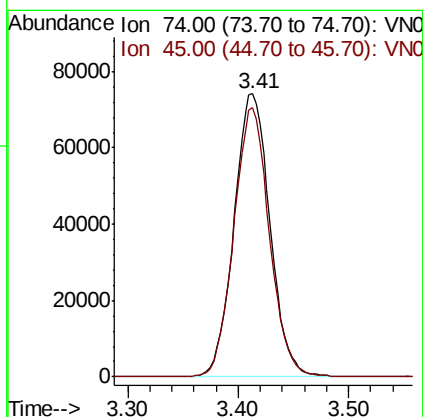
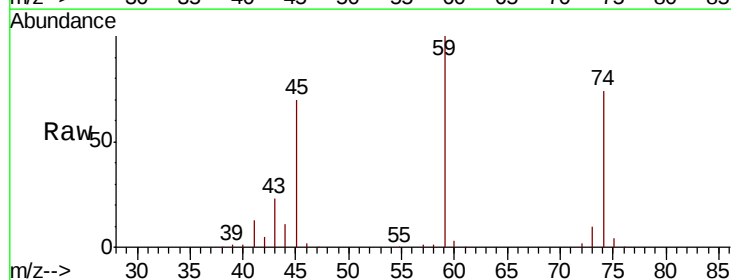
Tot Ion:101 Resp: 496432
Ion Ratio Lower Upper
101 100
103 64.0 52.4 78.6

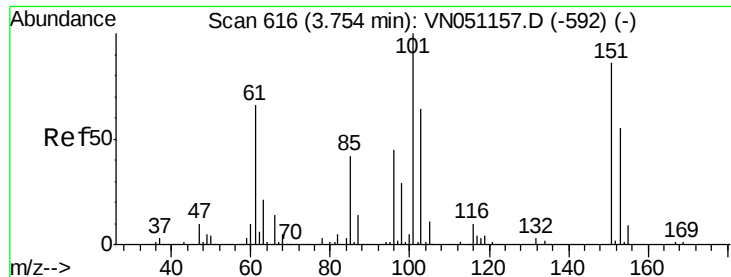


#8

Diethyl Ether
Concen: 42.50 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Tgt Ion: 74 Resp: 167409
Ion Ratio Lower Upper
74 100
45 94.1 46.7 140.0

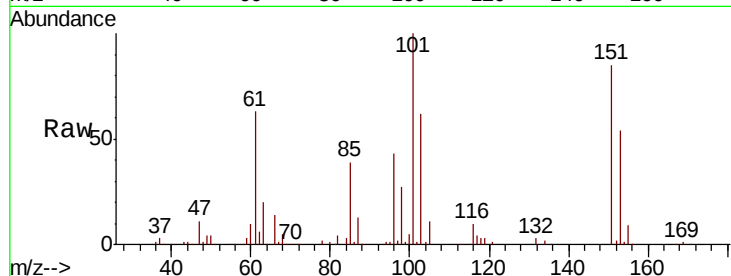




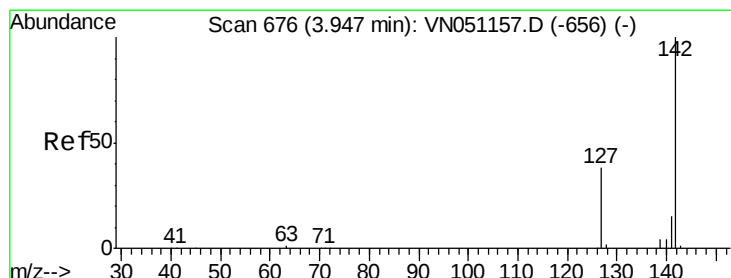
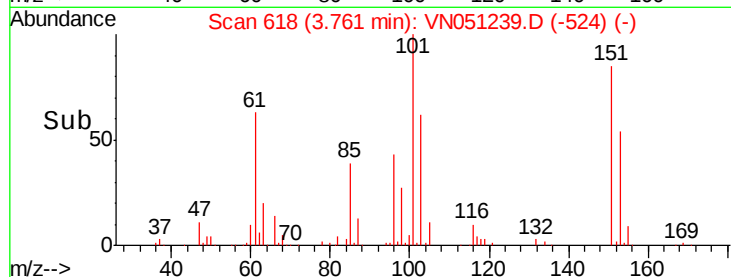
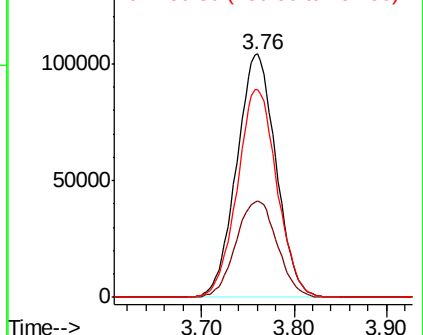
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.37 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.6	33.3	49.9
151	86.3	68.2	102.2

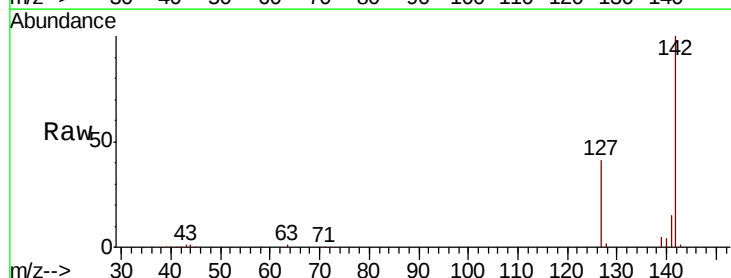


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

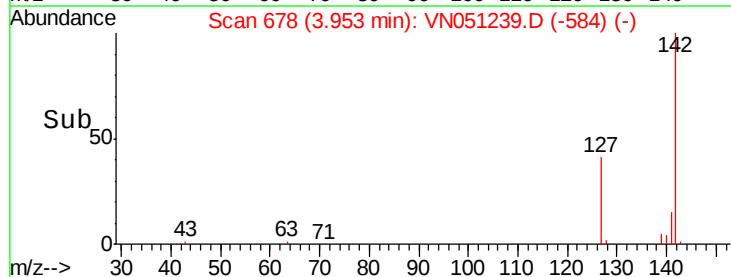
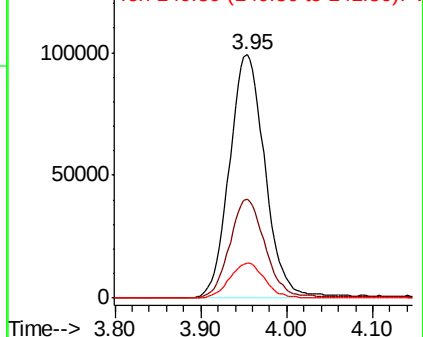


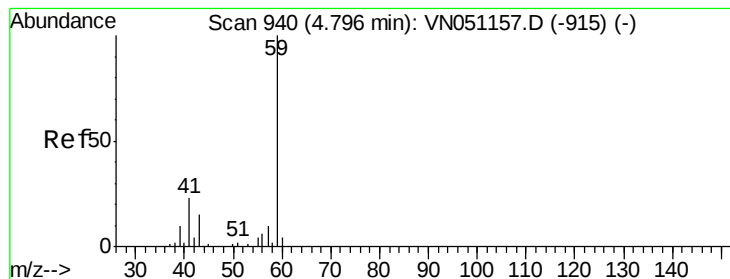
#10
 Methyl Iodide
 Concen: 44.78 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.2	31.0	46.4
141	14.2	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



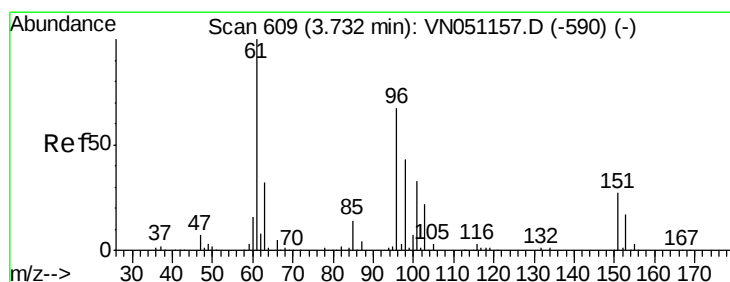
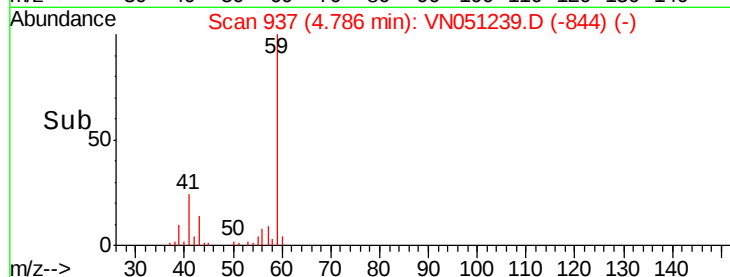
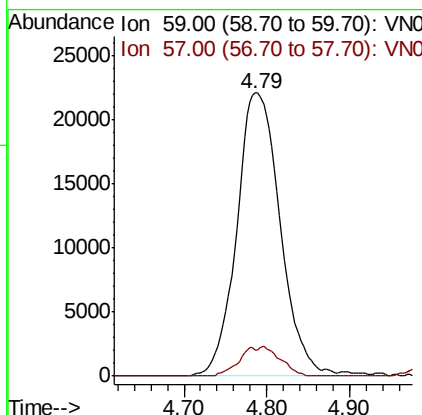
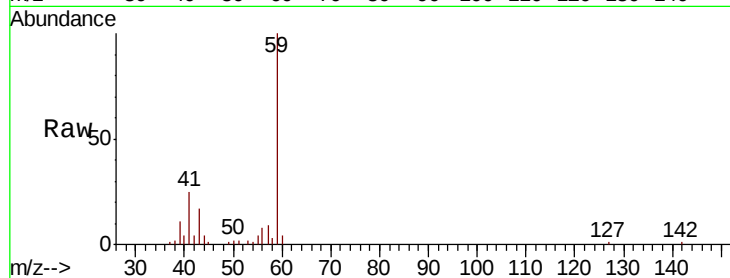


#11

Tert butyl alcohol
 Concen: 154.95 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

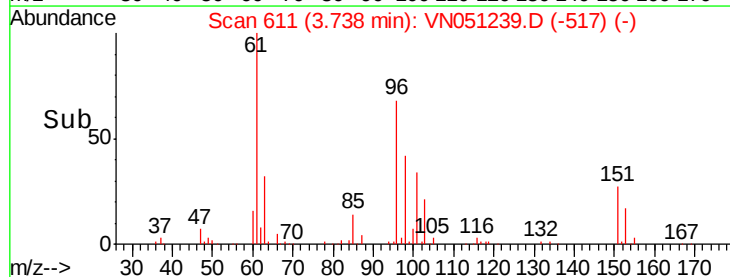
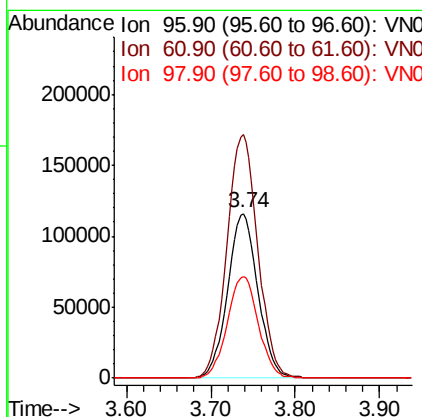
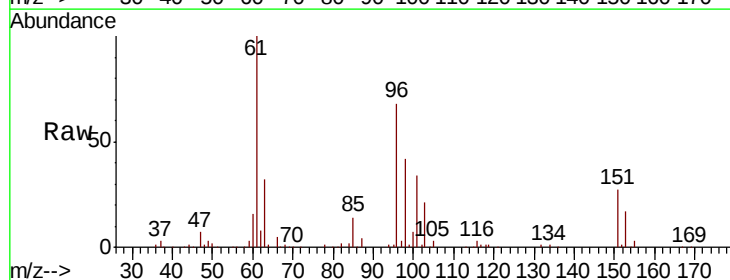
Tot Ion: 59 Resp: 80416
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

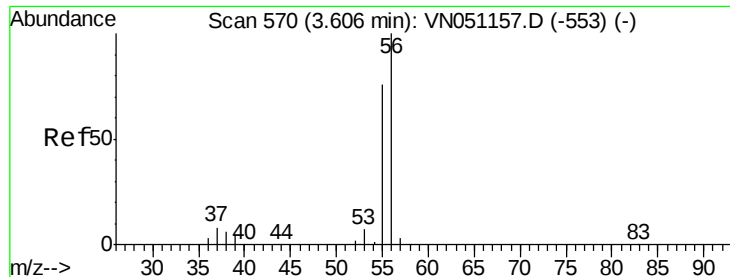


#12

1,1-Dichloroethene
 Concen: 44.41 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion: 96 Resp: 289219
 Ion Ratio Lower Upper
 96 100
 61 147.8 120.3 180.5
 98 61.7 50.8 76.2





#13

Acrolein

Concen: 231.20 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

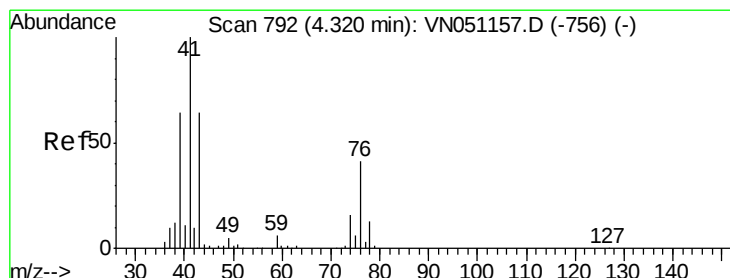
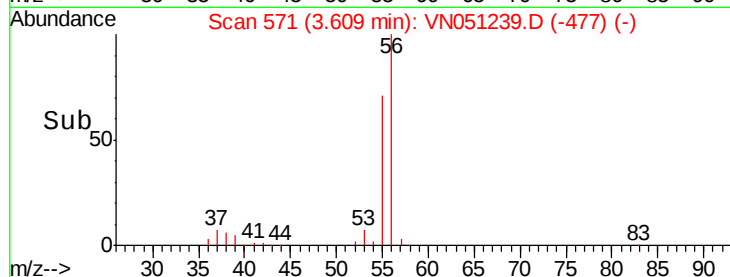
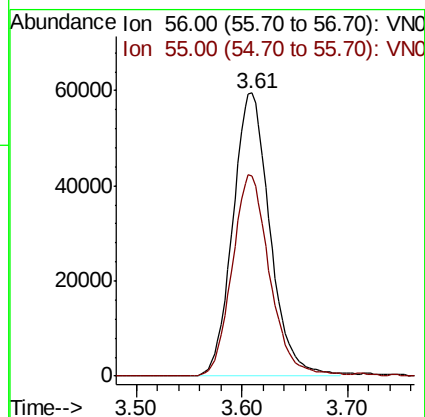
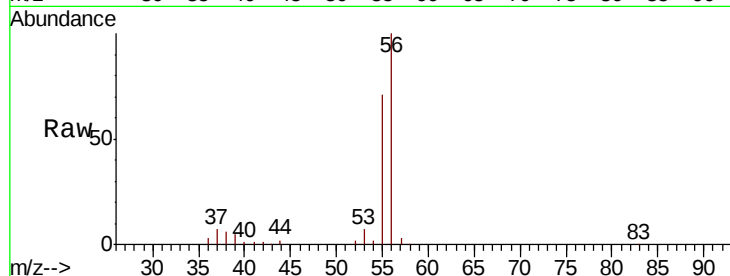
VSTDCCC050

Tot Ion: 56 Resp: 145178

Ion Ratio Lower Upper

56 100

55 72.1 58.0 87.0



#14

Allyl chloride

Concen: 41.36 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

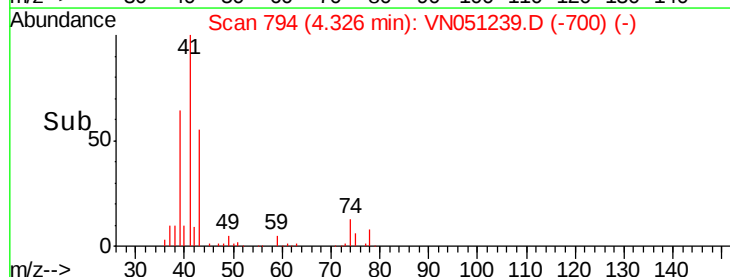
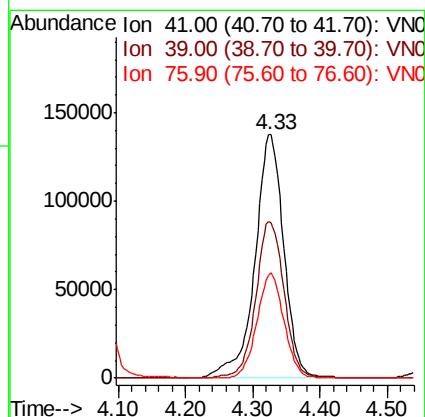
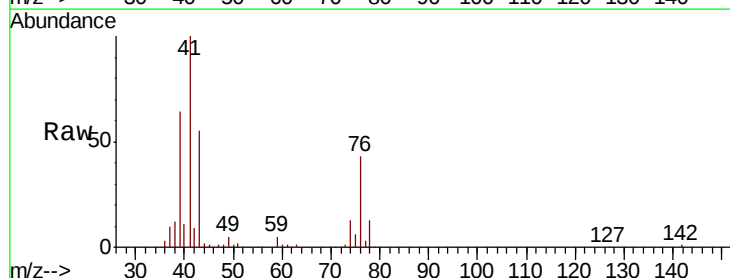
Tgt Ion: 41 Resp: 410425

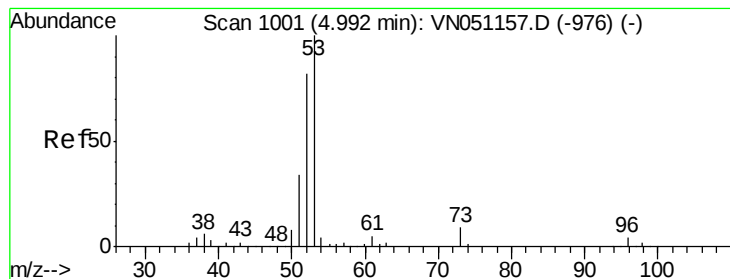
Ion Ratio Lower Upper

41 100

39 62.7 48.8 73.2

76 39.6 30.6 45.8





#15

Acrylonitrile

Concen: 201.53 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

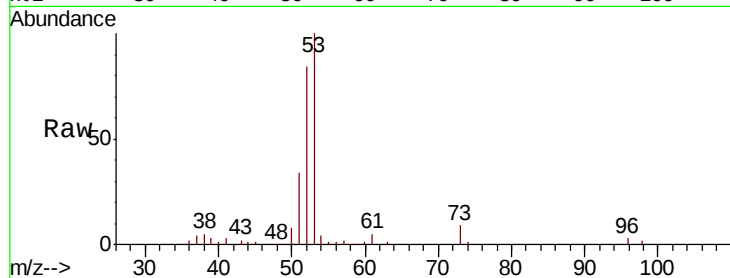
Tot Ion: 53 Resp: 463455

Ion Ratio Lower Upper

53 100

52 83.1 65.3 97.9

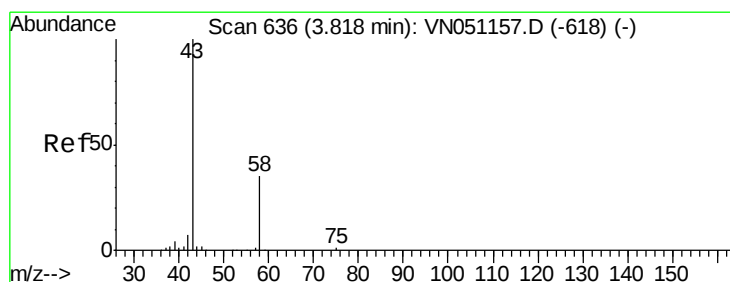
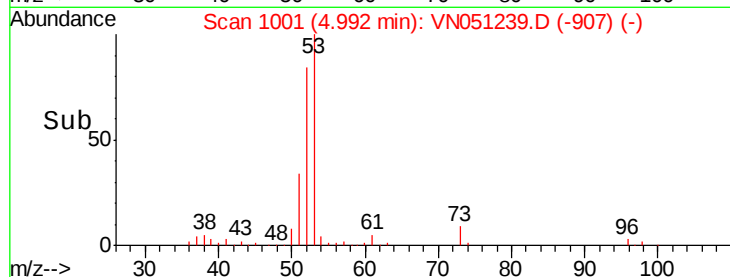
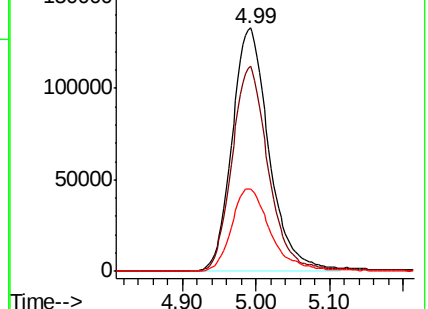
51 35.5 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 179.10 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051239.D

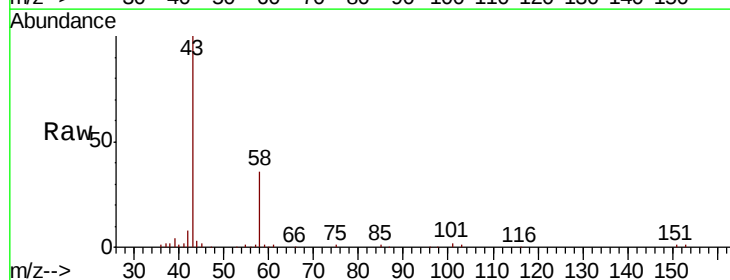
Acq: 15 Sep 2018 22:28

Tgt Ion: 43 Resp: 303672

Ion Ratio Lower Upper

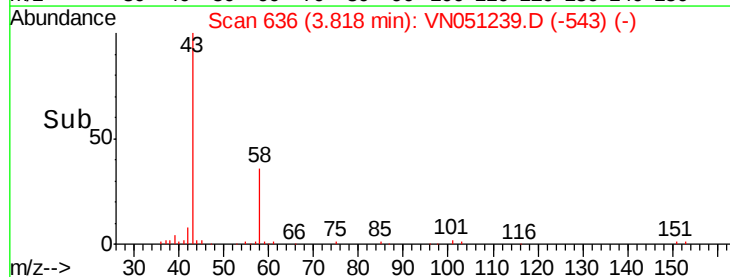
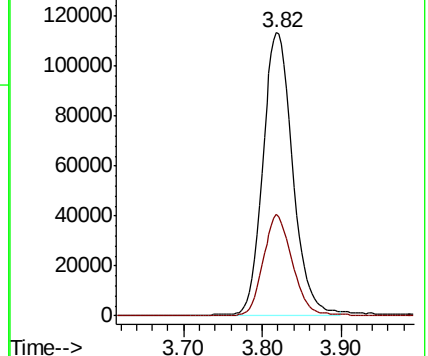
43 100

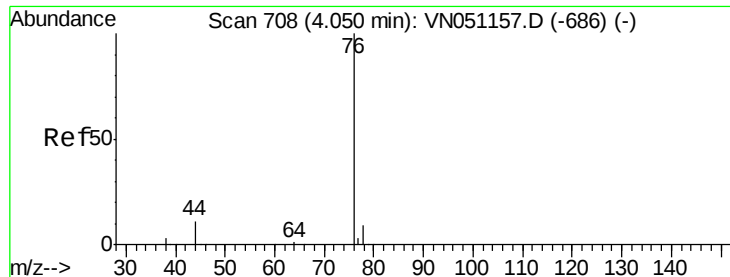
58 35.9 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

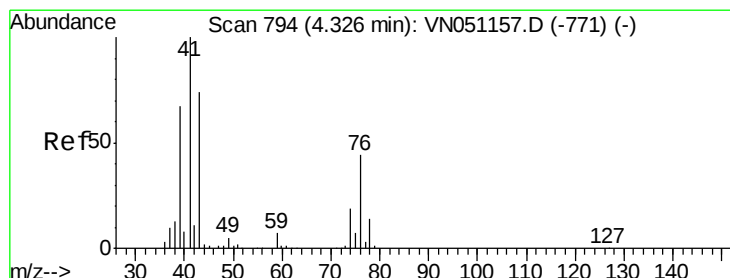
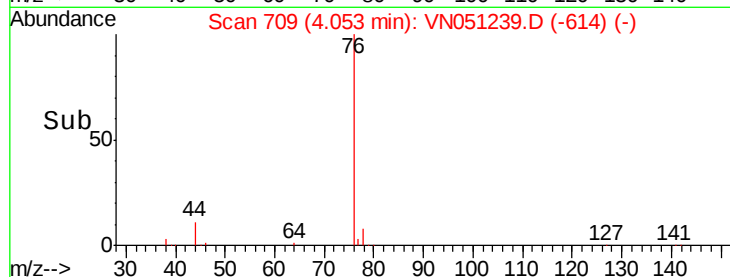
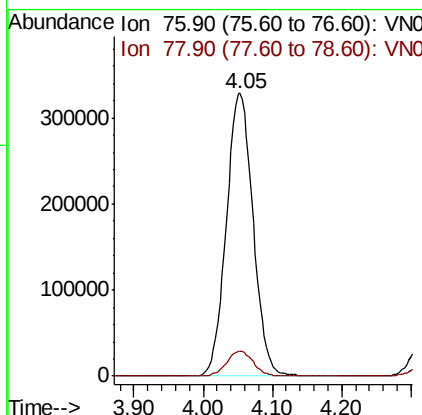
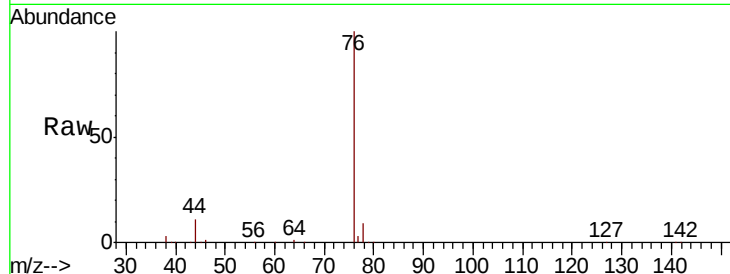




#17
 Carbon Disulfide
 Concen: 46.11 ug/l
 RT: 4.05 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

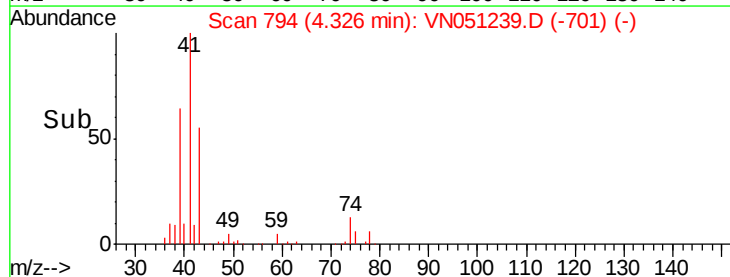
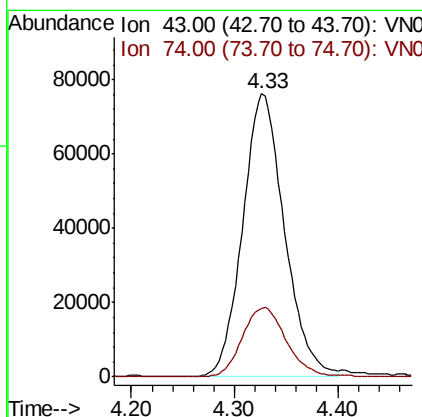
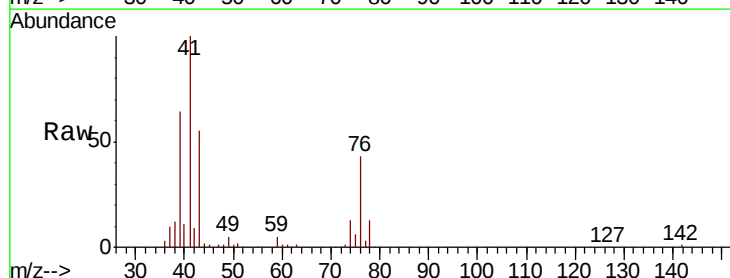
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

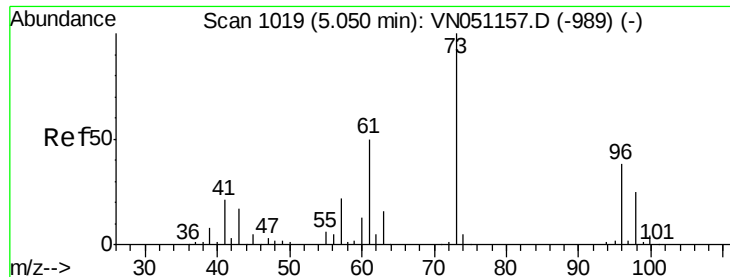
Tot Ion: 76 Resp: 884890
 Ion Ratio Lower Upper
 76 100
 78 9.0 7.0 10.6



#18
 Methyl Acetate
 Concen: 39.14 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion: 43 Resp: 212971
 Ion Ratio Lower Upper
 43 100
 74 26.0 20.7 31.1

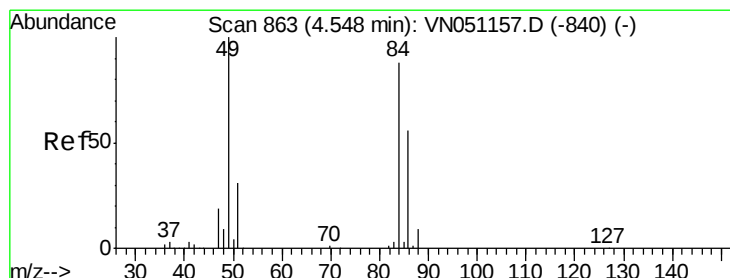
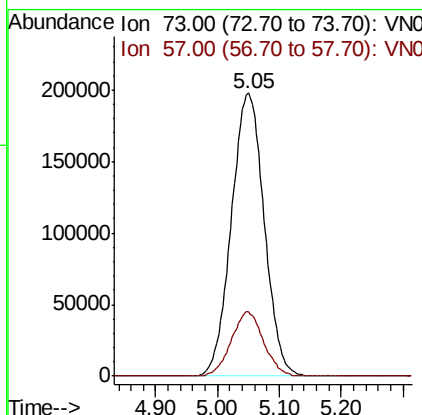
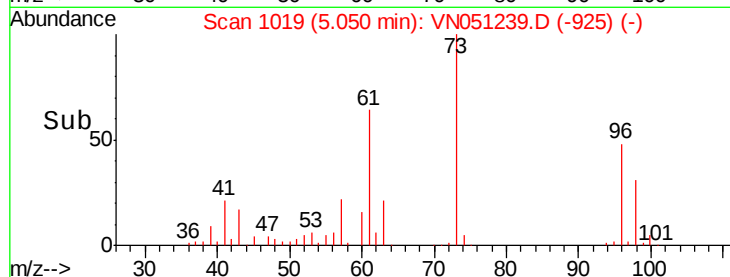
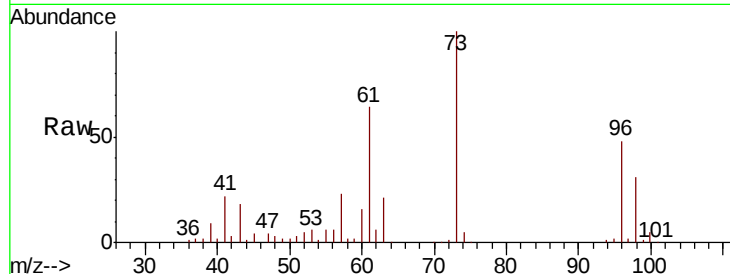




#19
Methvl tert-butvl Ether
Concen: 42.29 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

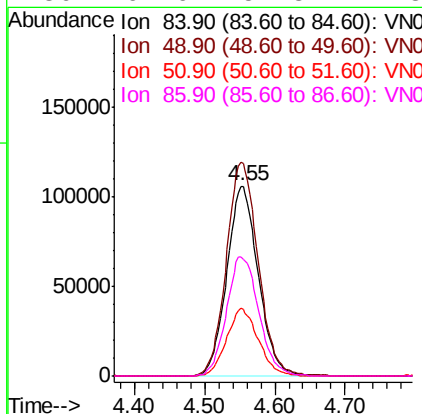
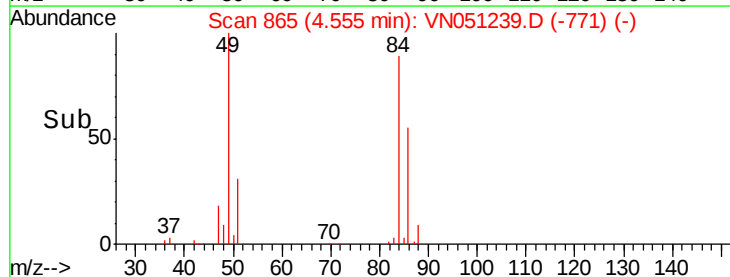
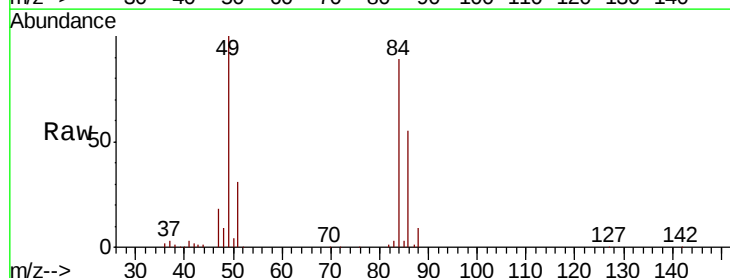
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

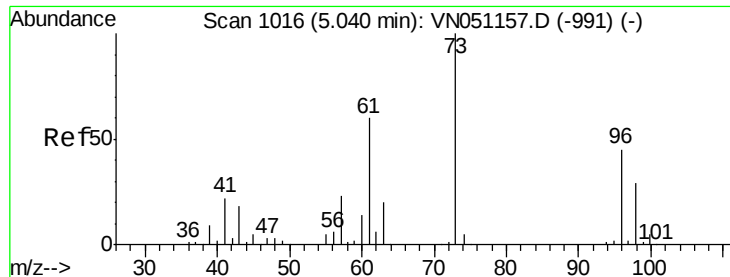
Tot Ion: 73 Resp: 728120
Ion Ratio Lower Upper
73 100
57 22.6 17.9 26.9



#20
Methylene Chloride
Concen: 43.93 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Tgt Ion: 84 Resp: 329681
Ion Ratio Lower Upper
84 100
49 112.4 90.2 135.2
51 35.1 28.4 42.6
86 61.6 51.8 77.8

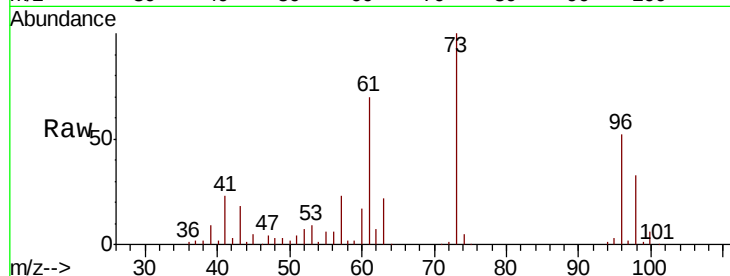




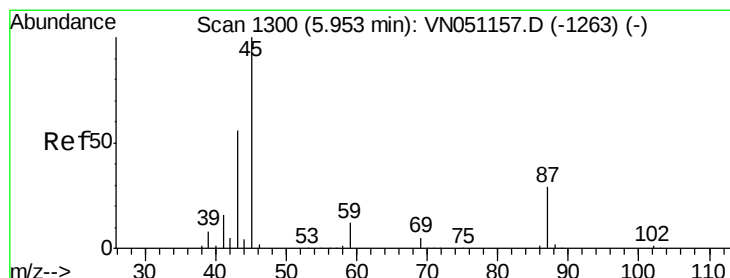
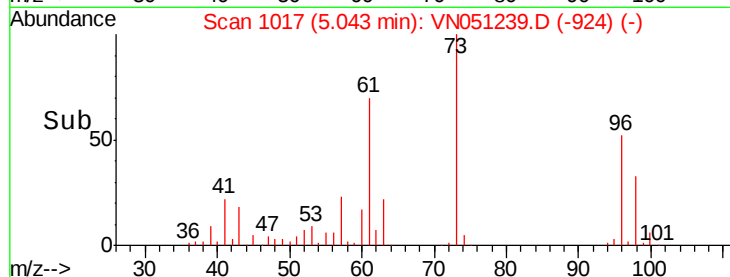
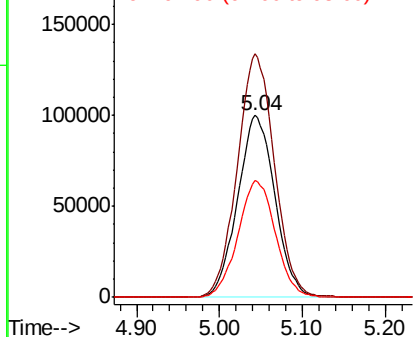
#21
trans-1,2-Dichloroethene
Concen: 44.22 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 312377
Ion Ratio Lower Upper
96 100
61 133.8 106.5 159.7
98 64.3 50.4 75.6

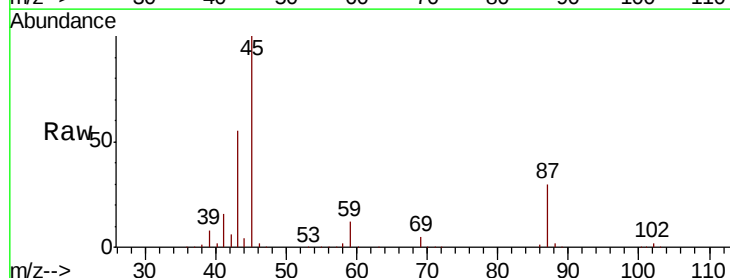


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

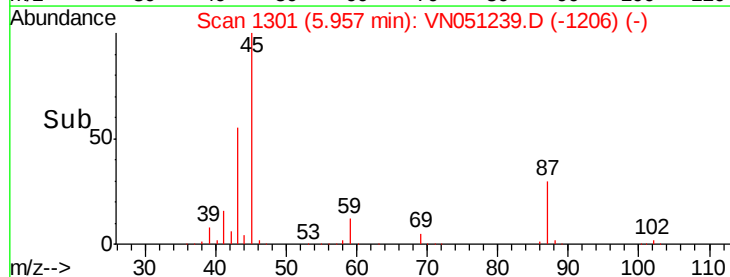
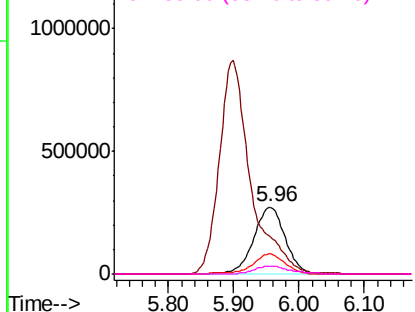


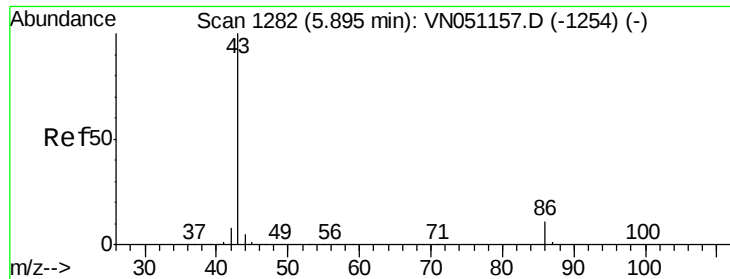
#22
Diisopropyl ether
Concen: 46.35 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Tgt Ion: 45 Resp: 912851
Ion Ratio Lower Upper
45 100
43 54.8 48.8 73.2
87 29.9 23.8 35.8
59 11.8 9.6 14.4



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





#23

Vinyl Acetate

Concen: 218.86 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

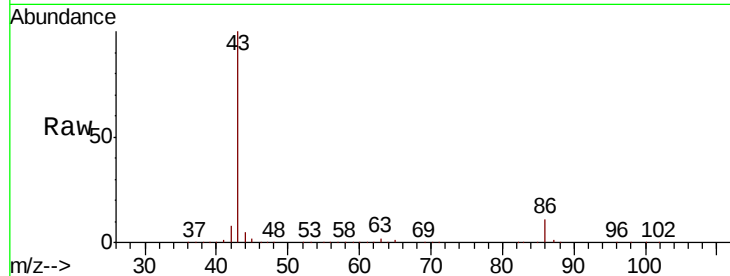
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2917187

Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN051157.D (-1254) (-)

5.90

800000

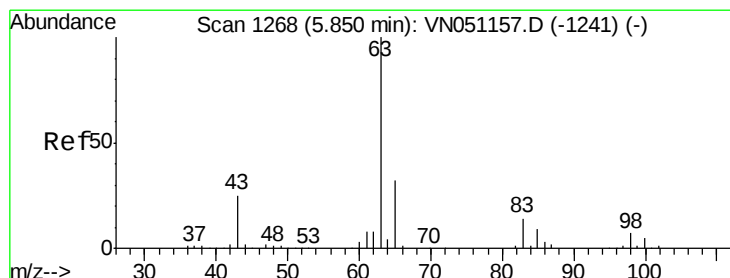
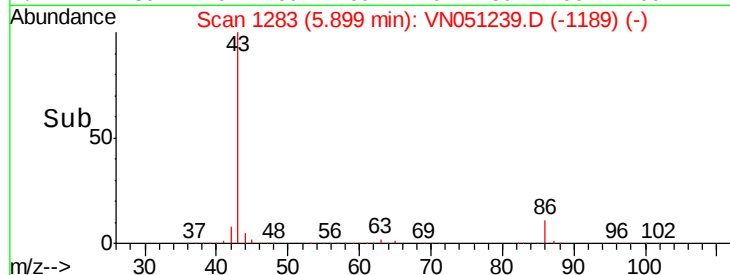
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.02 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

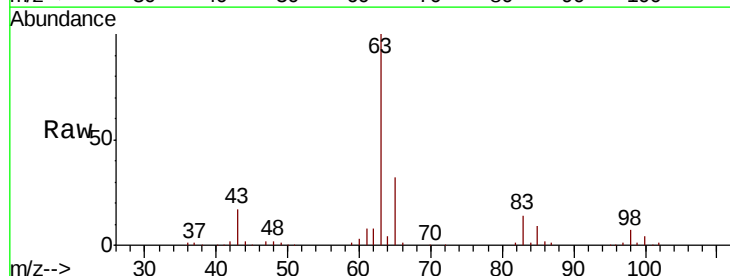
Tgt Ion: 63 Resp: 562627

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.1

100 4.3 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN051157.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN051157.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN051157.D (-1241) (-)

5.85

200000

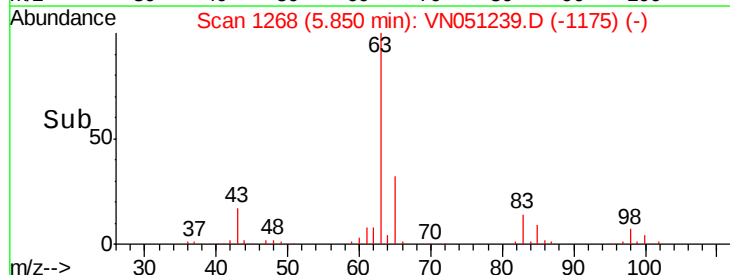
150000

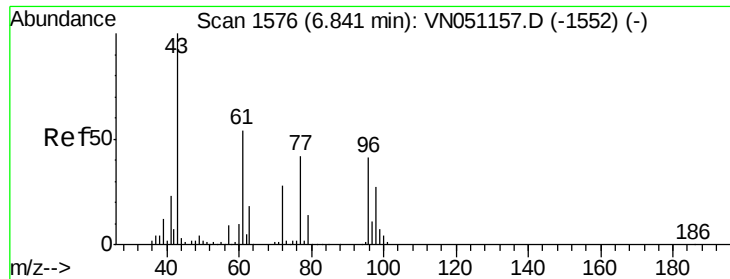
100000

50000

0

Time-->





#25

2-Butanone

Concen: 177.47 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

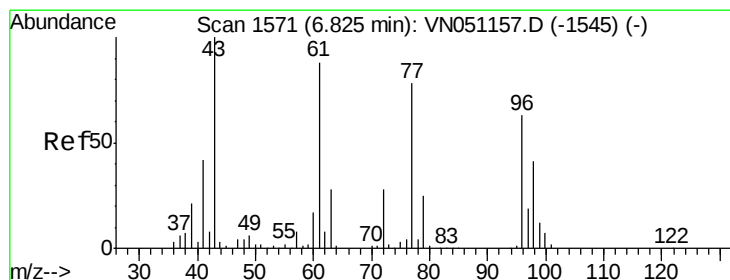
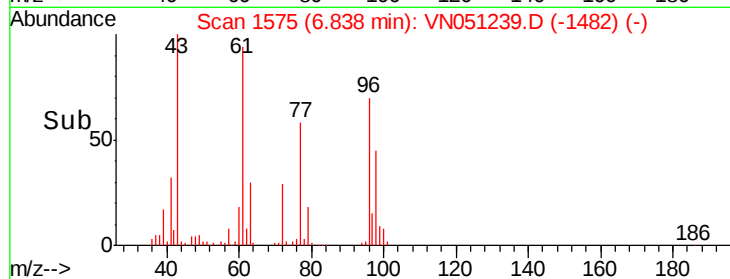
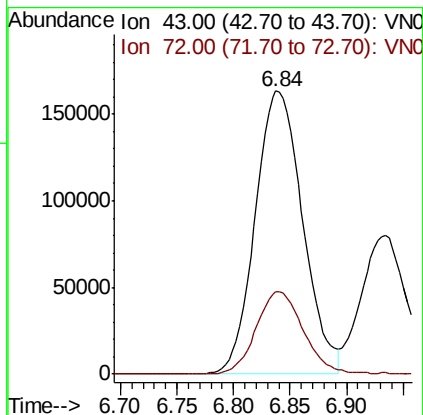
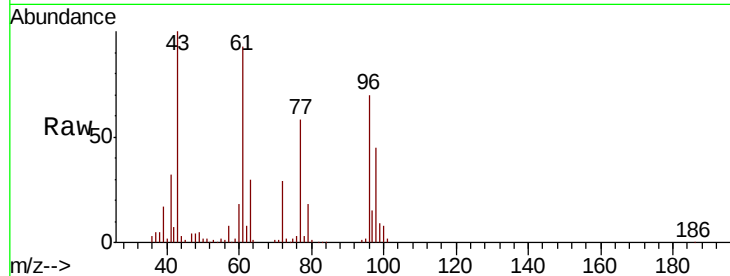
VSTDCCC050

Tot Ion: 43 Resp: 474100

Ion Ratio Lower Upper

43 100

72 29.1 23.0 34.6



#26

2,2-Dichloropropane

Concen: 33.22 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN051239.D

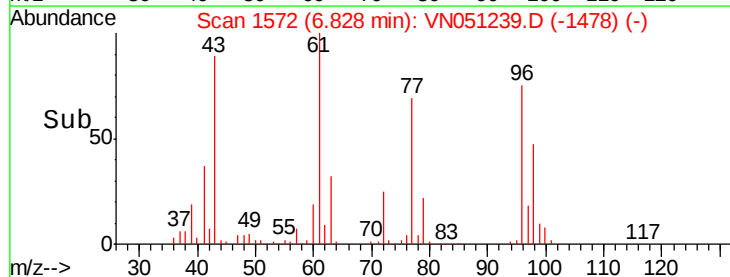
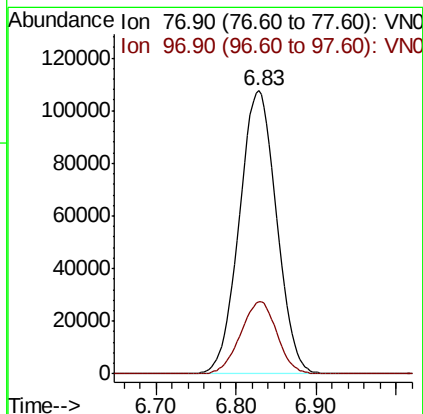
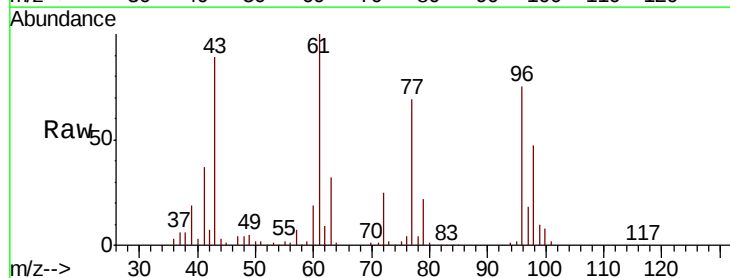
Acq: 15 Sep 2018 22:28

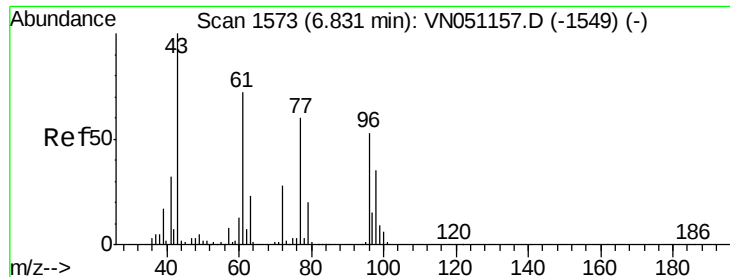
Tgt Ion: 77 Resp: 339818

Ion Ratio Lower Upper

77 100

97 25.1 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 43.92 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

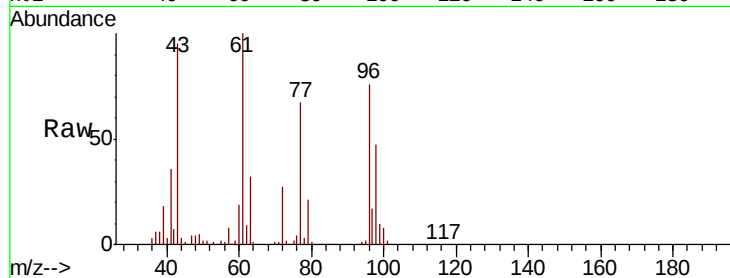
Tot Ion: 96 Resp: 340357

Ion Ratio Lower Upper

96 100

61 136.7 0.0 278.2

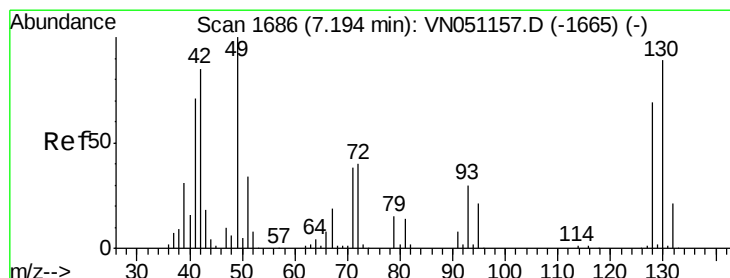
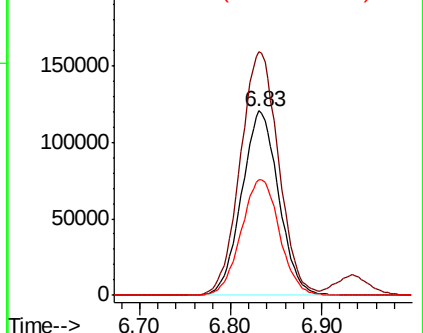
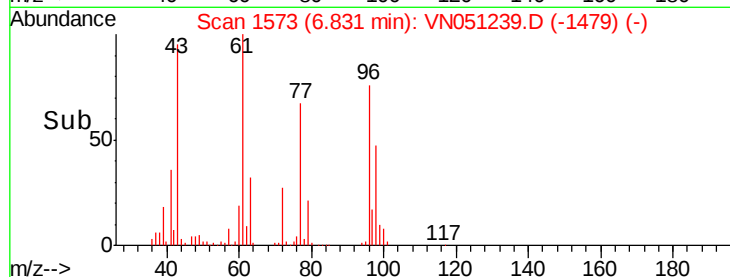
98 65.1 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN051239.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN051239.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN051239.D (-1479) (-)



#28

Bromochloromethane

Concen: 42.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

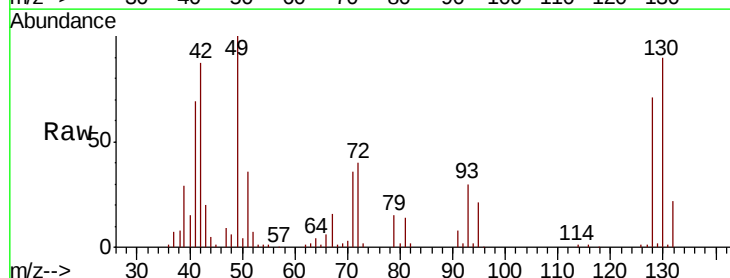
Tgt Ion: 49 Resp: 233607

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

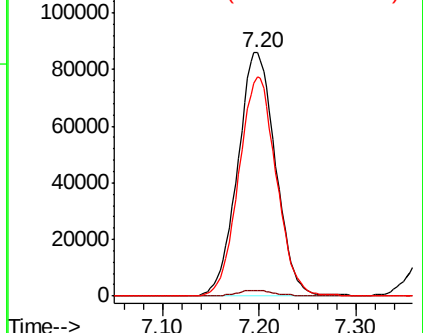
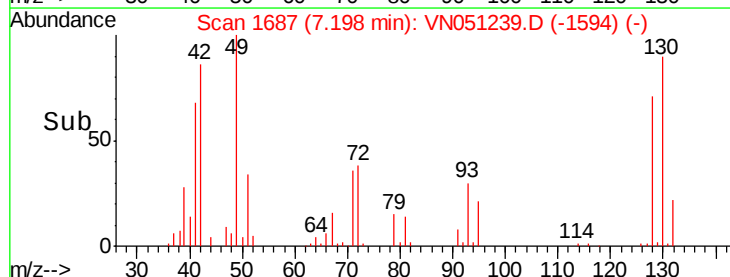
130 89.3 70.7 106.1

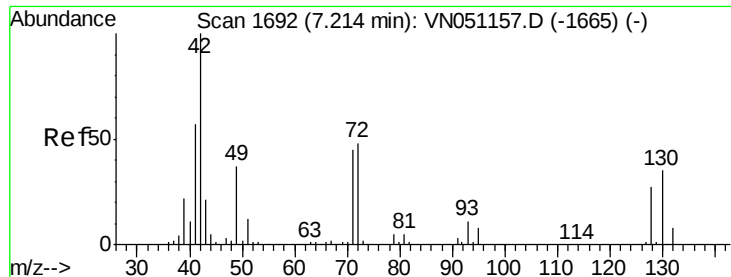


Abundance Ion 48.90 (48.60 to 49.60): VN051239.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN051239.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN051239.D (-1594) (-)





#29

Tetrahydrofuran

Concen: 196.63 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

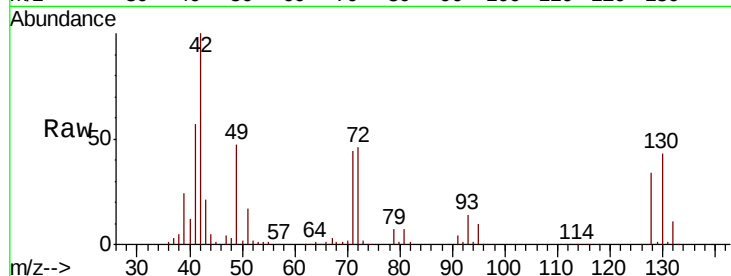
Tot Ion: 42 Resp: 328019

Ion Ratio Lower Upper

42 100

72 46.3 37.4 56.0

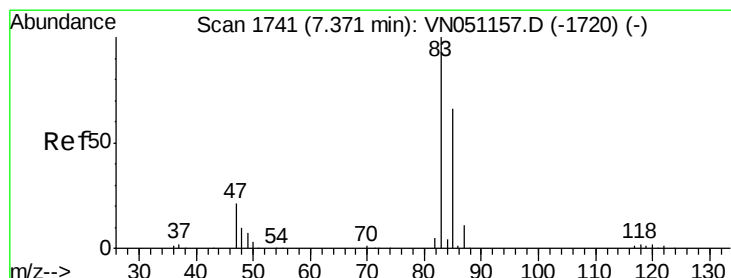
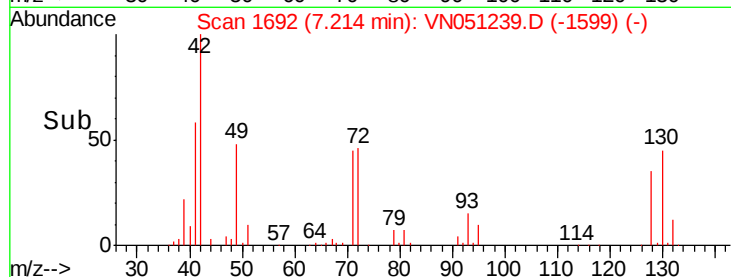
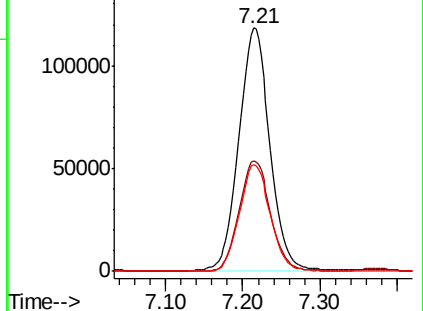
71 44.0 34.7 52.1



Abundance Ion 42.00 (41.70 to 42.70): VN051157.D (-1665) (-)

Ion 72.00 (71.70 to 72.70): VN051157.D (-1665) (-)

Ion 71.00 (70.70 to 71.70): VN051157.D (-1665) (-)



#30

Chloroform

Concen: 45.97 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051239.D

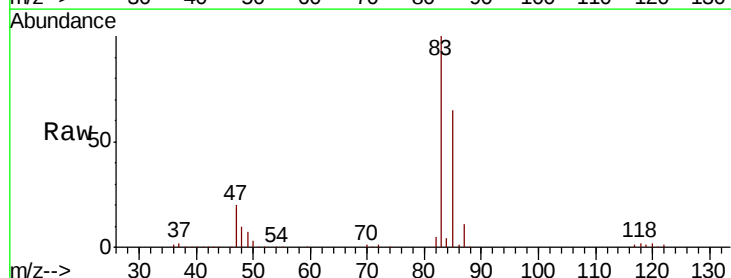
Acq: 15 Sep 2018 22:28

Tgt Ion: 83 Resp: 571472

Ion Ratio Lower Upper

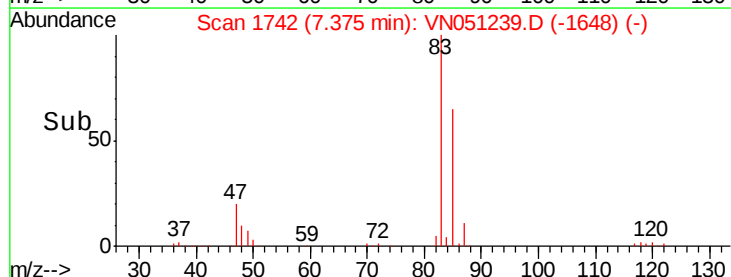
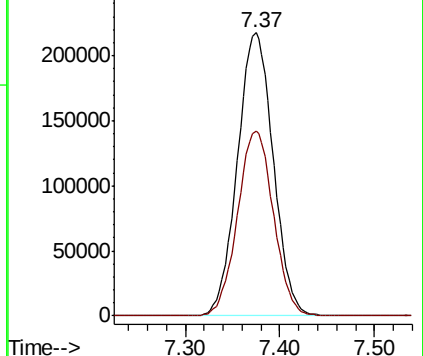
83 100

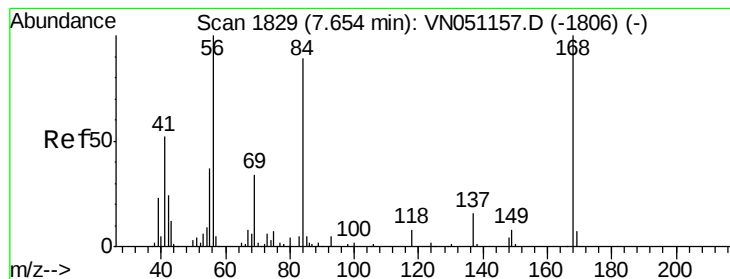
85 65.2 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN051157.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN051157.D (-1720) (-)





#31

Cyclohexane

Concen: 44.73 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

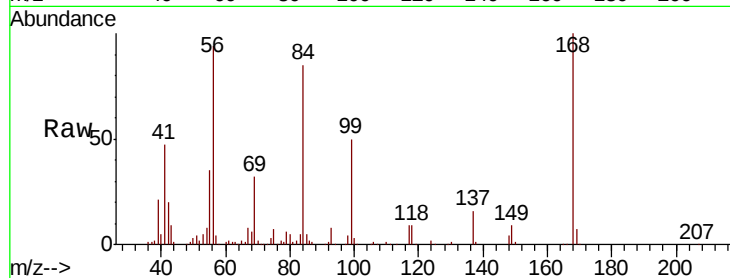
Tot Ion: 56 Resp: 498678

Ion Ratio Lower Upper

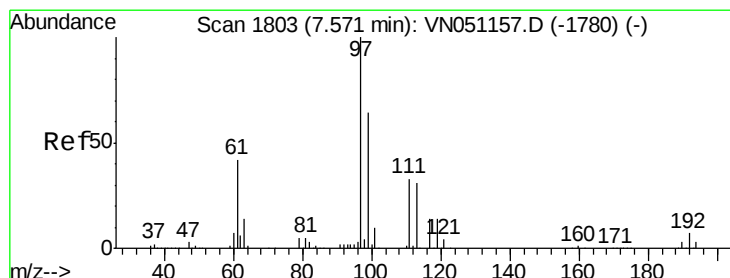
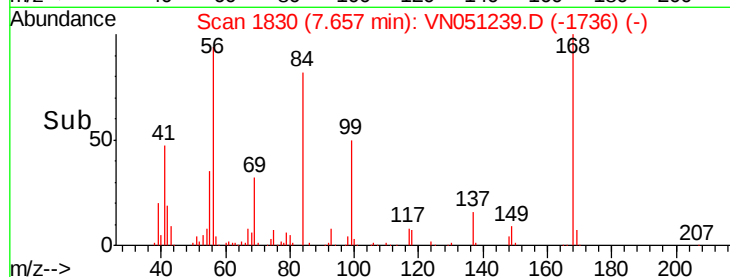
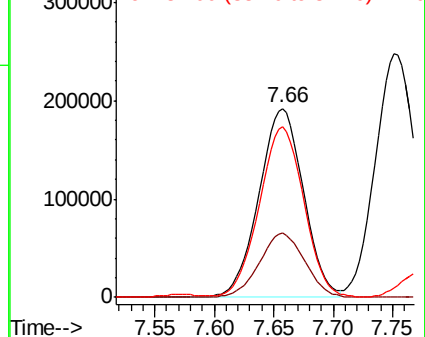
56 100

69 34.0 26.3 39.5

84 88.9 69.4 104.0



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



#32

1,1,1-Trichloroethane

Concen: 46.15 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

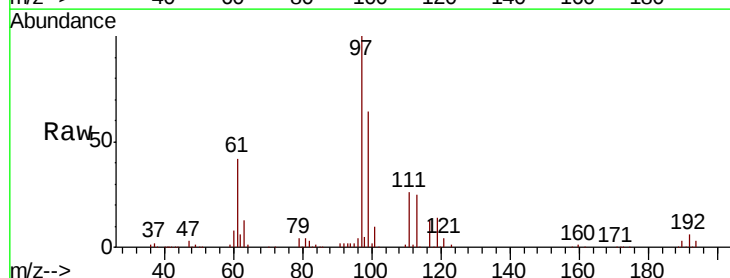
Tgt Ion: 97 Resp: 488884

Ion Ratio Lower Upper

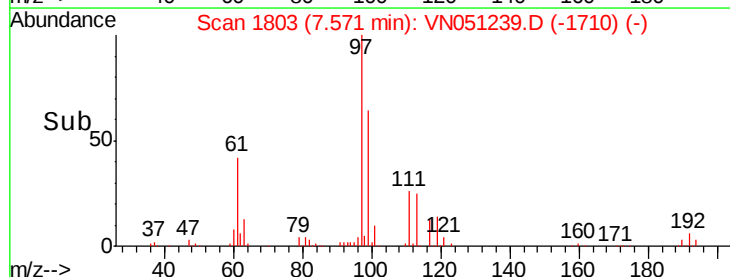
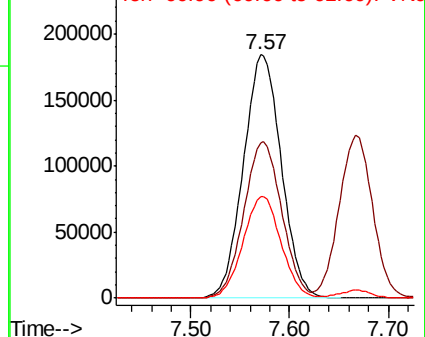
97 100

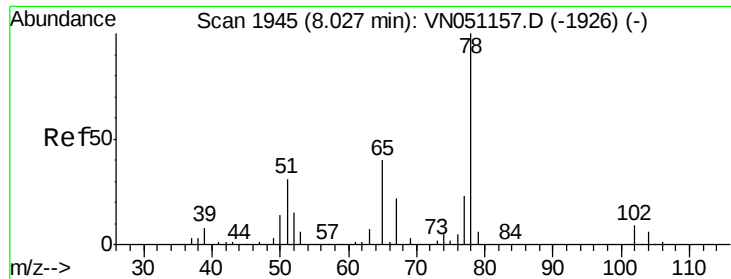
99 64.5 51.6 77.4

61 42.0 33.8 50.6



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

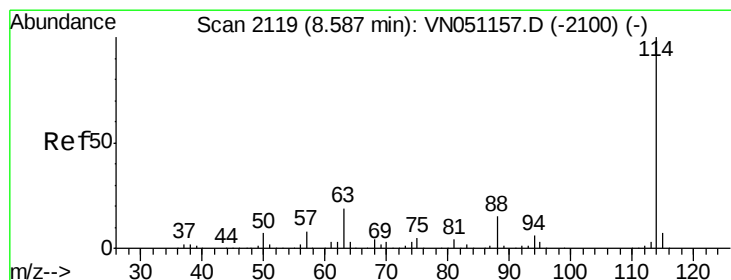
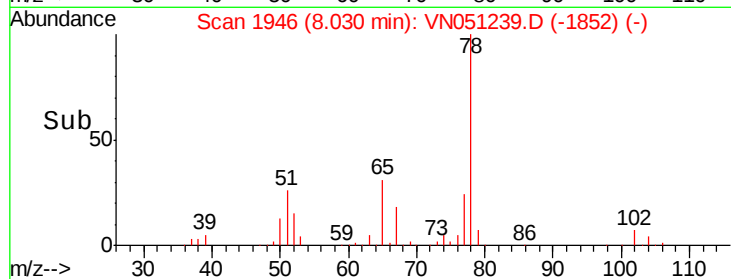
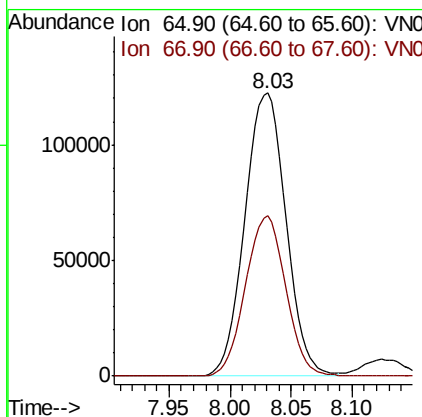
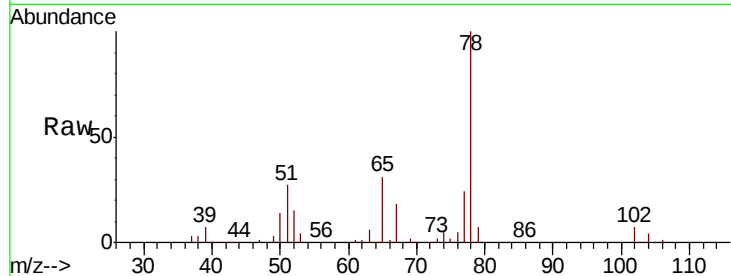




#33
 1,2-Dichloroethane-d4
 Concen: 42.10 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

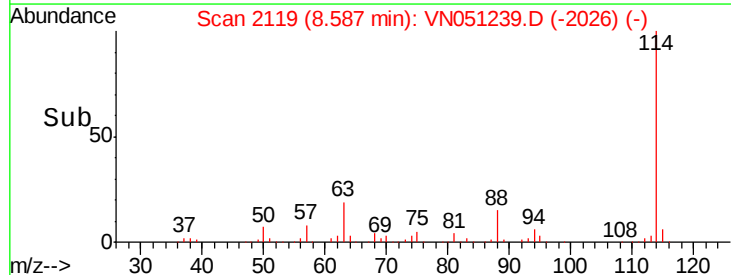
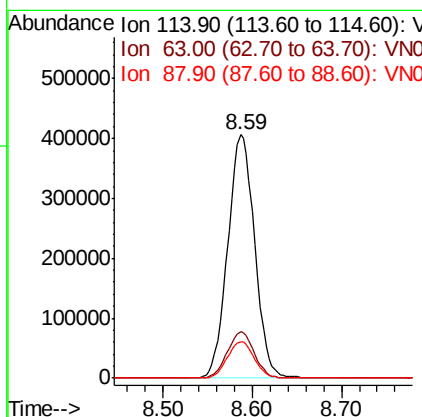
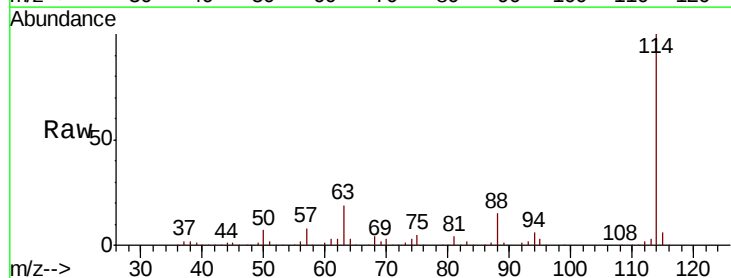
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

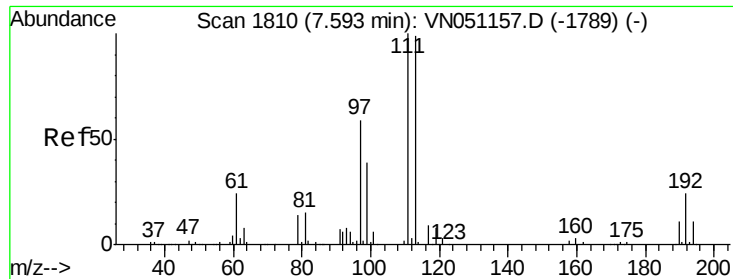
Tot Ion: 65 Resp: 286023
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion: 114 Resp: 848343
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.8
 88 15.1 0.0 30.8

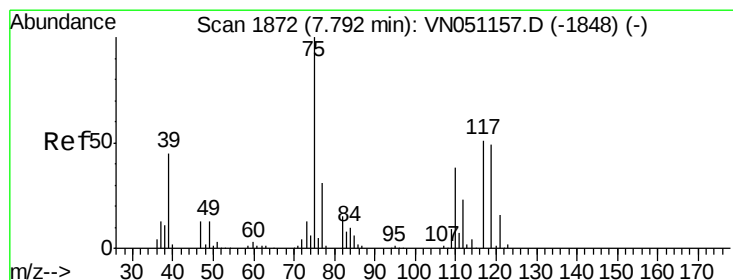
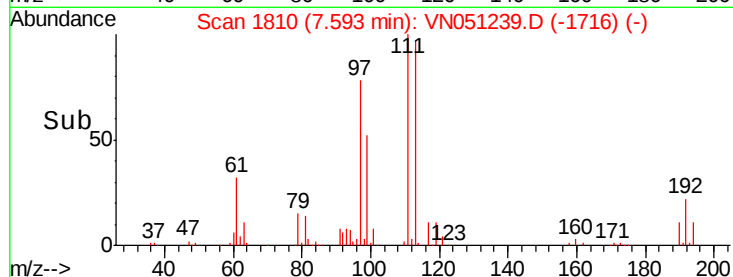
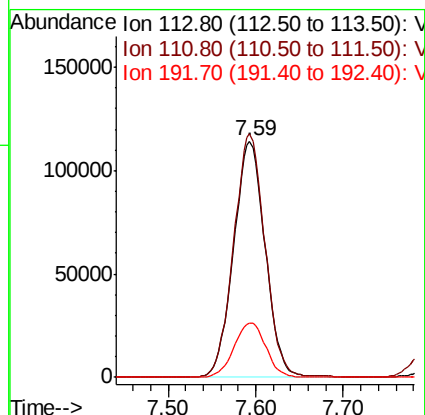
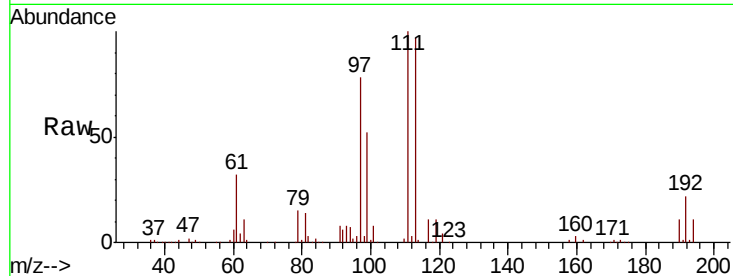




#35
 Dibromofluoromethane
 Concen: 44.92 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

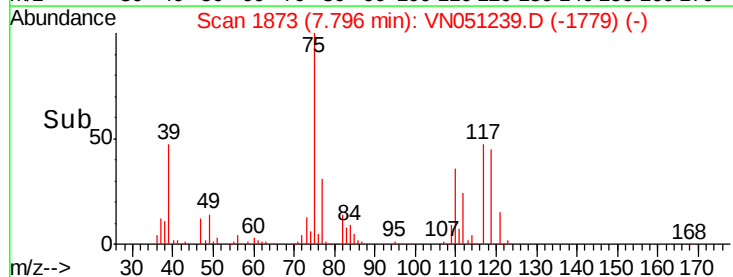
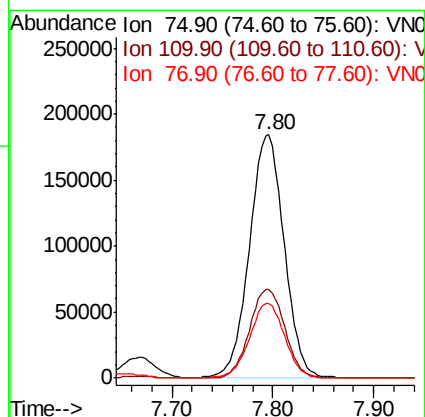
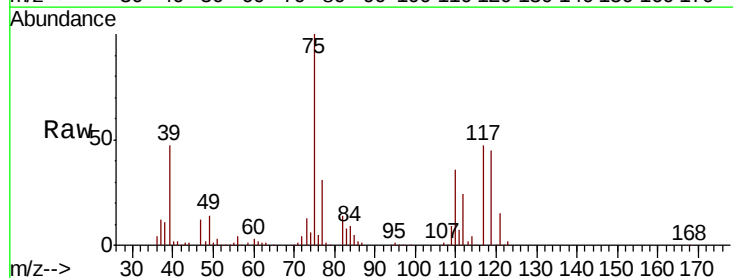
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

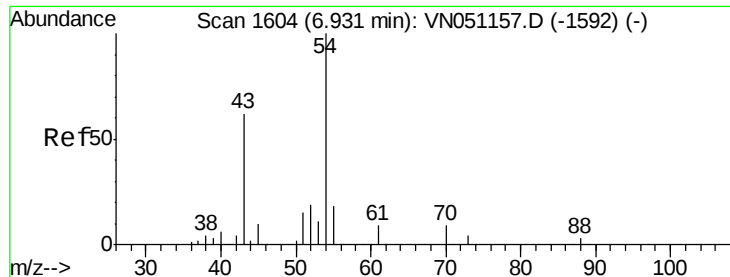
Tot Ion:113 Resp: 286337
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.0 124.6
 192 23.2 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 47.05 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion: 75 Resp: 438217
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.6 55.8
 77 31.5 25.2 37.8

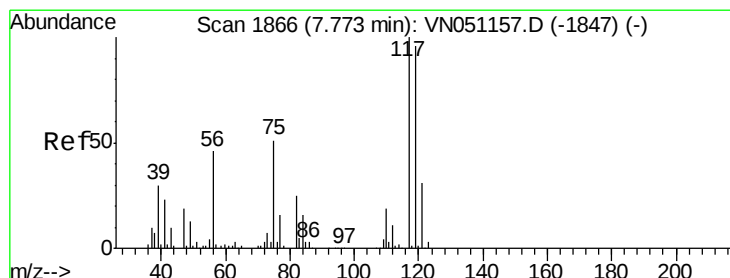
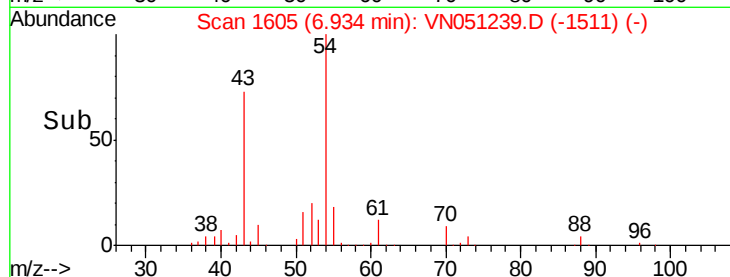
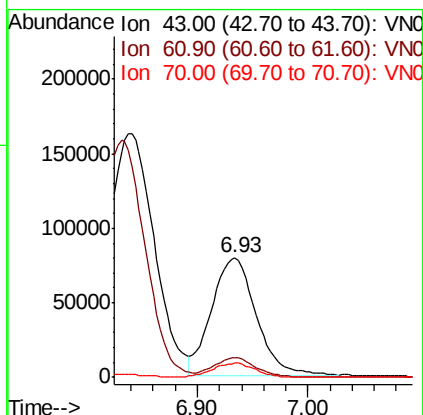
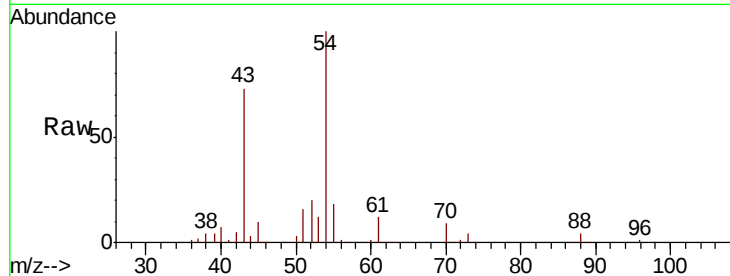




#37
Ethyl Acetate
Concen: 41.34 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

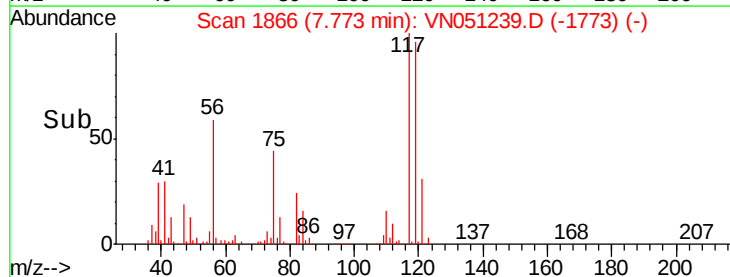
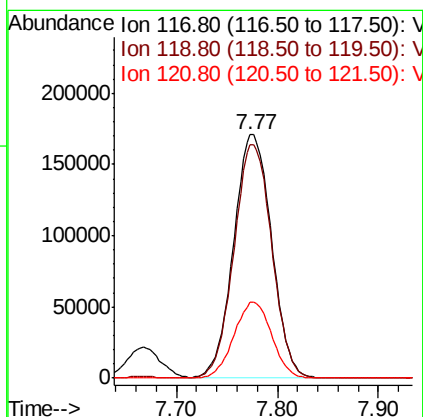
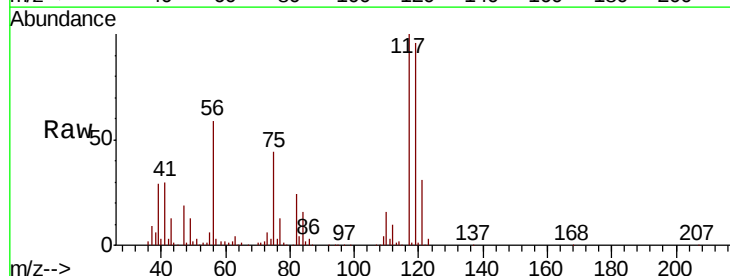
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

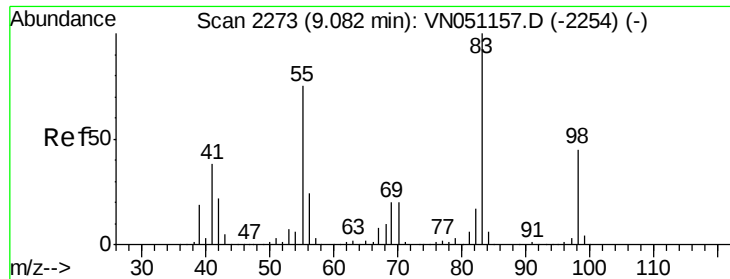
Tot Ion: 43 Resp: 222981
Ion Ratio Lower Upper
43 100
61 15.1 12.4 18.6
70 11.2 9.3 13.9



#38
Carbon Tetrachloride
Concen: 48.66 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Tgt Ion: 117 Resp: 446048
Ion Ratio Lower Upper
117 100
119 95.8 76.8 115.2
121 31.0 24.6 36.8

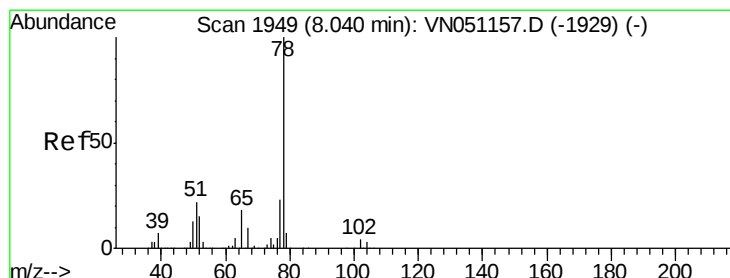
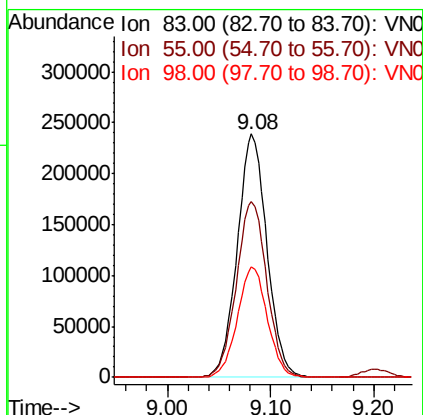
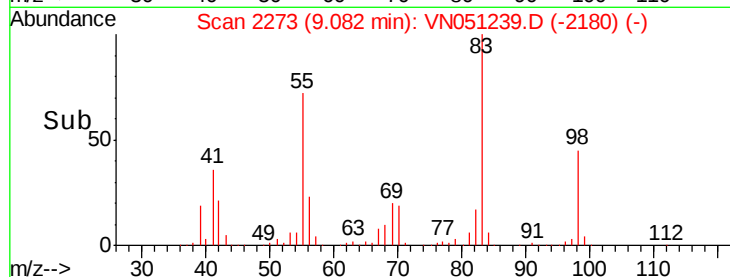
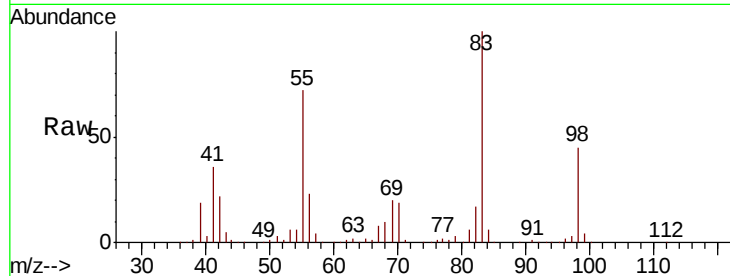




#39
Methvlcvclohexane
Concen: 46.58 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

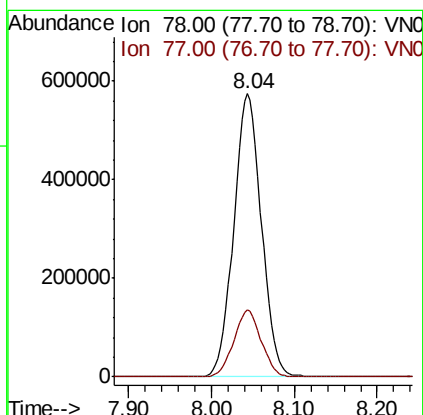
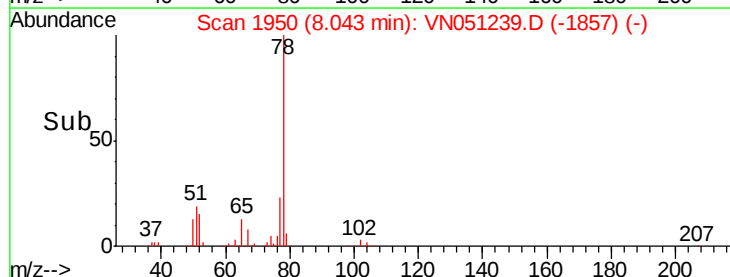
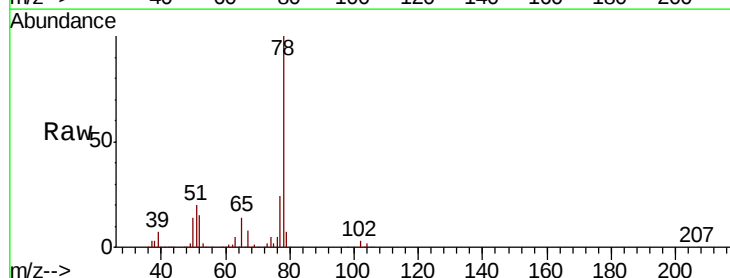
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

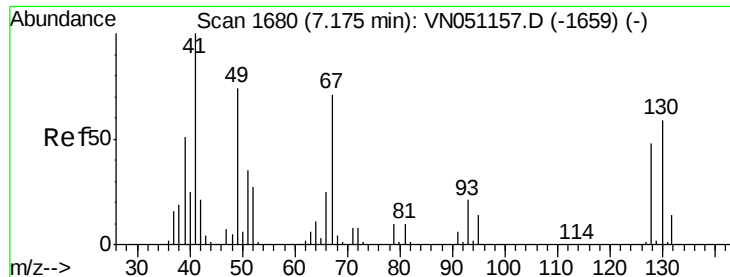
Tot Ion: 83 Resp: 478700
Ion Ratio Lower Upper
83 100
55 72.4 58.4 87.6
98 45.5 37.3 55.9



#40
Benzene
Concen: 47.51 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Tgt Ion: 78 Resp: 1333391
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41

Methacrylonitrile

Concen: 113.85 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.04 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 316862

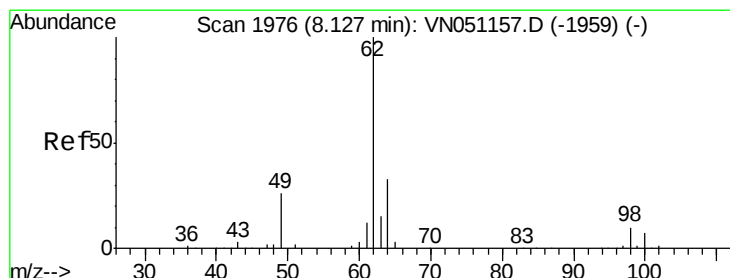
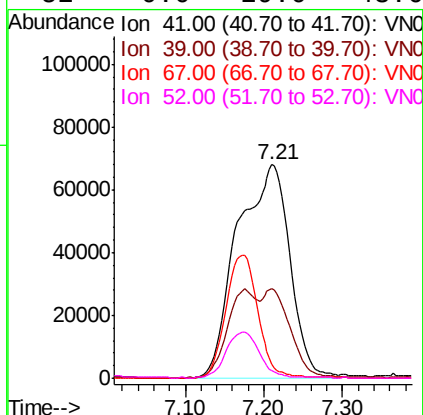
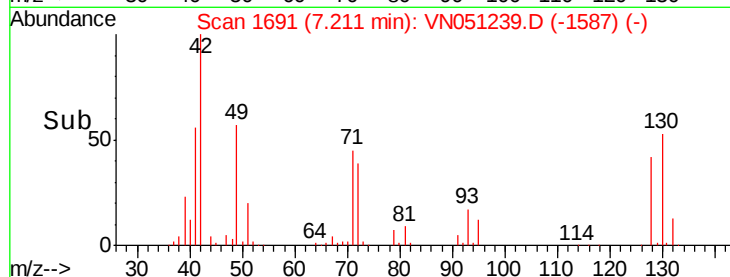
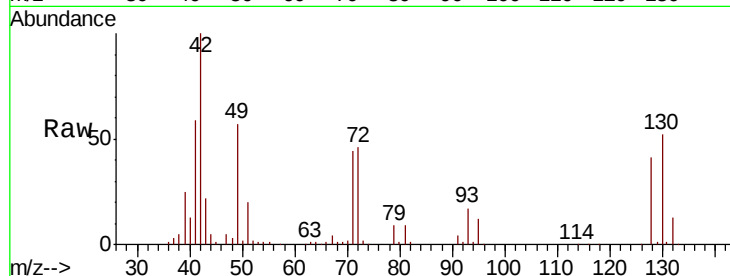
Ion Ratio Lower Upper

41 100

39 0.0 51.3 76.9#

67 0.0 78.5 117.7#

52 0.0 29.0 43.6#



#42

1,2-Dichloroethane

Concen: 46.86 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN051239.D

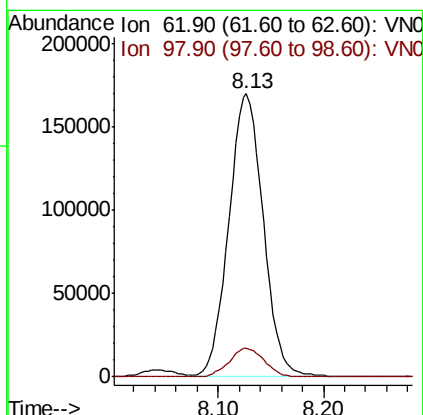
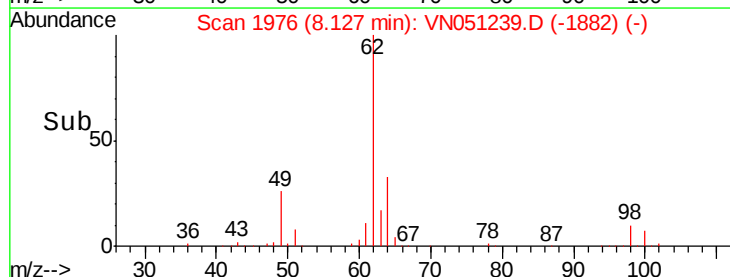
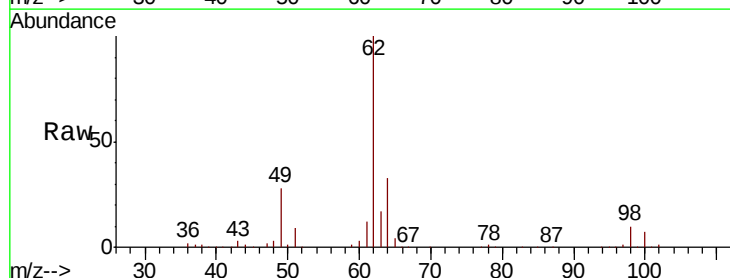
Acq: 15 Sep 2018 22:28

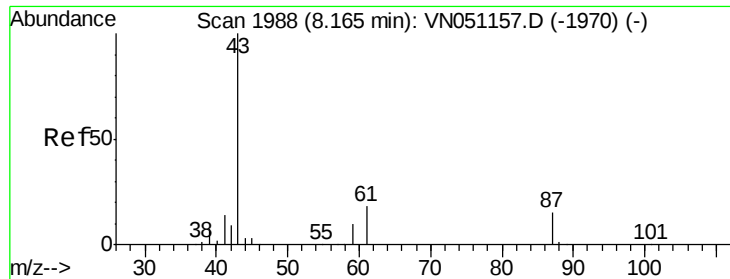
Tgt Ion: 62 Resp: 383375

Ion Ratio Lower Upper

62 100

98 10.3 0.0 21.0



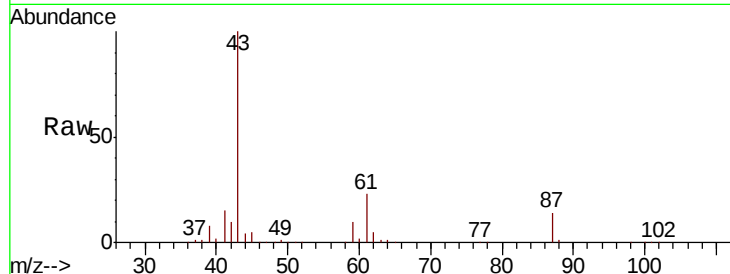


#43

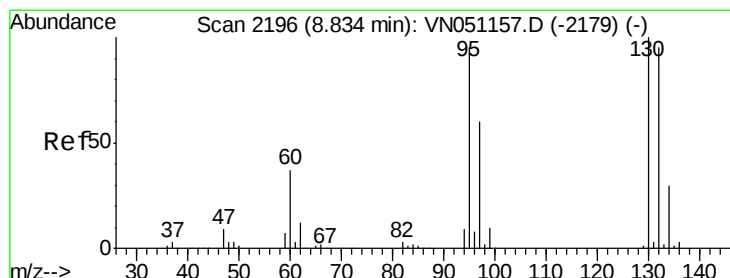
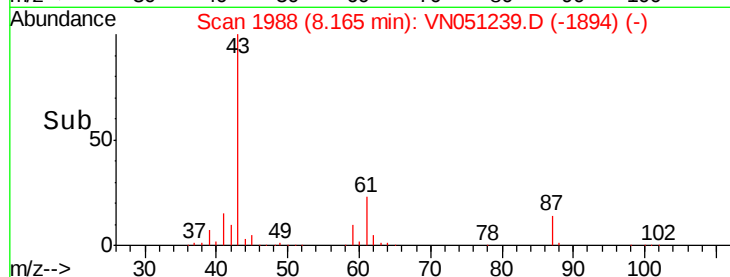
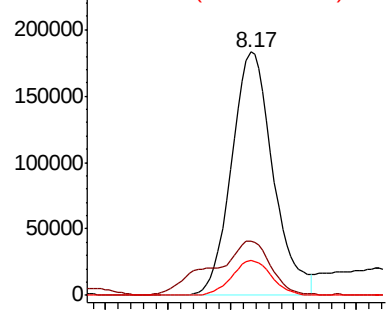
Isopropyl Acetate
 Concen: 44.12 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 419960
 Ion Ratio Lower Upper
 43 100
 61 31.0 25.0 37.6
 87 13.8 11.8 17.8



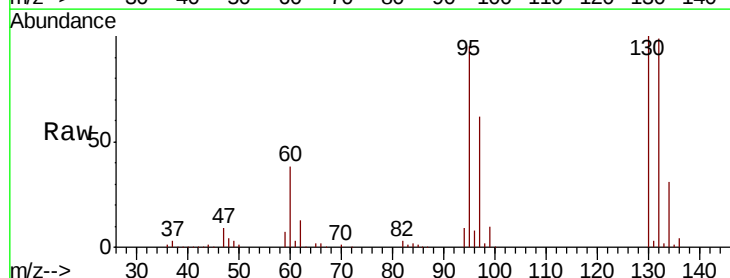
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



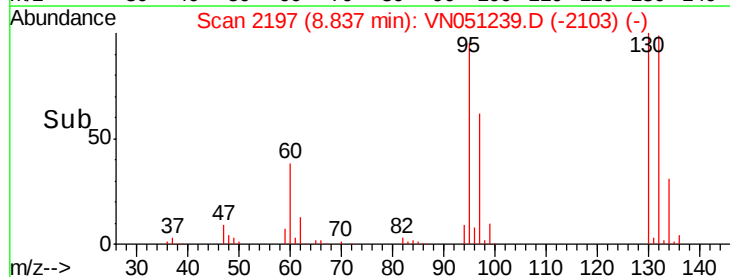
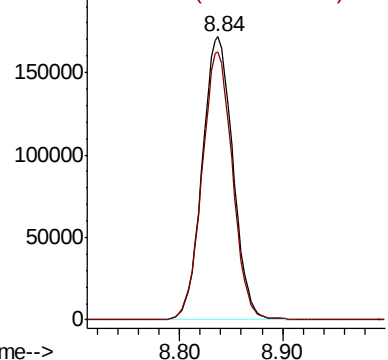
#44

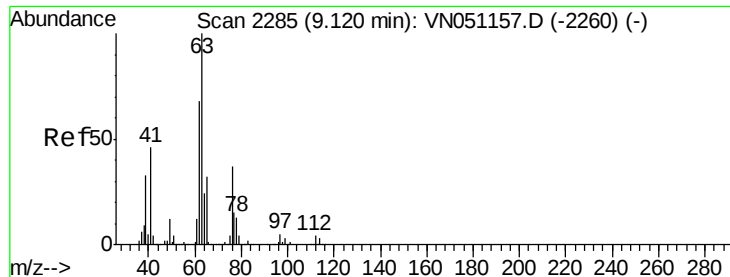
Trichloroethene
 Concen: 46.32 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion:130 Resp: 355606
 Ion Ratio Lower Upper
 130 100
 95 94.9 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

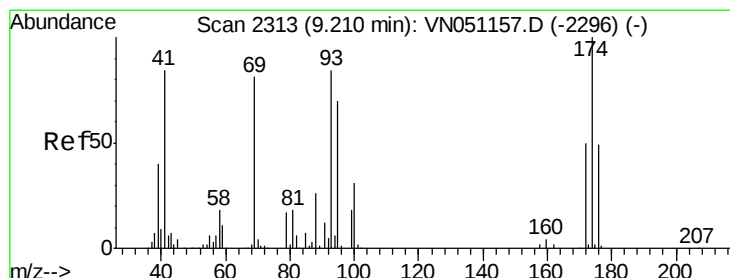
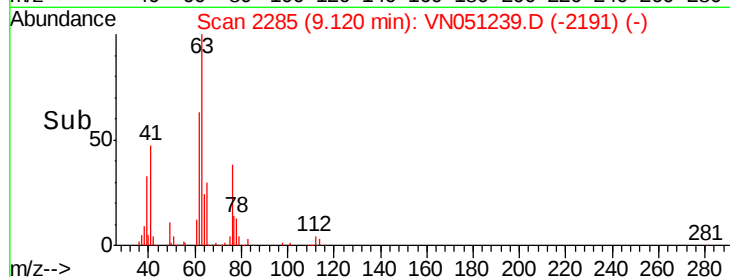
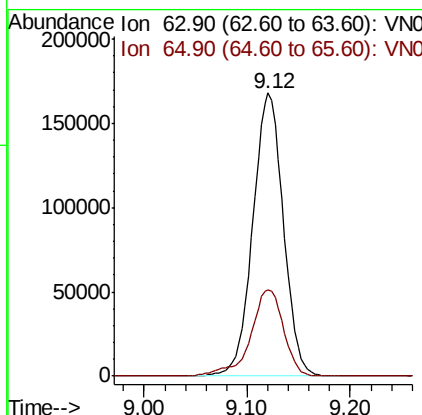
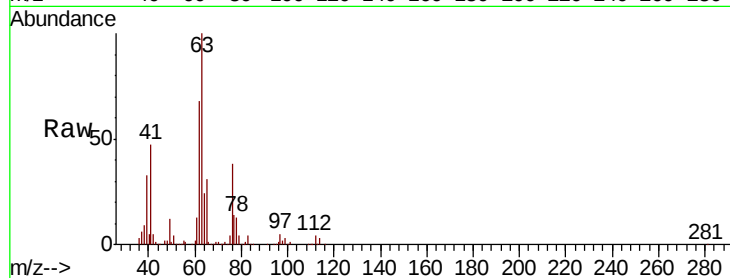




#45
 1,2-Dichloropropane
 Concen: 47.46 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

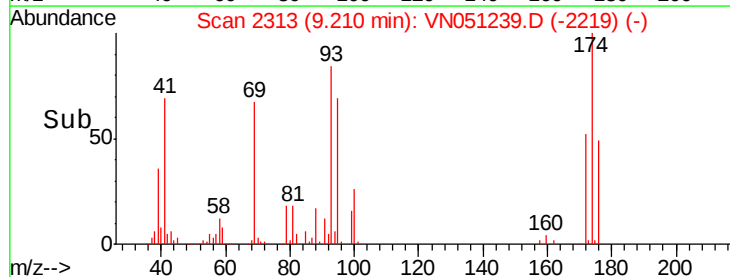
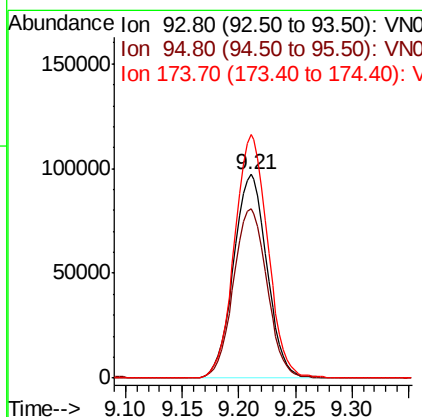
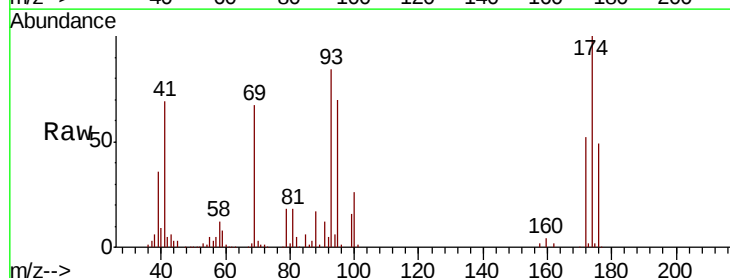
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

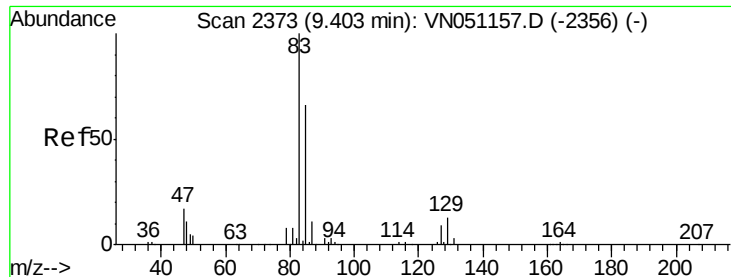
Tot Ion: 63 Resp: 344162
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1



#46
 Dibromomethane
 Concen: 45.26 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion: 93 Resp: 200264
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.8 100.2
 174 118.7 93.3 139.9

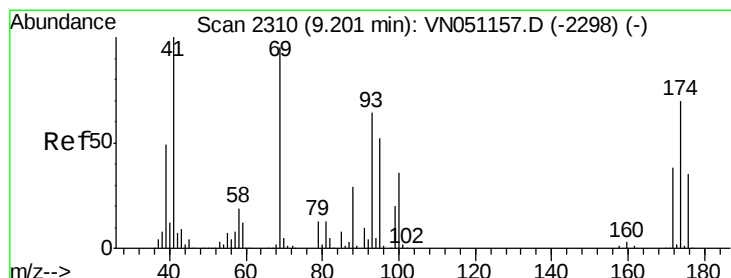
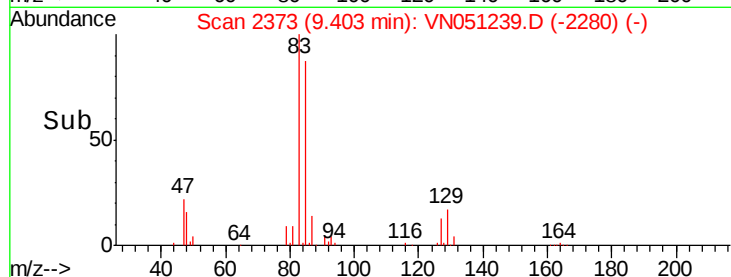
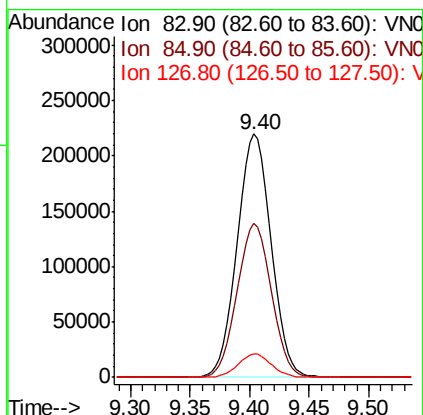
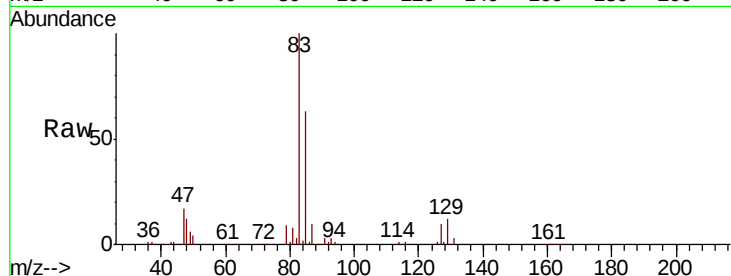




#47
Bromodichloromethane
Concen: 48.45 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

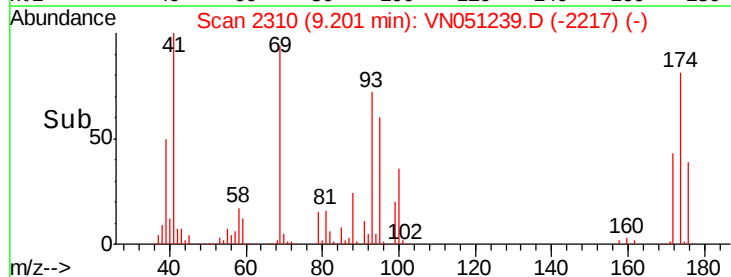
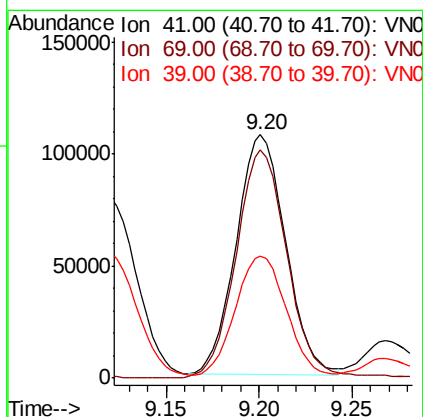
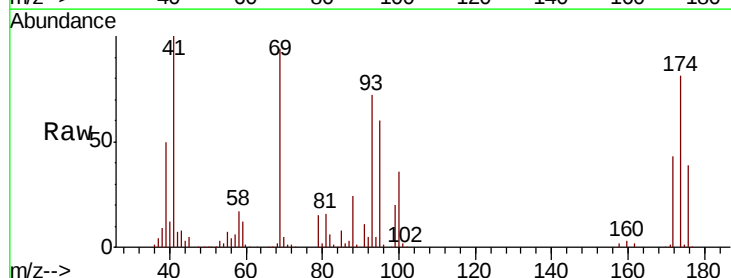
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

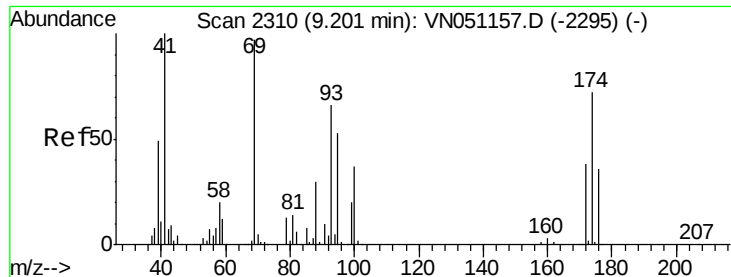
Tot Ion: 83 Resp: 435907
Ion Ratio Lower Upper
83 100
85 63.1 52.3 78.5
127 9.6 7.5 11.3



#48
Methyl methacrylate
Concen: 42.61 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Tgt Ion: 41 Resp: 197641
Ion Ratio Lower Upper
41 100
69 98.2 77.7 116.5
39 52.7 41.6 62.4





#49

1,4-Dioxane

Concen: 754.63 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

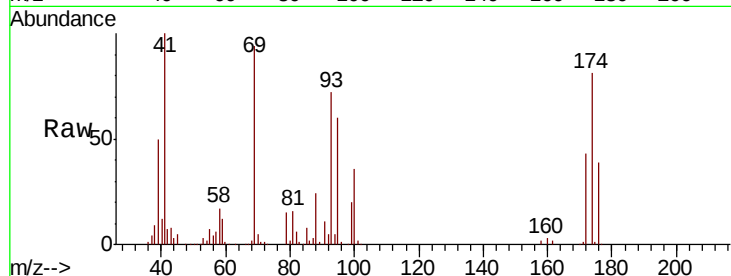
Tot Ion: 88 Resp: 54889

Ion Ratio Lower Upper

88 100

43 30.1 23.7 35.5

58 69.5 54.6 82.0

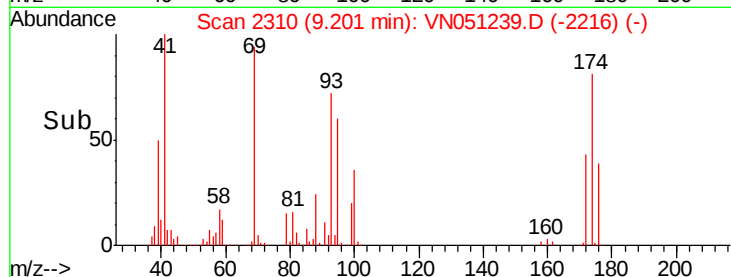


Abundance Ion 88.00 (87.70 to 88.70): VN051157.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN051157.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-2295) (-)

Time-->

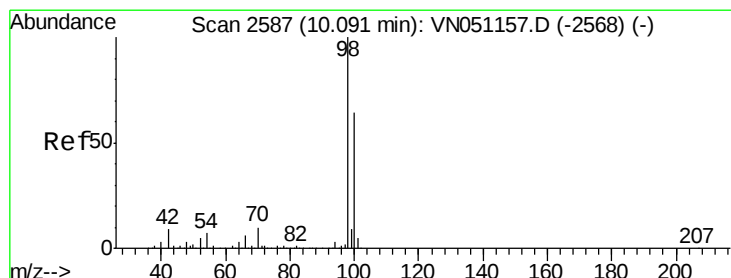


Abundance Ion 88.00 (87.70 to 88.70): VN051239.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN051239.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN051239.D (-2216) (-)

Time-->



#50

Toluene-d8

Concen: 43.72 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051239.D

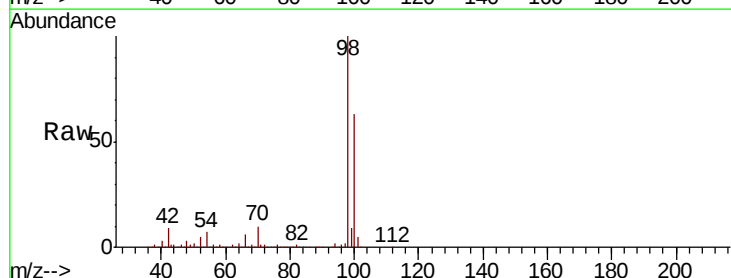
Acq: 15 Sep 2018 22:28

Tgt Ion: 98 Resp: 1057614

Ion Ratio Lower Upper

98 100

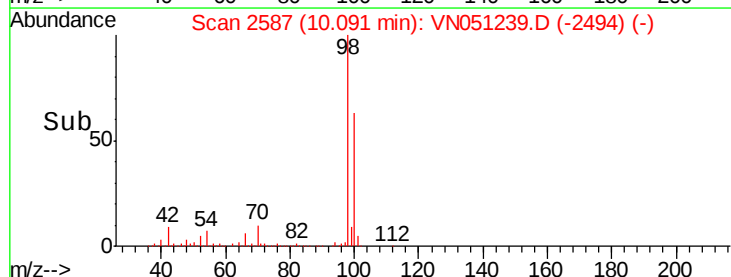
100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051157.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051157.D (-2568) (-)

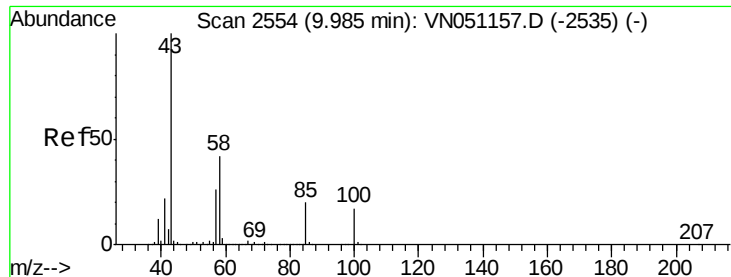
Time-->



Abundance Ion 98.00 (97.70 to 98.70): VN051239.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051239.D (-2494) (-)

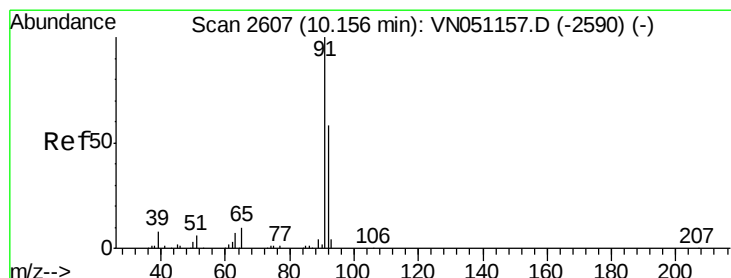
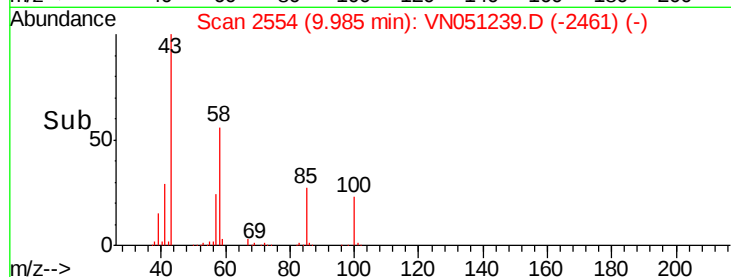
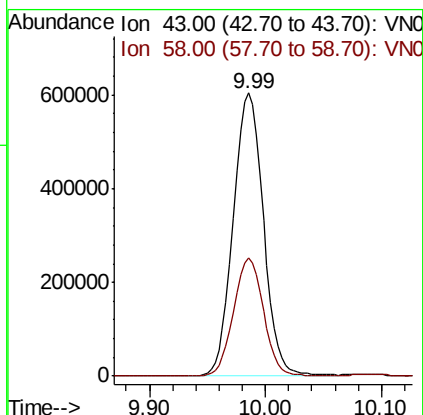
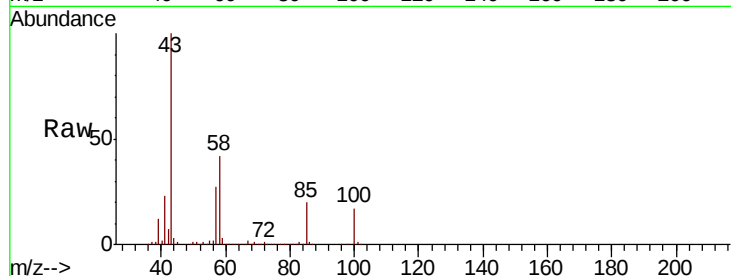
Time-->



#51
 4-Methyl-2-Pentanone
 Concen: 206.45 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

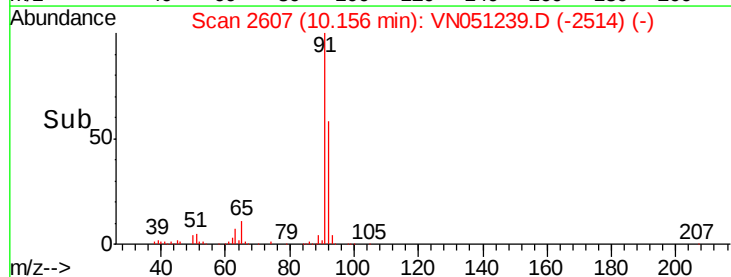
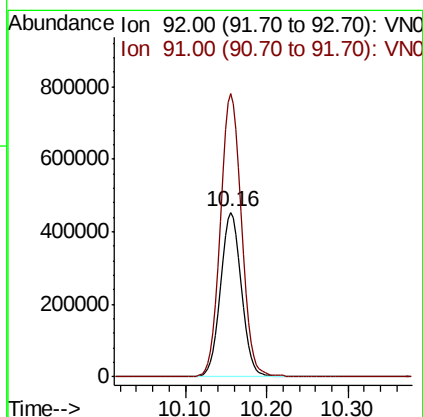
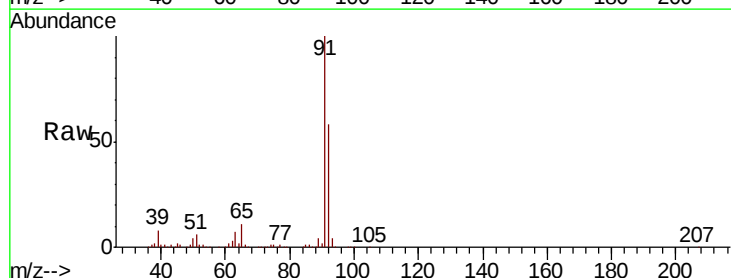
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

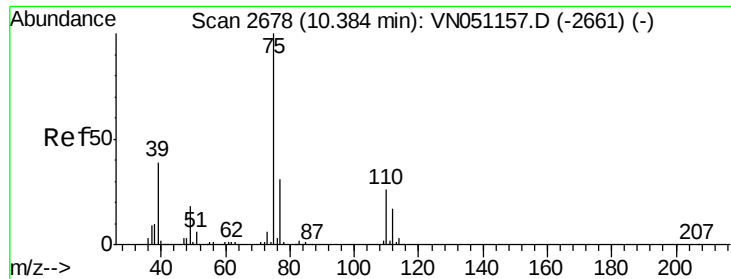
Tot Ion: 43 Resp: 1086674
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.5 50.3



#52
 Toluene
 Concen: 48.32 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion: 92 Resp: 826964
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.5 209.3

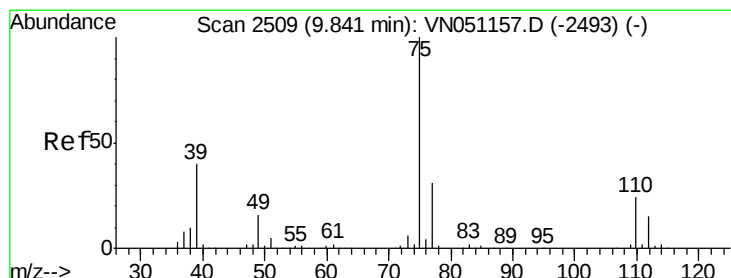
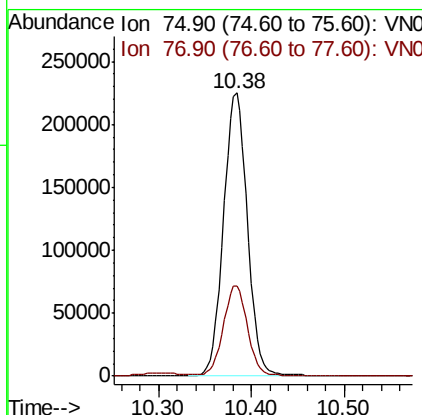
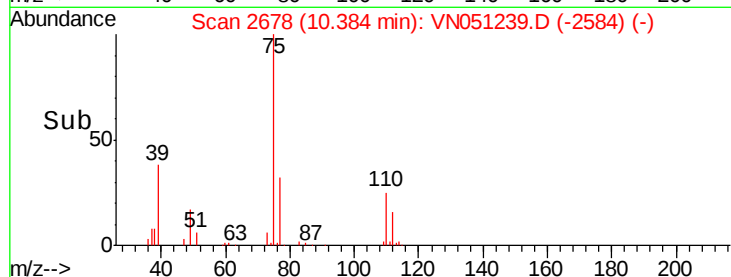
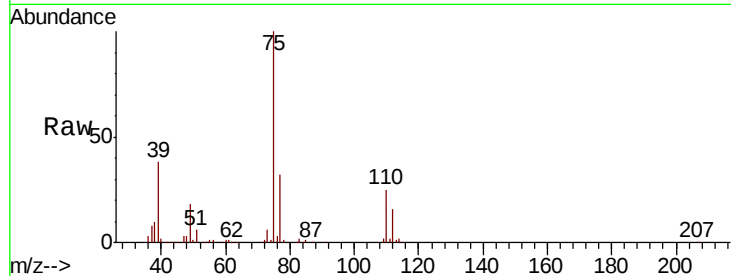




#53
t-1,3-Dichloropropene
Concen: 44.64 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

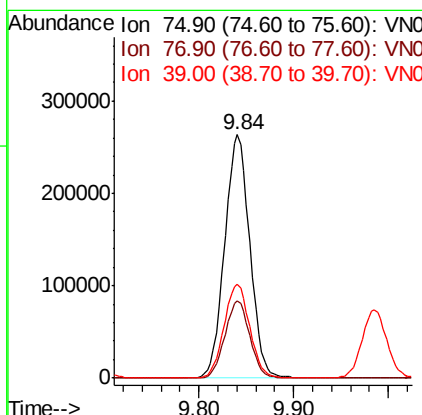
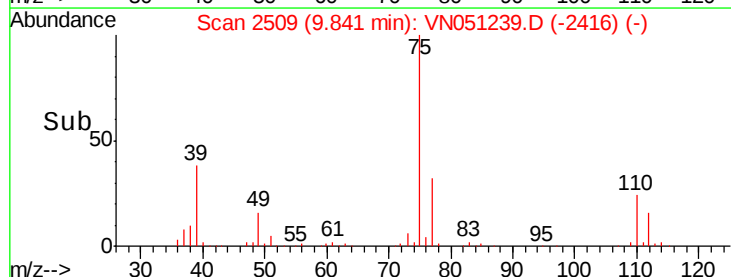
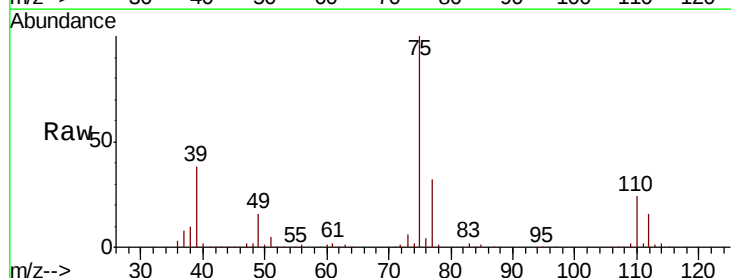
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

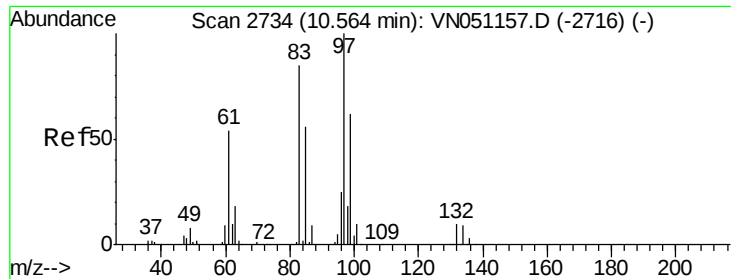
Tot Ion: 75 Resp: 401980
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 46.06 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Tgt Ion: 75 Resp: 486342
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 38.3 31.9 47.9

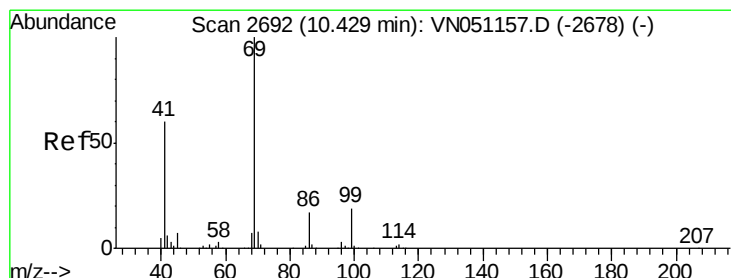
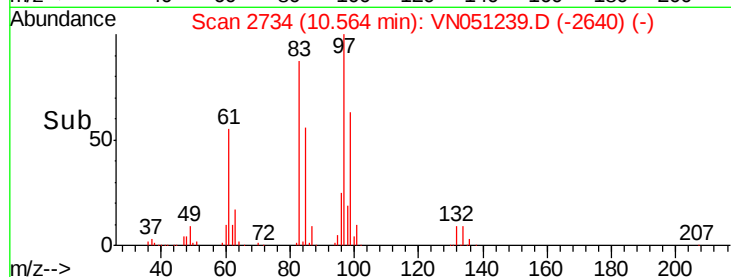
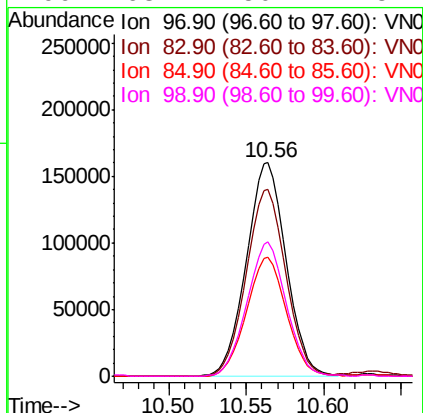
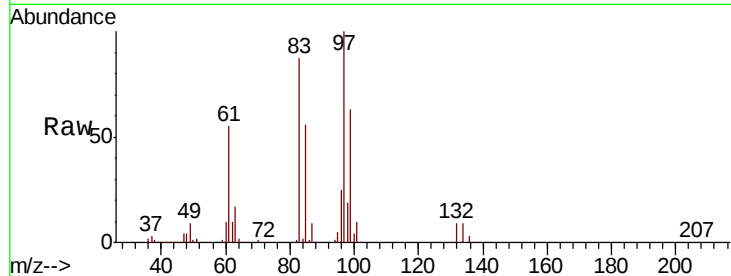




#55
 1,1,2-Trichloroethane
 Concen: 46.12 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

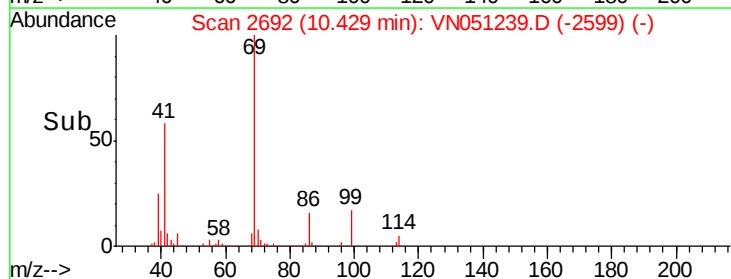
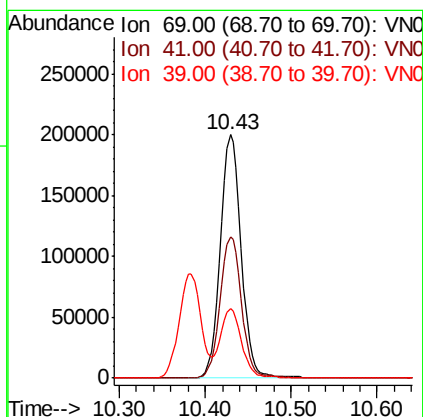
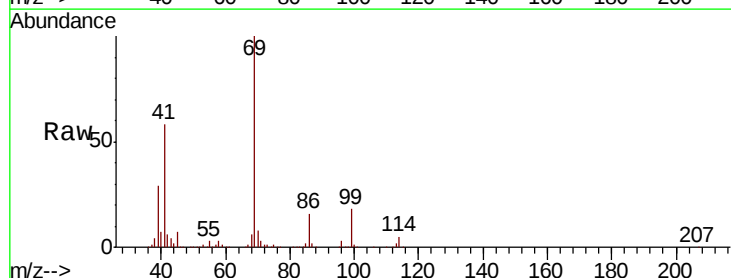
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

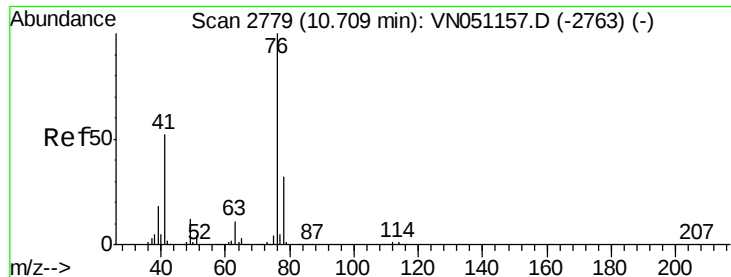
Tot Ion:	97	Resp:	286740
Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.2	102.2
85	55.7	44.8	67.2
99	63.1	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 40.95 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion:	69	Resp:	337720
Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.8	71.8
39	29.3	23.0	34.4





#57

1,3-Dichloropropane

Concen: 46.20 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

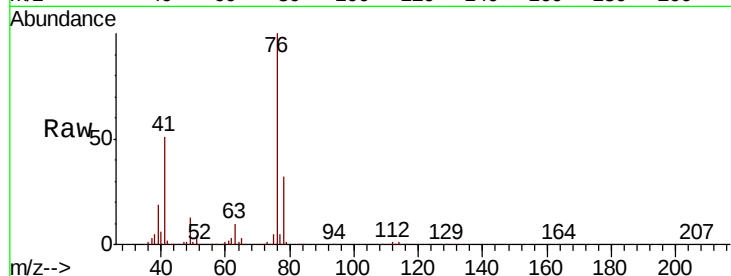
VSTDCCC050

Tot Ion: 76 Resp: 476139

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN051157.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN051157.D (-2763) (-)

10.71

250000

200000

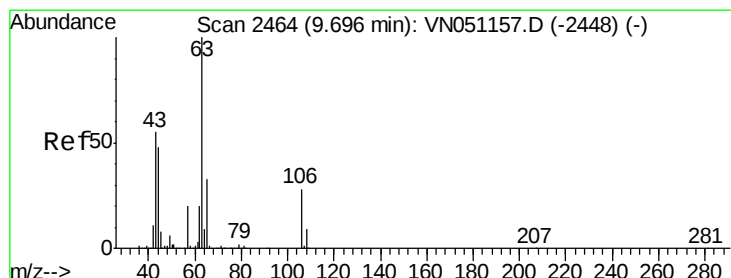
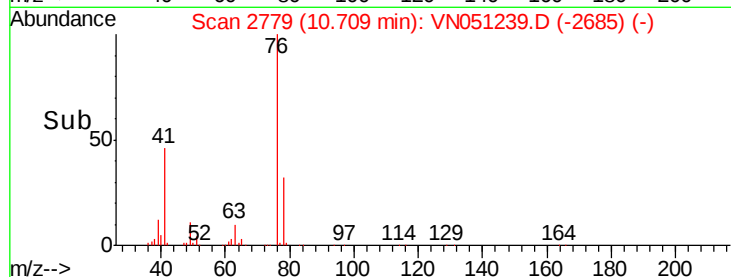
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 191.22 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051239.D

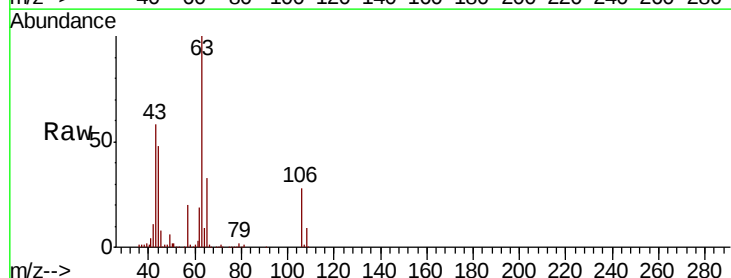
Acq: 15 Sep 2018 22:28

Tgt Ion: 63 Resp: 657261

Ion Ratio Lower Upper

63 100

106 27.8 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VN051157.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN051157.D (-2448) (-)

9.70

400000

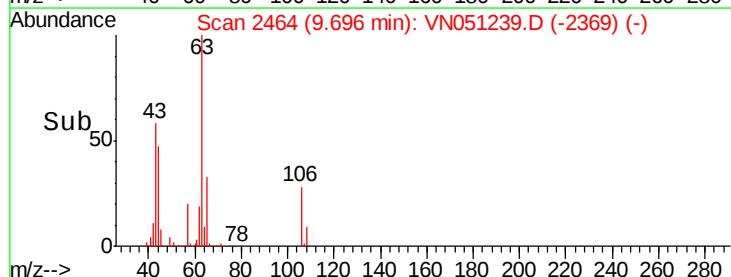
300000

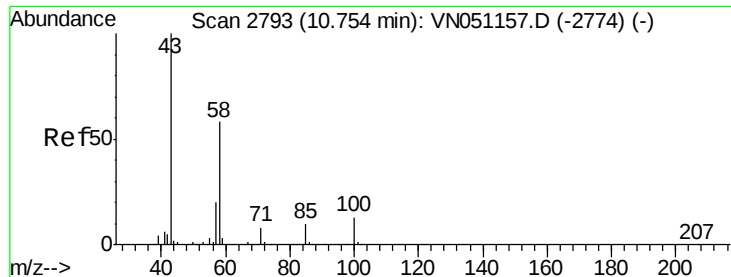
200000

100000

0

Time-->

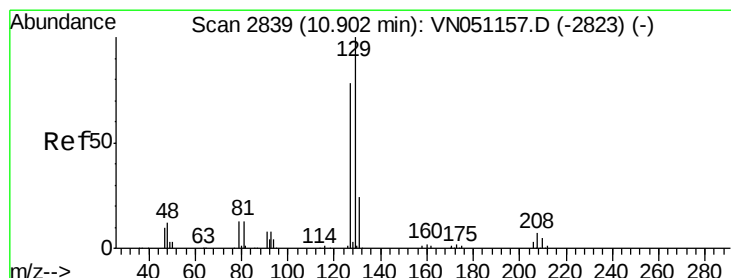
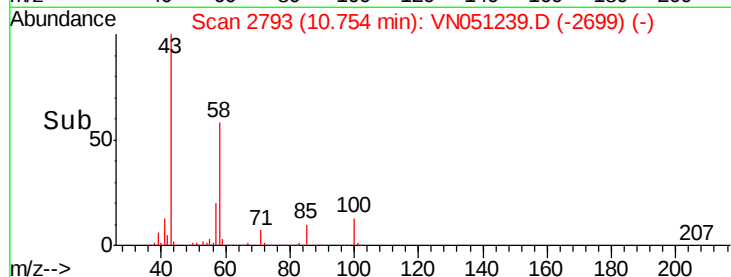
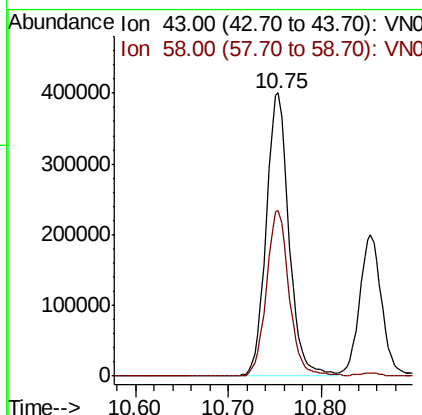
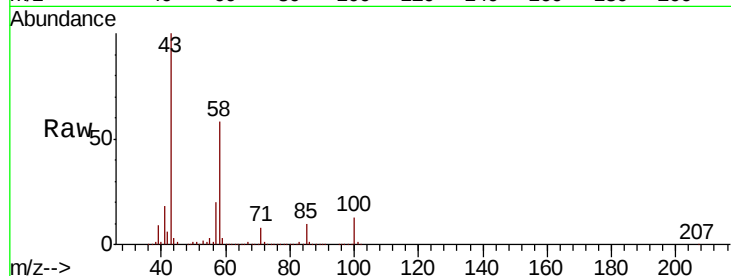




#59
2-Hexanone
Concen: 192.48 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

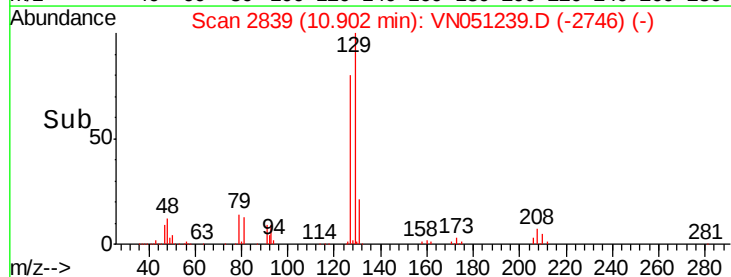
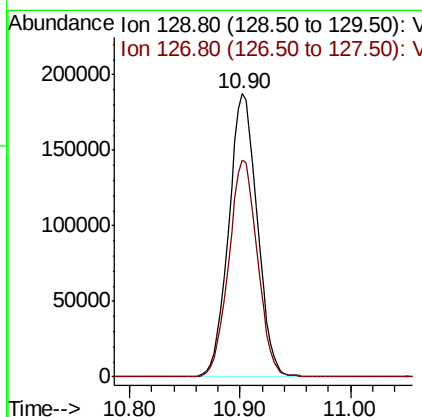
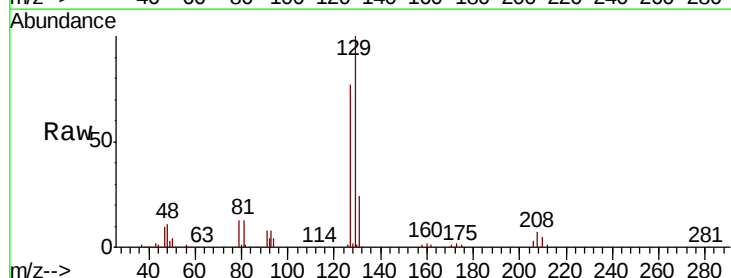
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

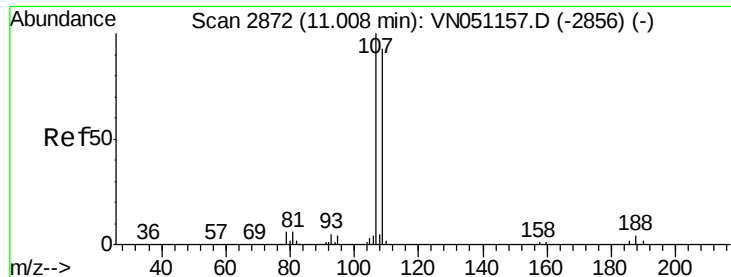
Tot Ion: 43 Resp: 687094
Ion Ratio Lower Upper
43 100
58 58.6 29.3 88.0



#60
Dibromochloromethane
Concen: 48.08 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Tgt Ion: 129 Resp: 336916
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

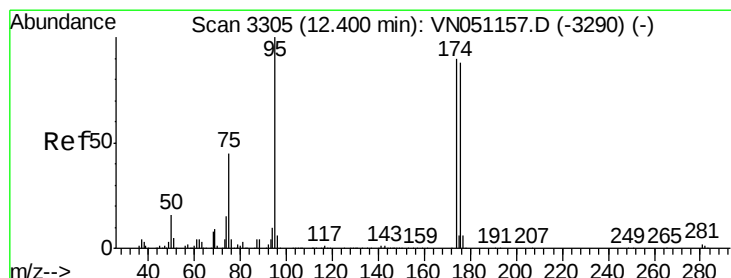
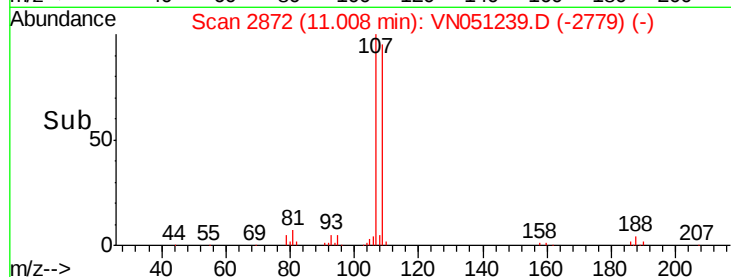
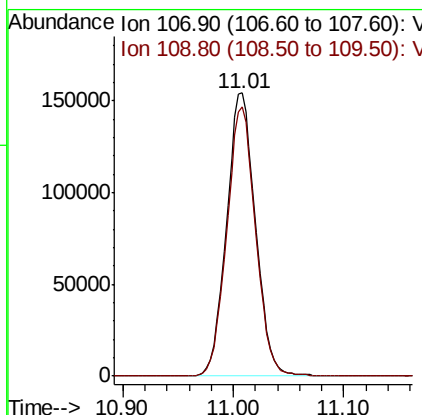
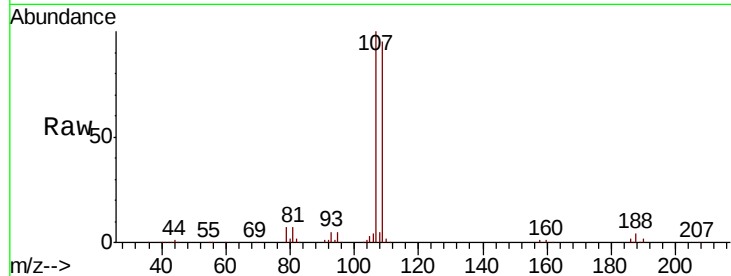




#61
 1,2-Dibromoethane
 Concen: 46.03 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

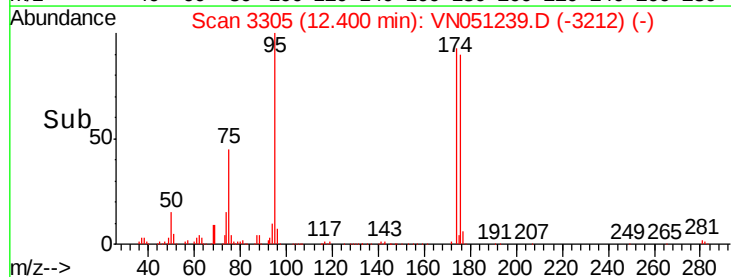
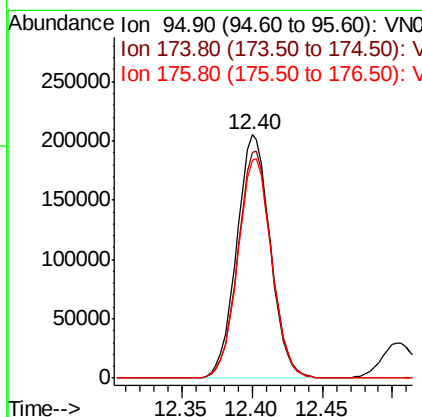
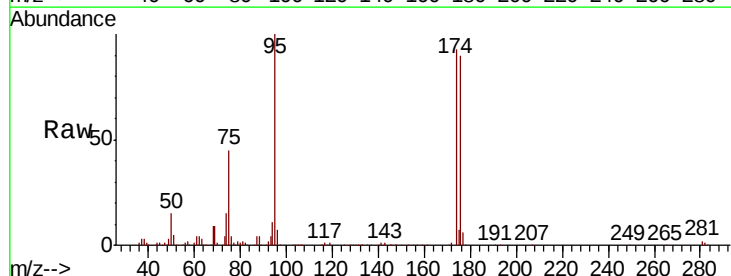
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

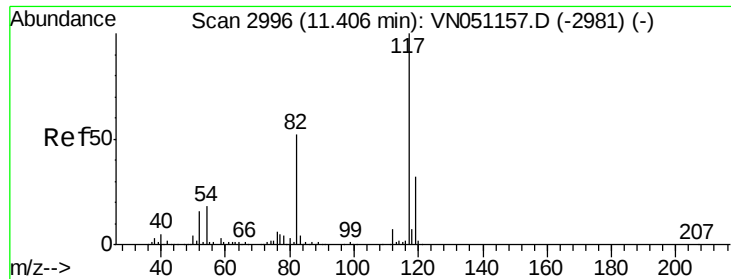
Tot Ion:107 Resp: 279718
 Ion Ratio Lower Upper
 107 100
 109 95.2 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 42.71 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion: 95 Resp: 341737
 Ion Ratio Lower Upper
 95 100
 174 93.4 0.0 184.8
 176 90.7 0.0 178.6

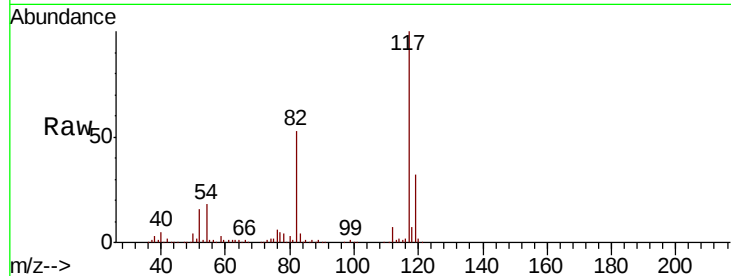




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.8	62.6
119	31.9	26.2	39.2

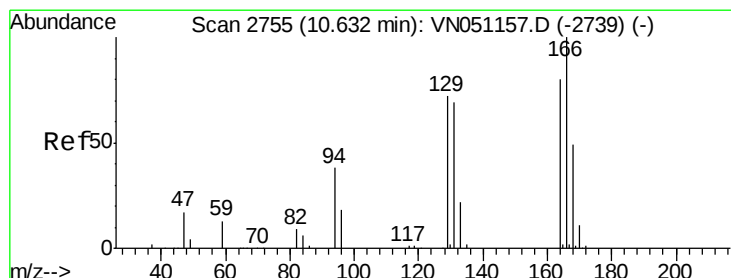
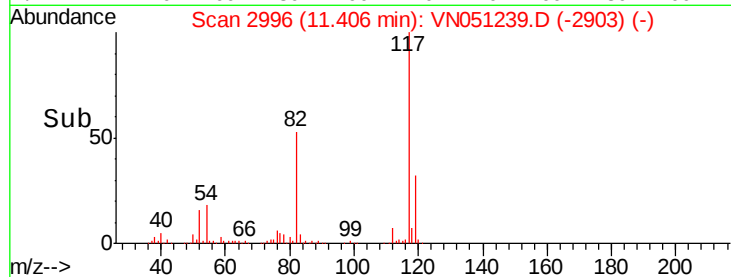
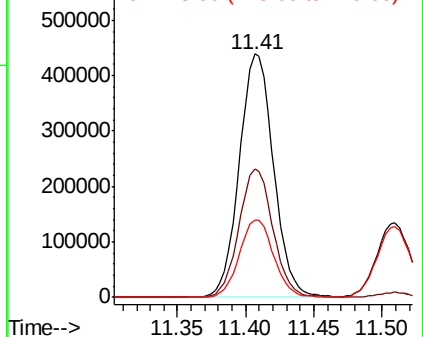


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 47.94 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.3	151.9
129	89.2	72.2	108.2
131	84.6	70.2	105.2

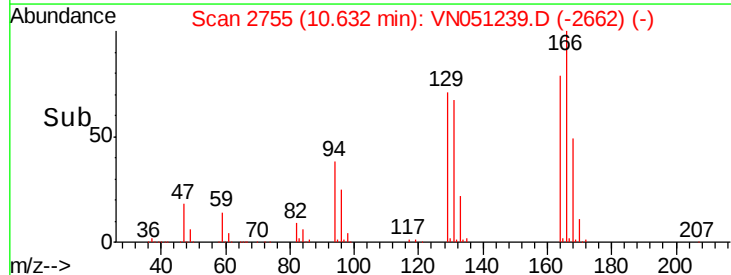
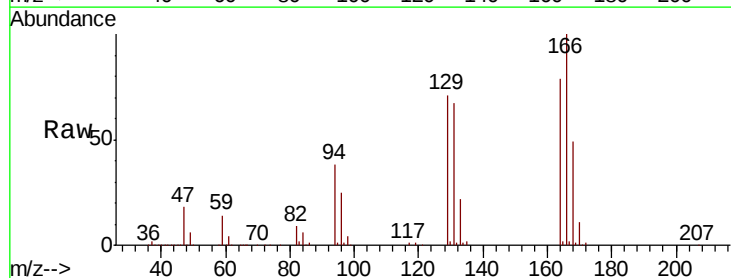
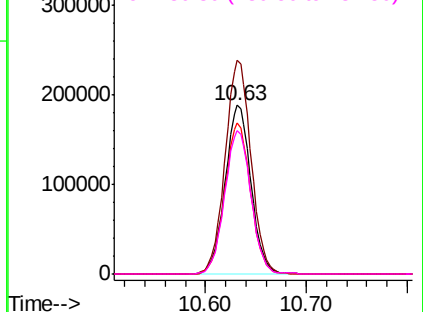
Abundance

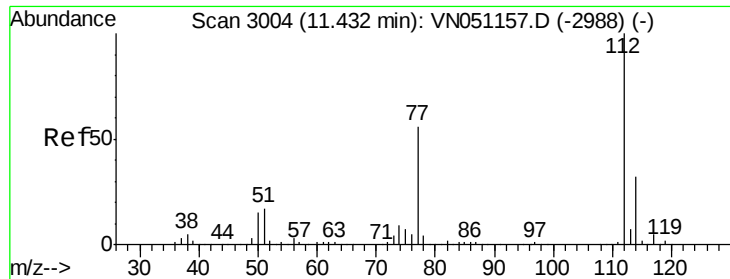
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

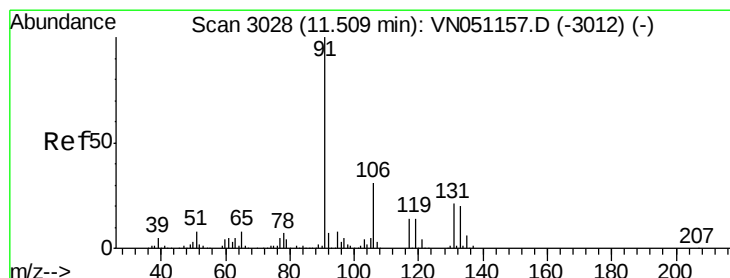
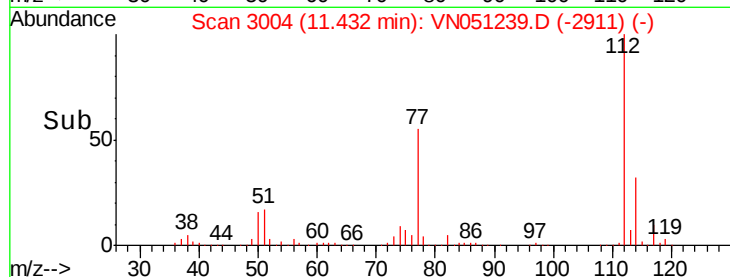
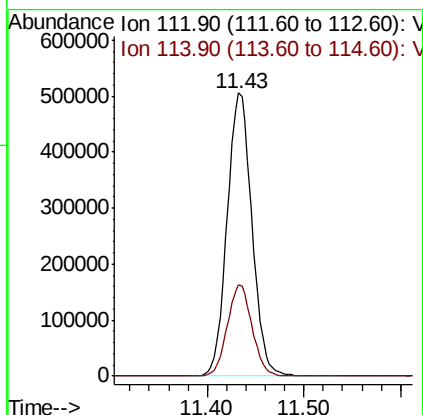
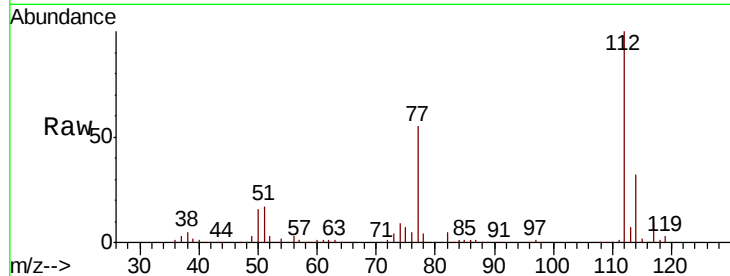




#65
Chlorobenzene
Concen: 46.55 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

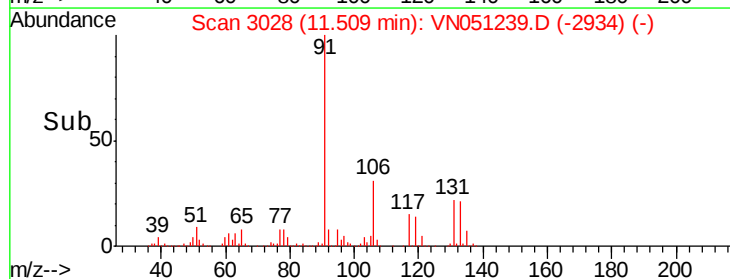
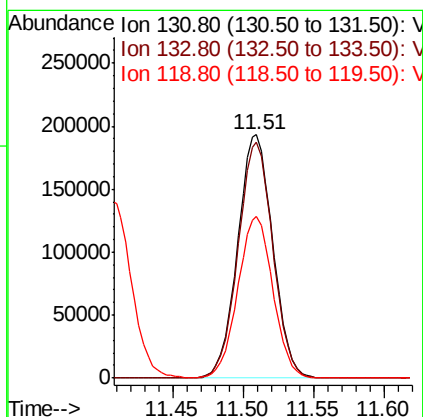
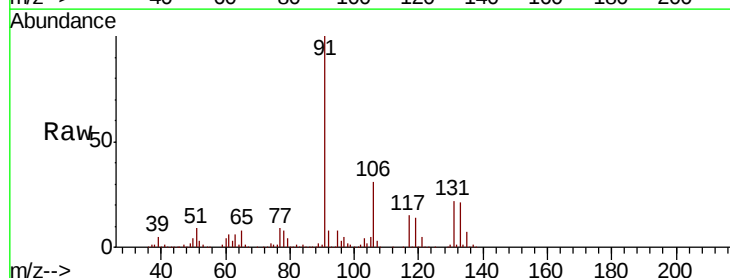
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

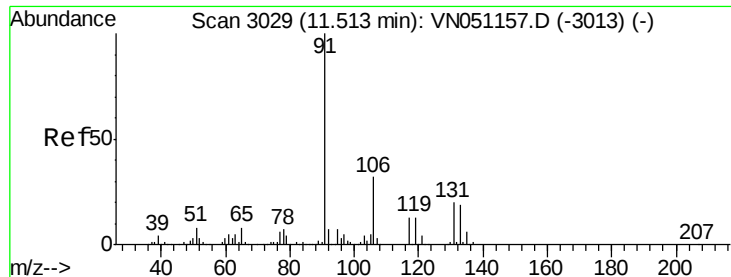
Tot Ion:112 Resp: 898935
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.46 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Tgt Ion:131 Resp: 336910
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 66.4 33.2 99.6





#67

Ethyl Benzene

Concen: 48.24 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampled :

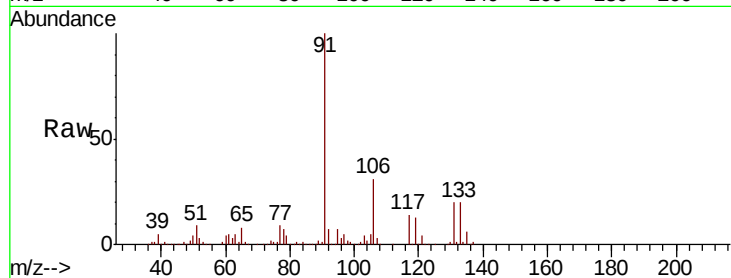
VSTDCCC050

Tot Ion: 91 Resp: 1508577

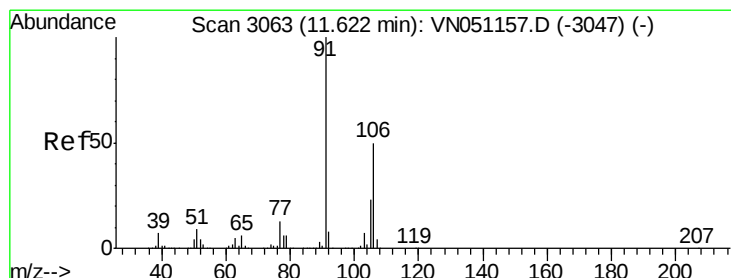
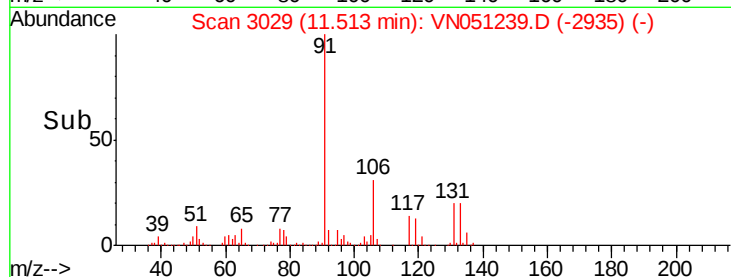
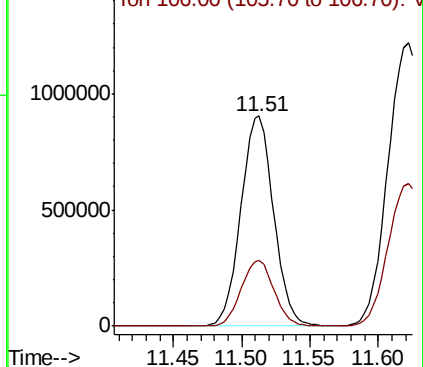
Ion Ratio Lower Upper

91 100

106 31.5 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VN051157.D (-3013) (-)



#68

m/p-Xylenes

Concen: 99.02 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN051239.D

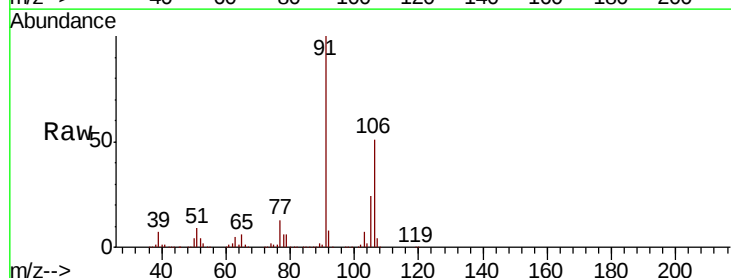
Acq: 15 Sep 2018 22:28

Tgt Ion: 106 Resp: 1189894

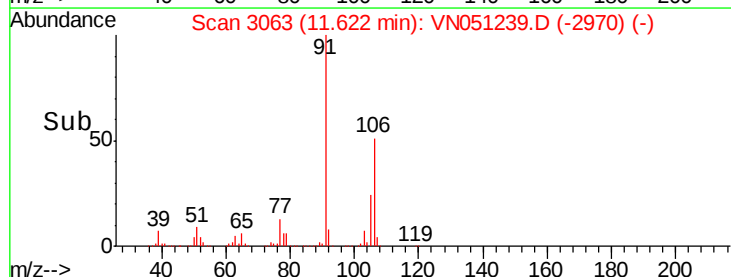
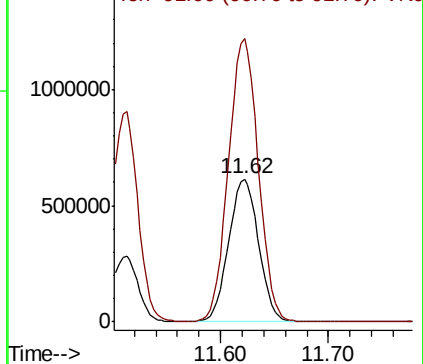
Ion Ratio Lower Upper

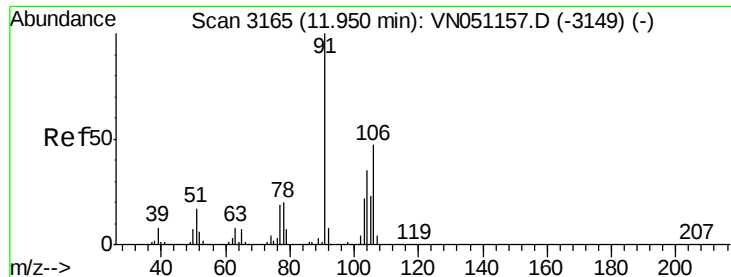
106 100

91 198.1 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): VN051157.D (-3047) (-)

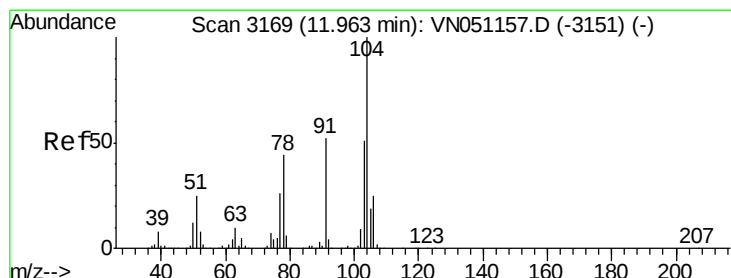
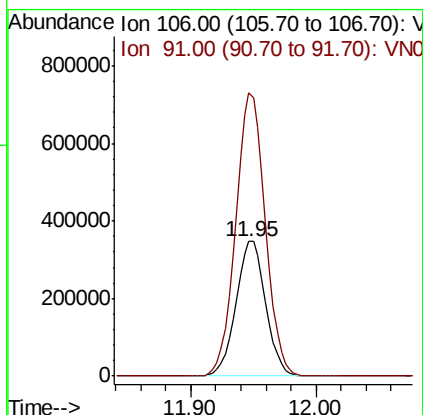
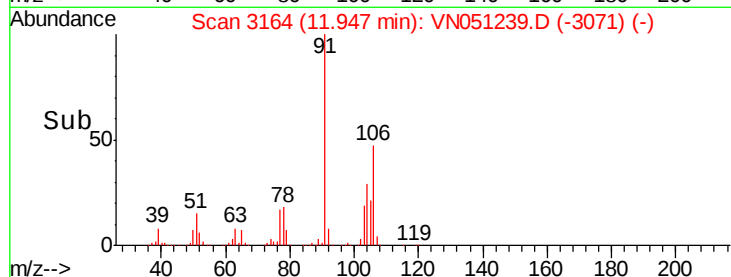
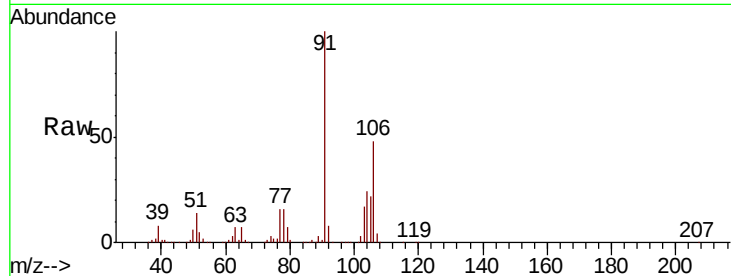




#69
o-Xylene
Concen: 48.68 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

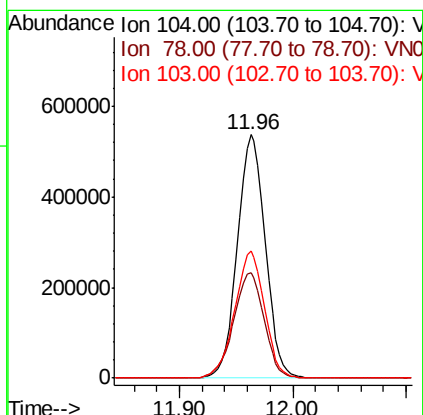
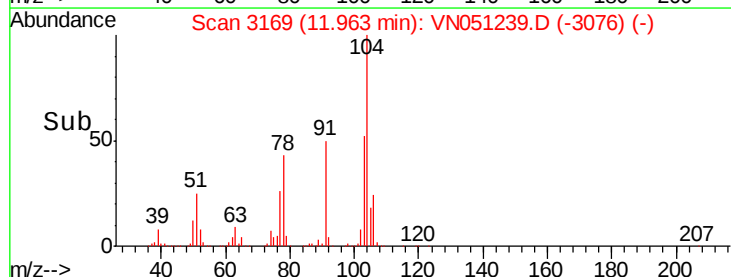
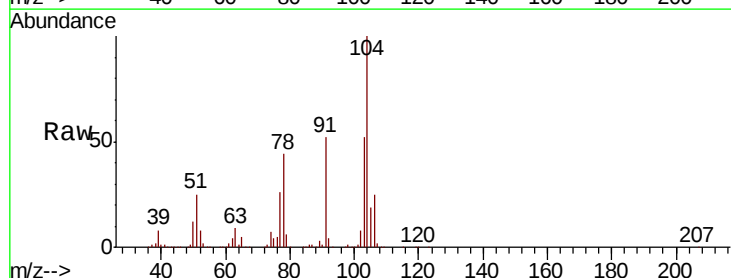
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

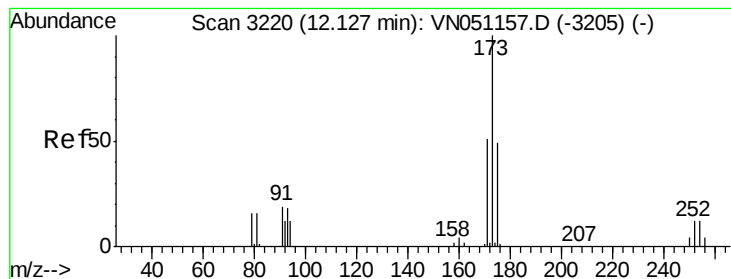
Tot Ion:106 Resp: 566398
Ion Ratio Lower Upper
106 100
91 210.2 105.1 315.1



#70
Styrene
Concen: 51.23 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051239.D
Acq: 15 Sep 2018 22:28

Tgt Ion:104 Resp: 924678
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 55.5 44.6 67.0





#71

Bromoform

Concen: 46.00 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

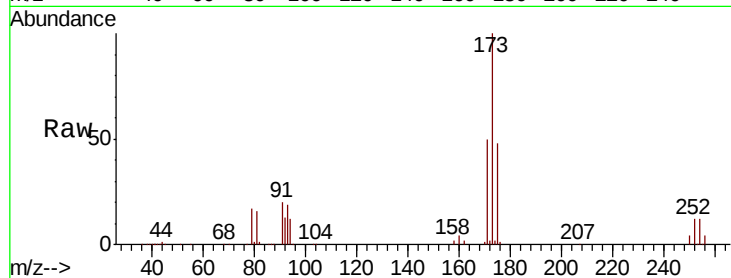
Tot Ion:173 Resp: 225181

Ion Ratio Lower Upper

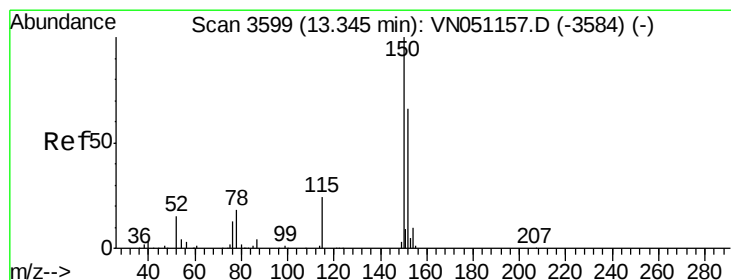
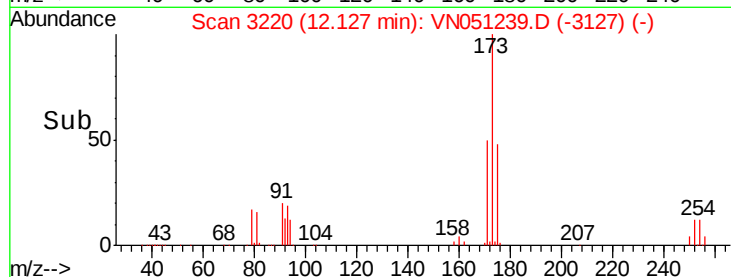
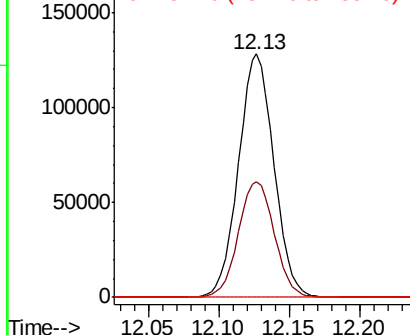
173 100

175 48.6 24.3 72.9

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

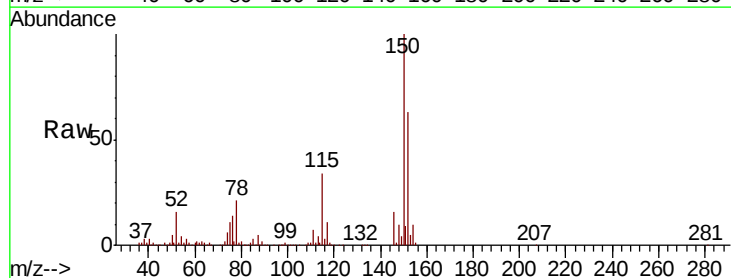
Tgt Ion:152 Resp: 386544

Ion Ratio Lower Upper

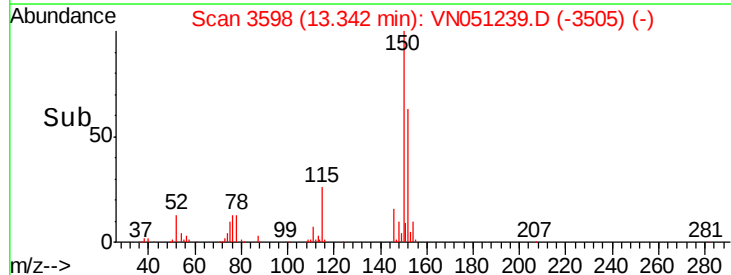
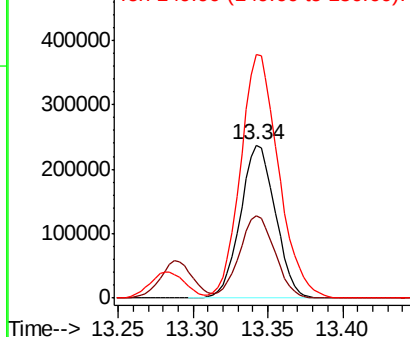
152 100

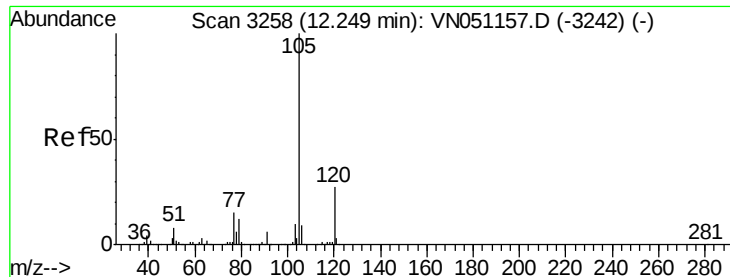
115 54.6 28.2 84.7

150 173.2 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.95 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampled :

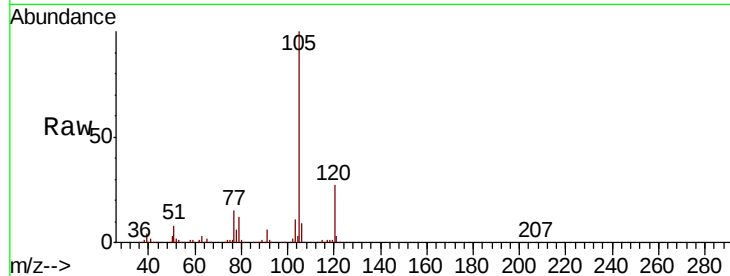
VSTDCCC050

Tot Ion:105 Resp: 1489579

Ion Ratio Lower Upper

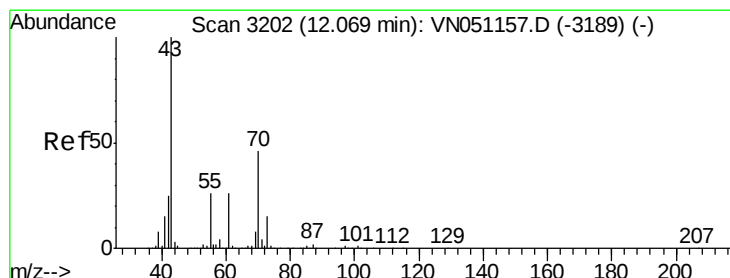
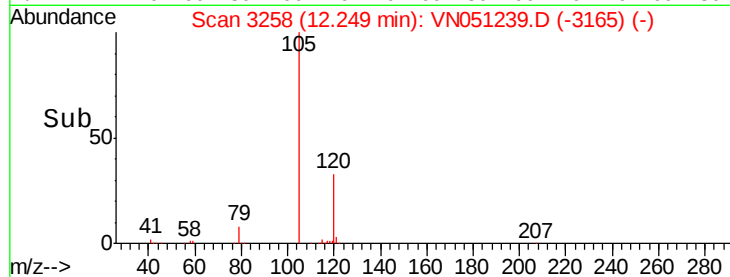
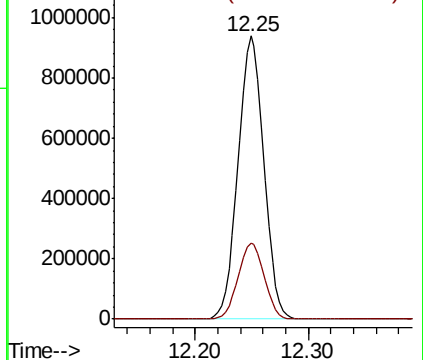
105 100

120 27.3 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 38.92 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Tgt Ion: 43 Resp: 317546

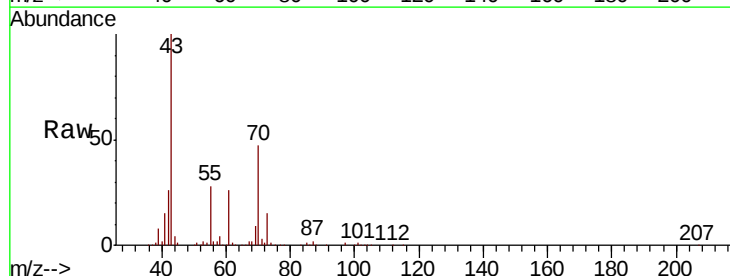
Ion Ratio Lower Upper

43 100

70 46.9 37.0 55.4

55 28.3 21.3 31.9

61 26.0 20.7 31.1

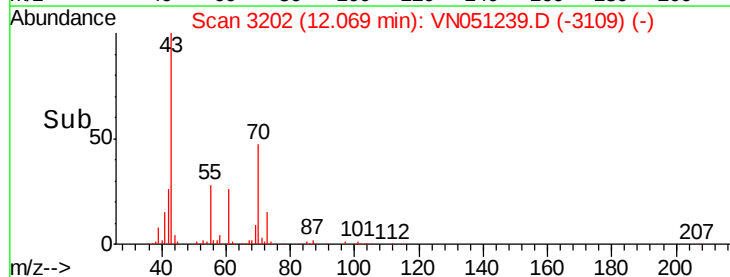
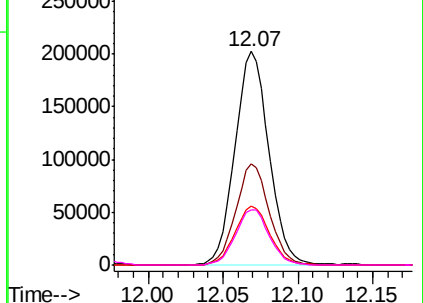


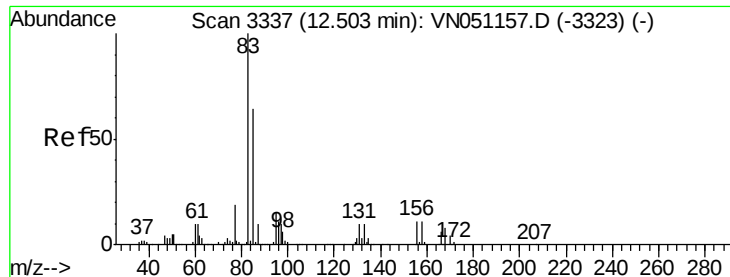
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 44.69 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

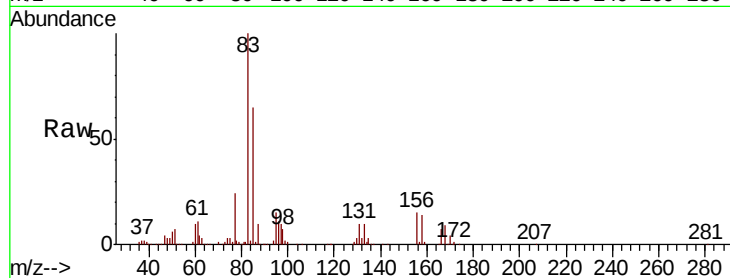
Tot Ion: 83 Resp: 333617

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

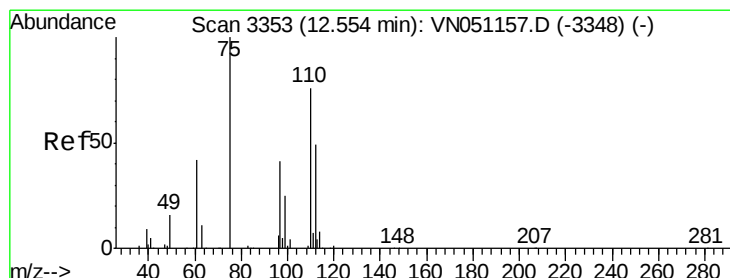
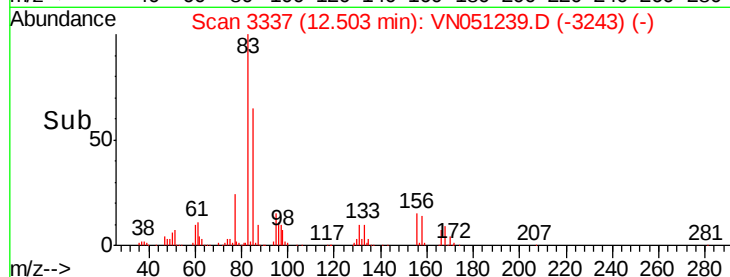
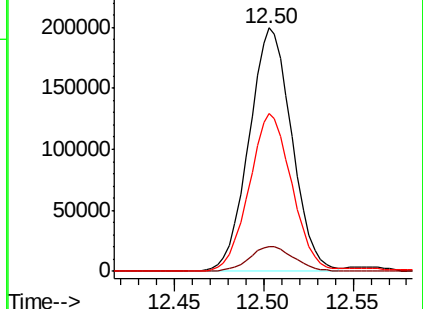
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN051157.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN051157.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN051157.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 64.30 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051239.D

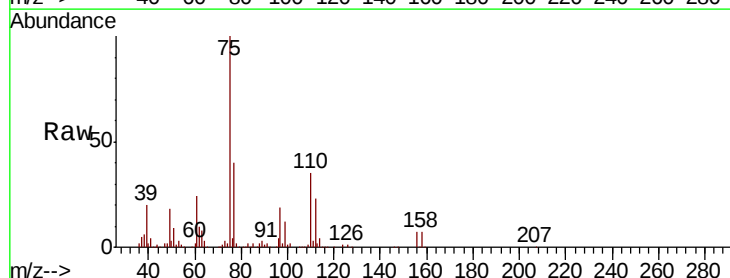
Acq: 15 Sep 2018 22:28

Tgt Ion: 75 Resp: 382786

Ion Ratio Lower Upper

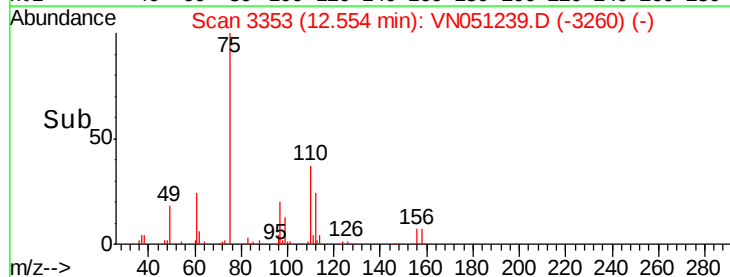
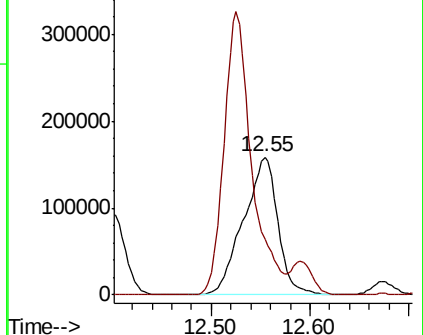
75 100

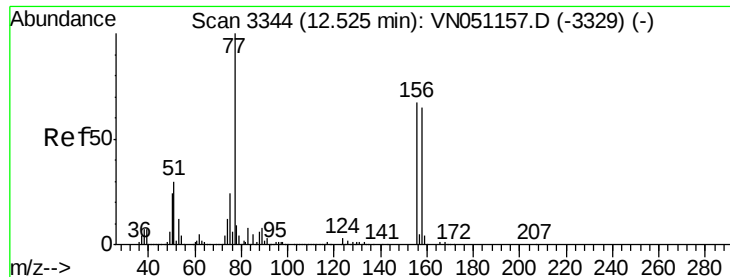
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051157.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN051157.D (-3348) (-)





#77

Bromobenzene

Concen: 44.27 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

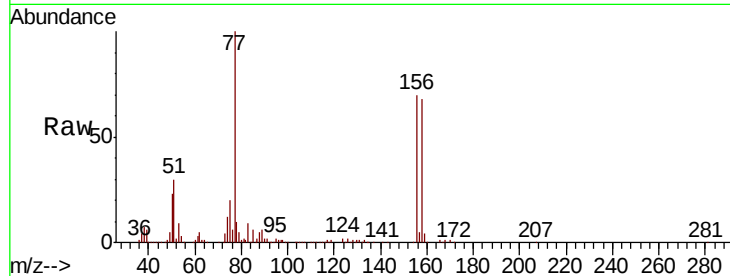
Tot Ion:156 Resp: 385412

Ion Ratio Lower Upper

156 100

77 166.0 87.5 262.6

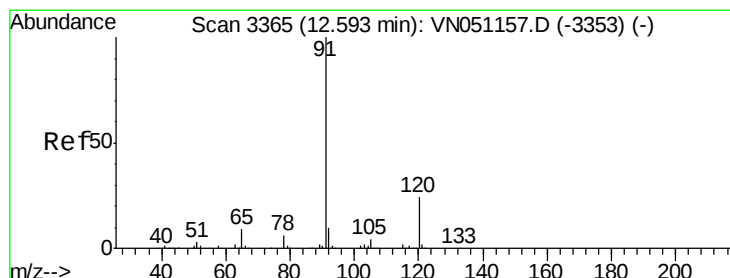
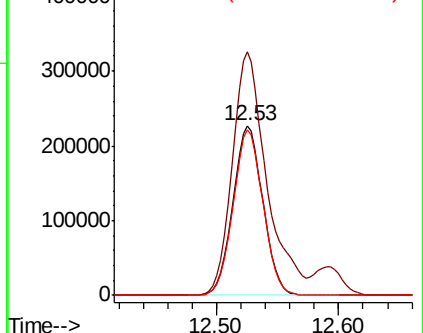
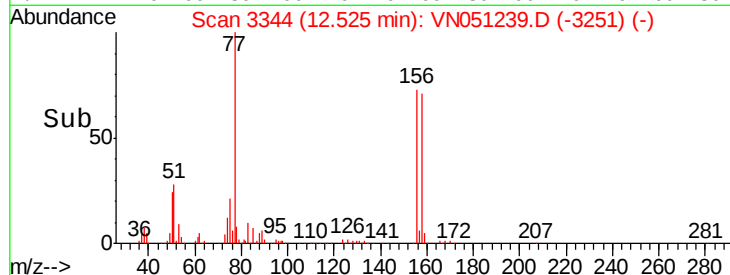
158 97.4 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.17 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051239.D

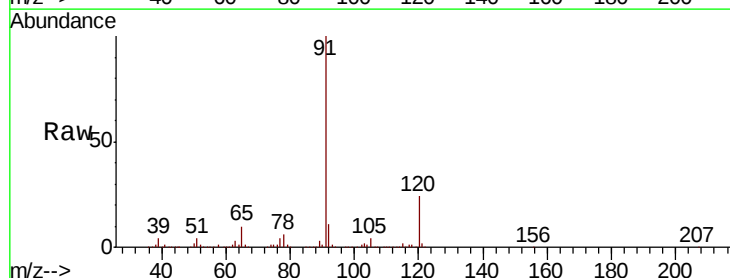
Acq: 15 Sep 2018 22:28

Tgt Ion: 91 Resp: 1645251

Ion Ratio Lower Upper

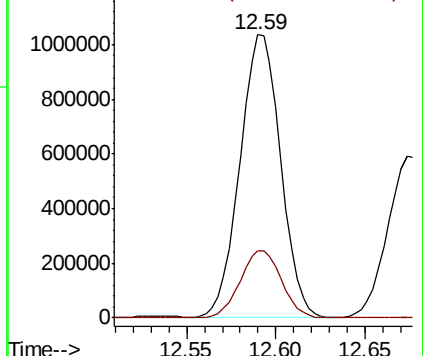
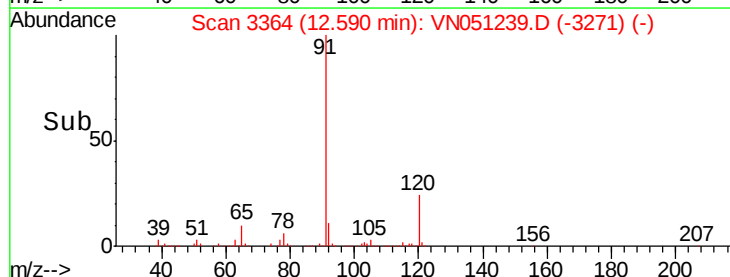
91 100

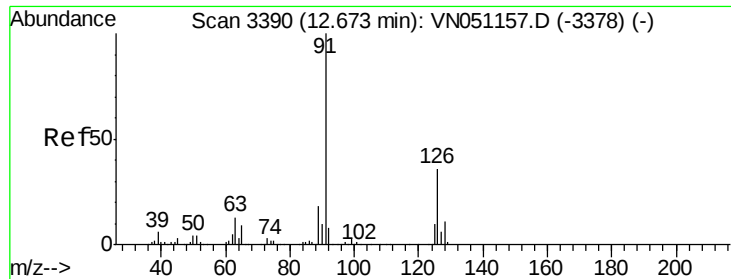
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.46 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

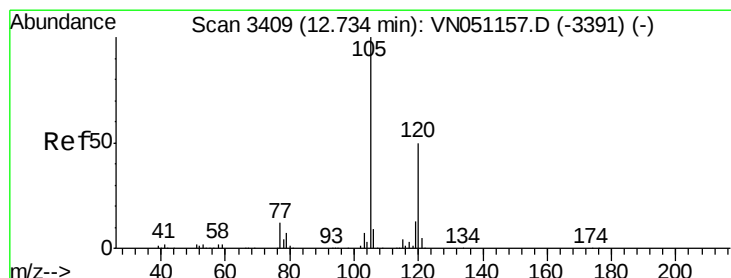
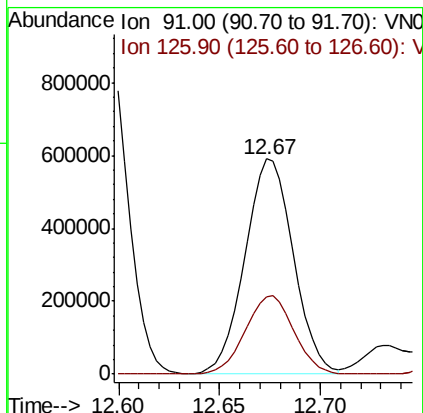
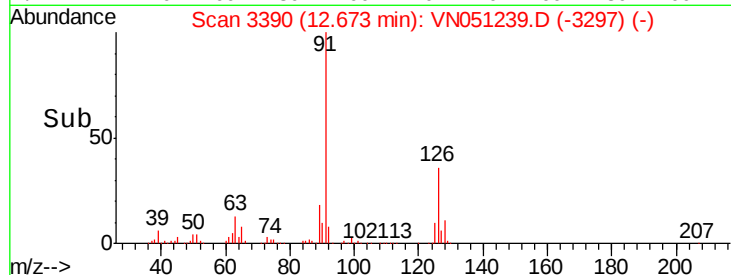
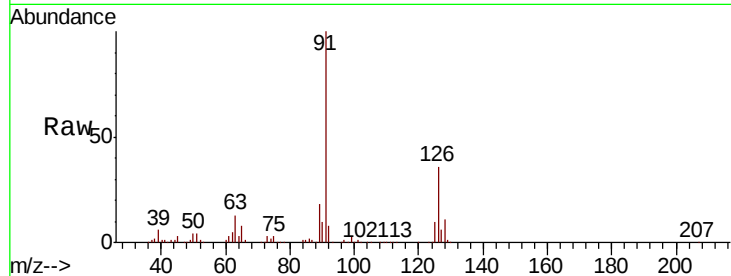
VSTDCCC050

Tot Ion: 91 Resp: 990075

Ion Ratio Lower Upper

91 100

126 36.7 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 47.24 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051239.D

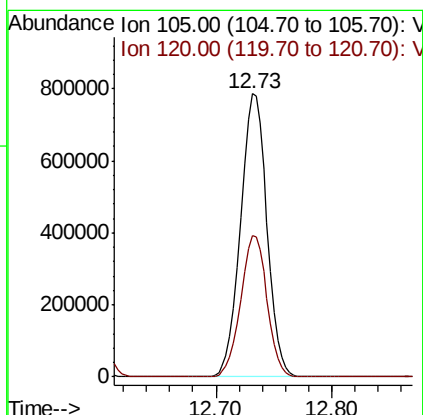
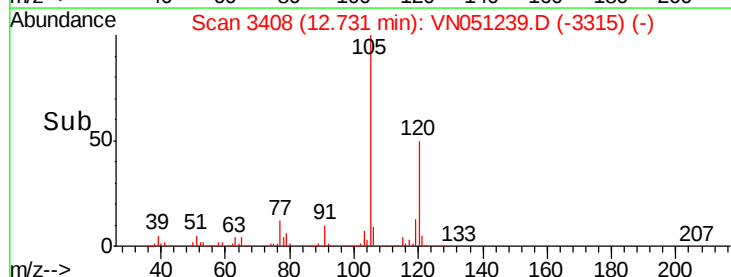
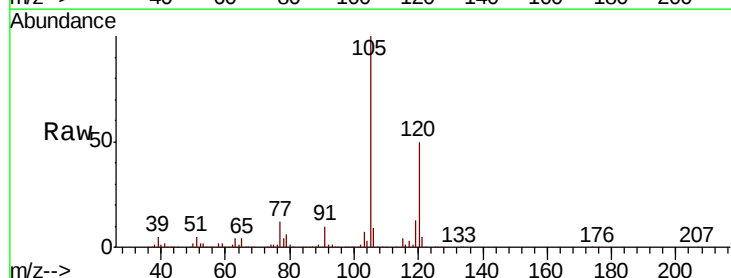
Acq: 15 Sep 2018 22:28

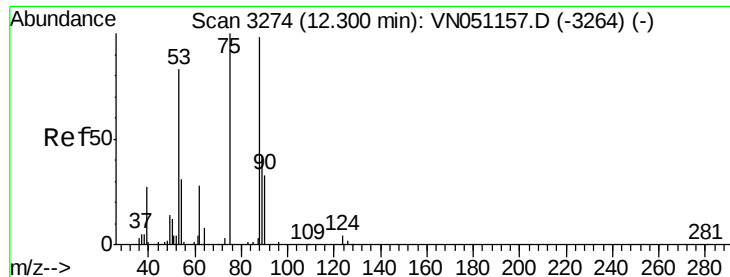
Tgt Ion:105 Resp: 1238048

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 36.78 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

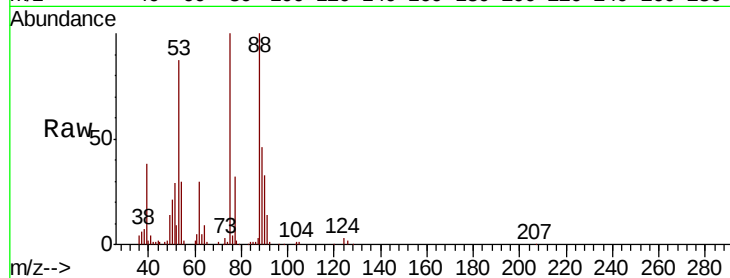
Tot Ion: 75 Resp: 74863

Ion Ratio Lower Upper

75 100

53 83.9 67.8 101.8

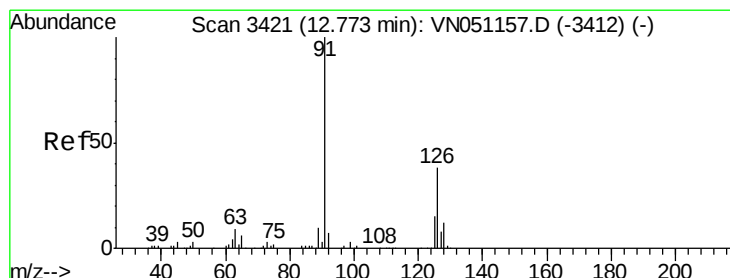
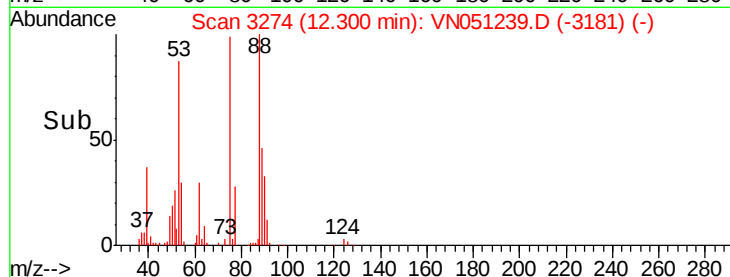
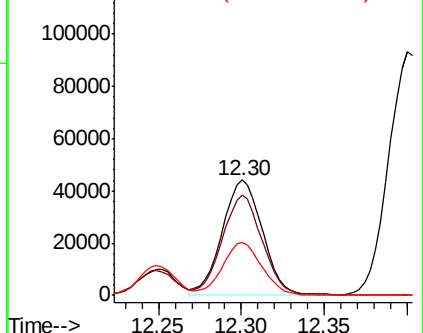
89 44.8 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 44.47 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051239.D

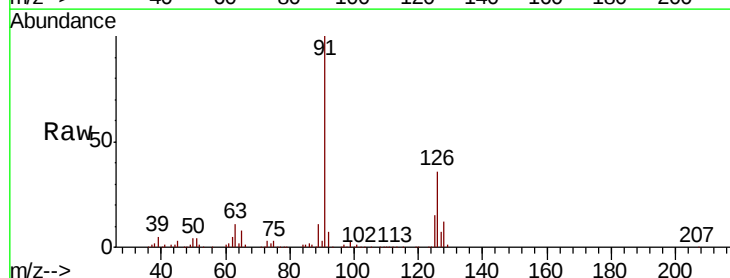
Acq: 15 Sep 2018 22:28

Tgt Ion: 91 Resp: 983180

Ion Ratio Lower Upper

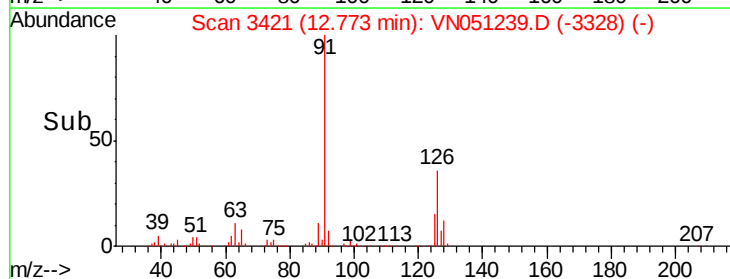
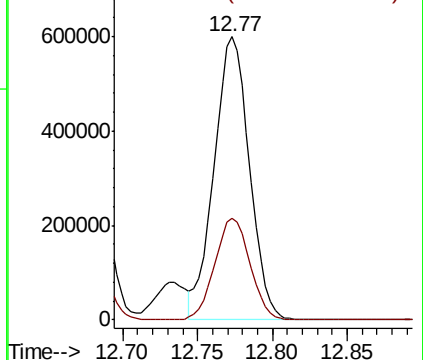
91 100

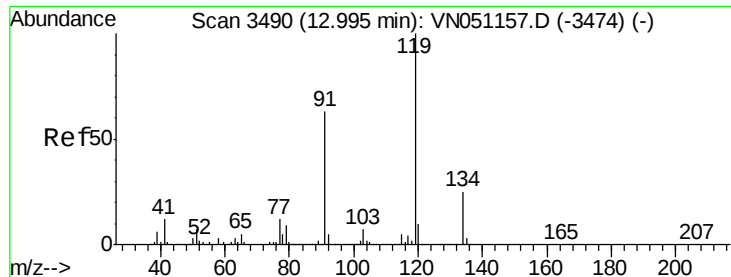
126 36.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

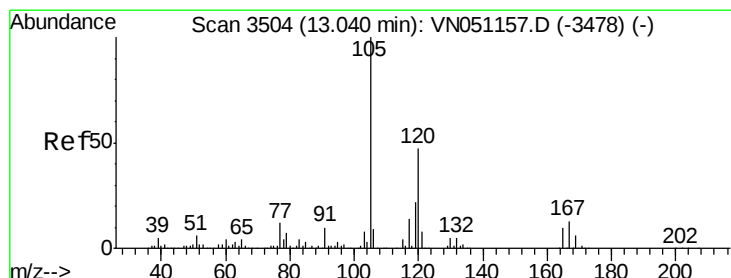
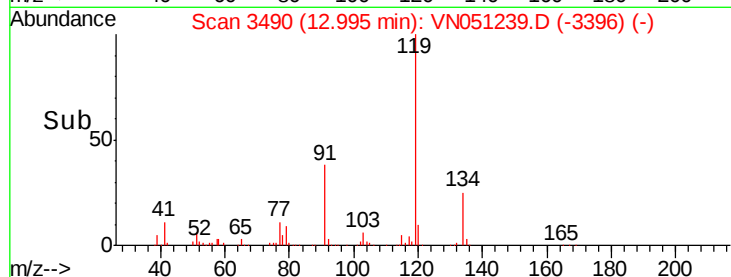
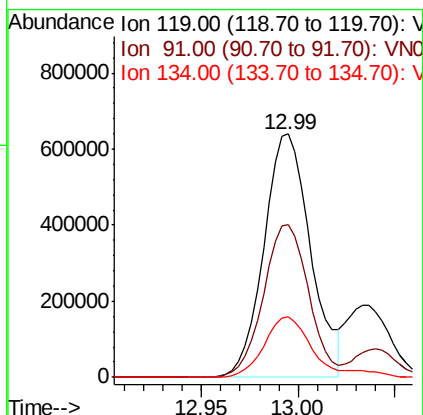
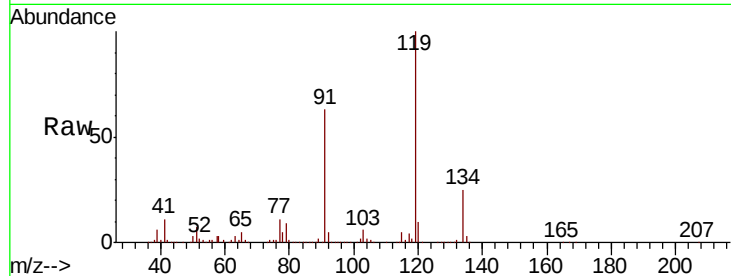




#83
 tert-Butylbenzene
 Concen: 46.41 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

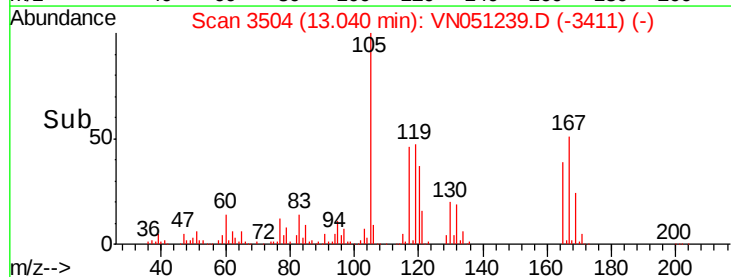
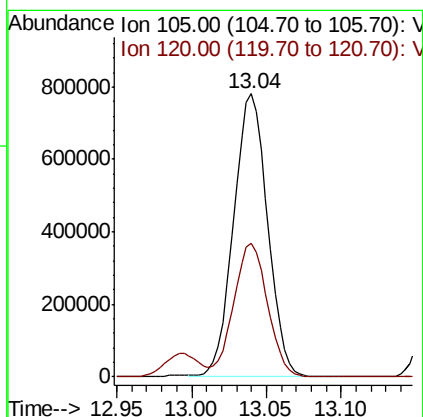
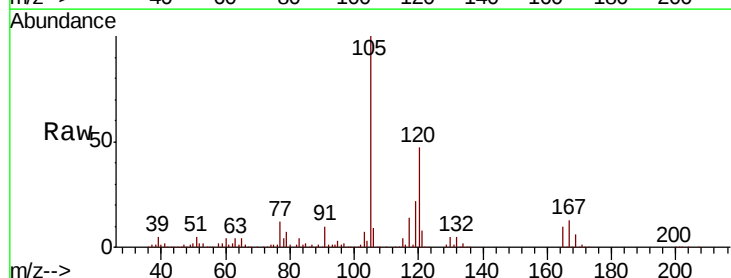
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

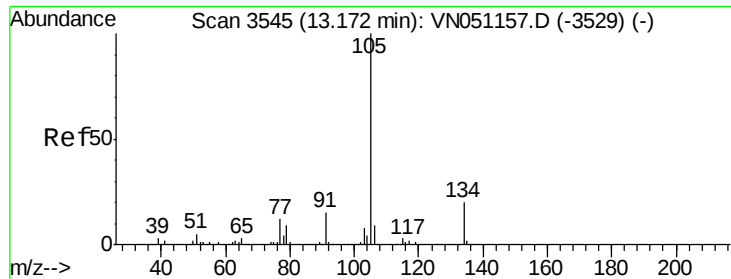
Tot Ion:119 Resp: 1073784
 Ion Ratio Lower Upper
 119 100
 91 60.6 30.8 92.3
 134 26.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 47.82 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion:105 Resp: 1232343
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.3 69.8

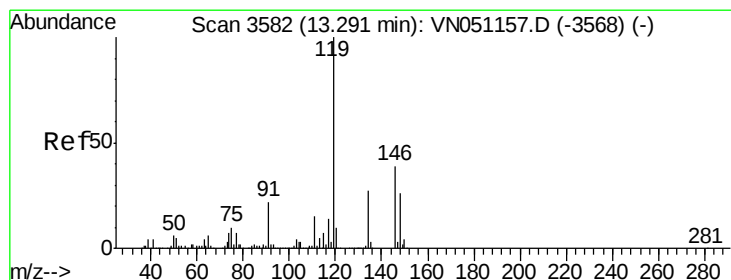
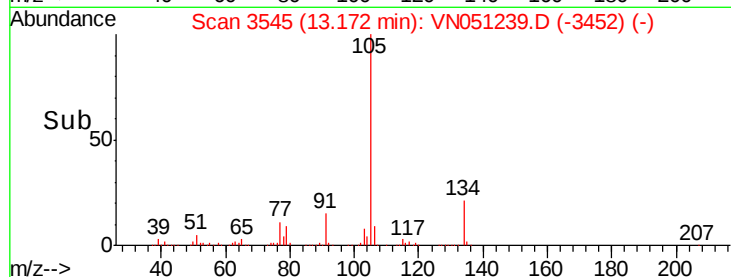
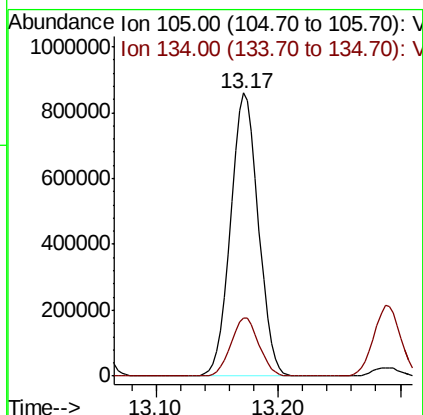
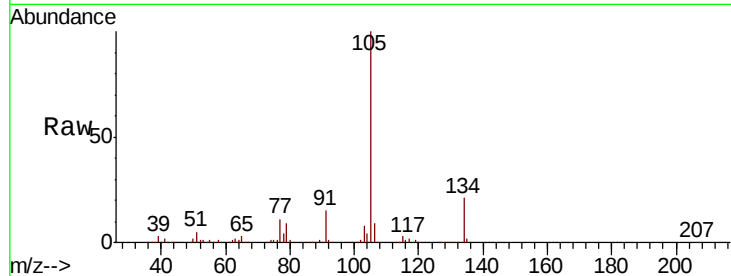




#85
 sec-Butylbenzene
 Concen: 45.84 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

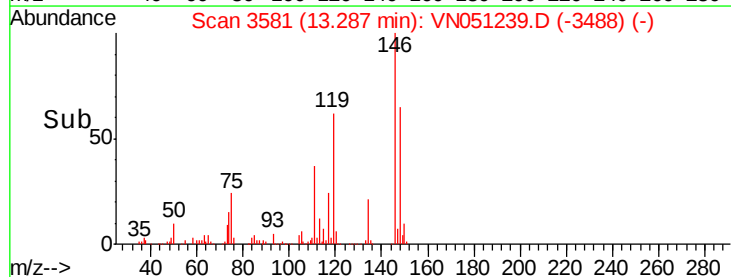
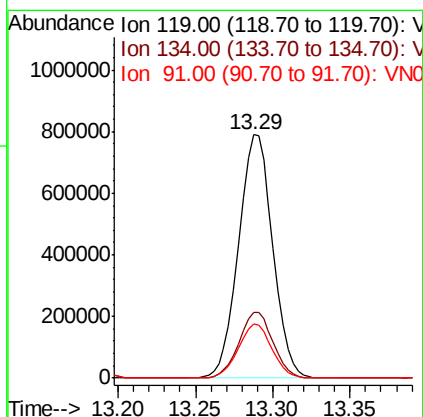
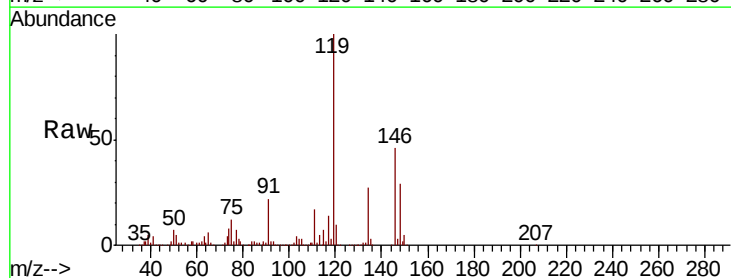
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

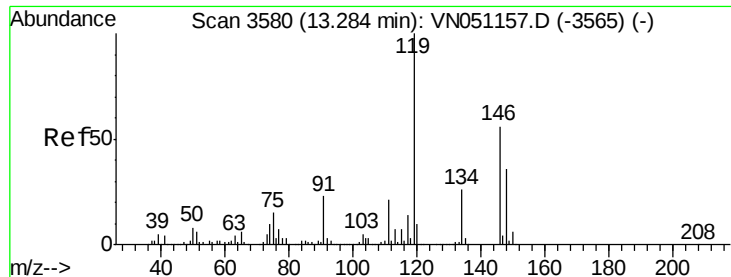
Tot Ion:105 Resp: 1360309
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 48.01 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion:119 Resp: 1208007
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.8 10.9 32.9

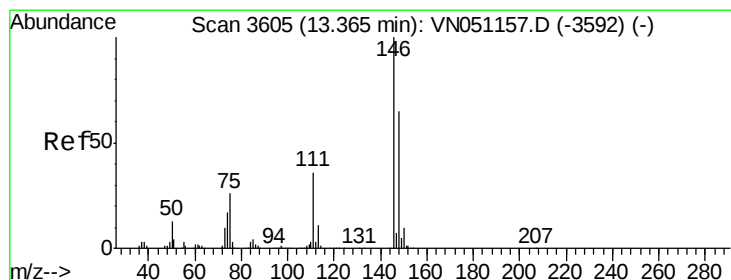
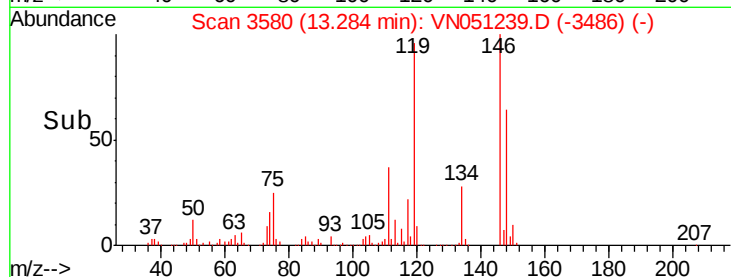
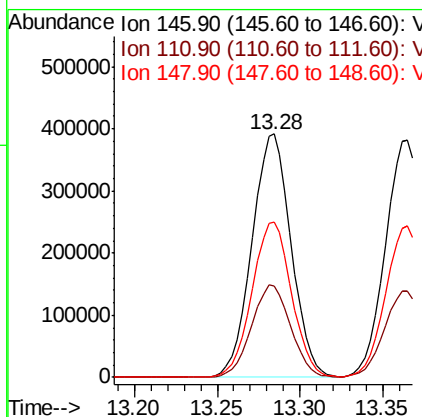
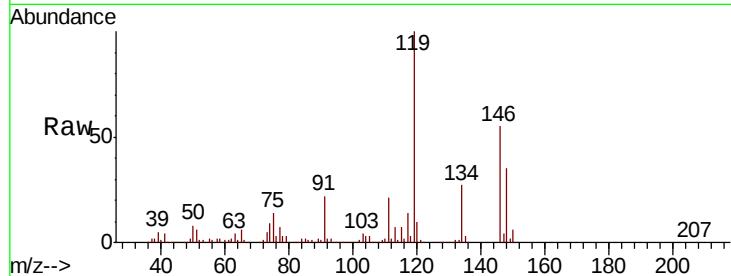




#87
 1,3-Dichlorobenzene
 Concen: 43.69 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

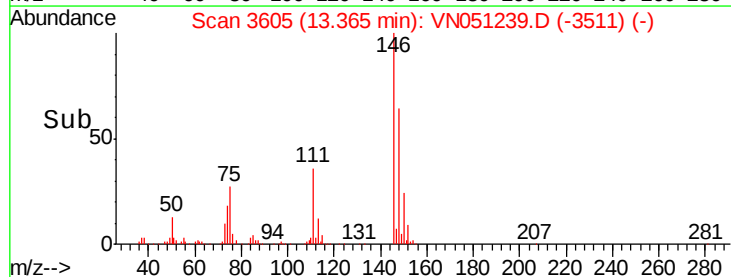
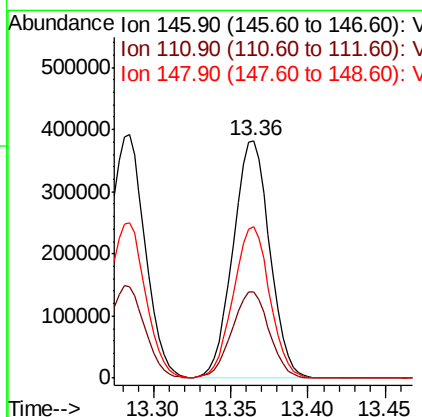
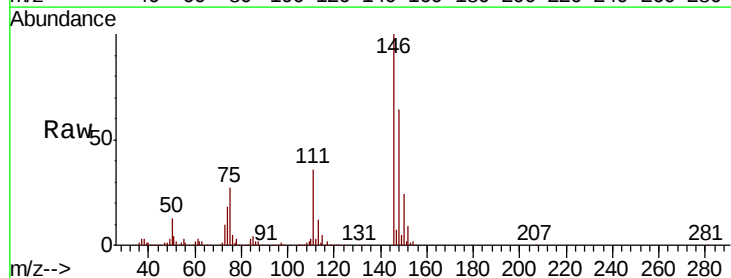
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

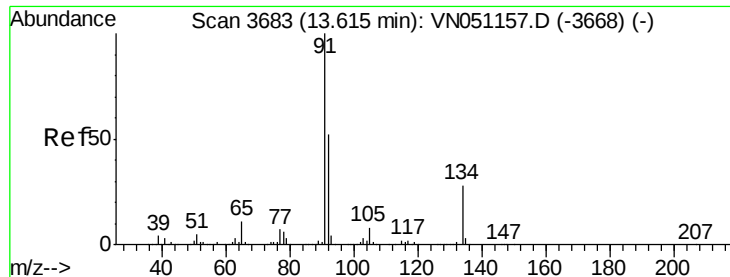
Tot Ion:146 Resp: 645464
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.1
 148 64.3 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 46.36 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion:146 Resp: 628796
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.0
 148 63.5 32.2 96.6





#89

n-Butylbenzene

Concen: 44.91 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

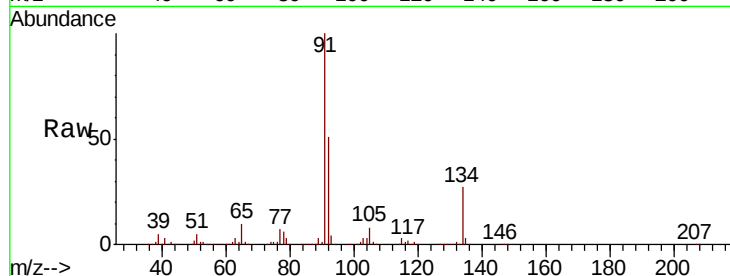
Tot Ion: 91 Resp: 879436

Ion Ratio Lower Upper

91 100

92 51.6 26.2 78.6

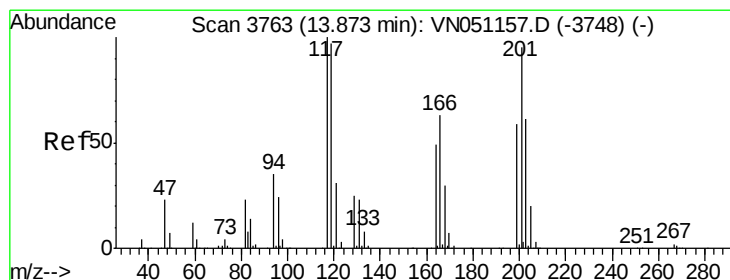
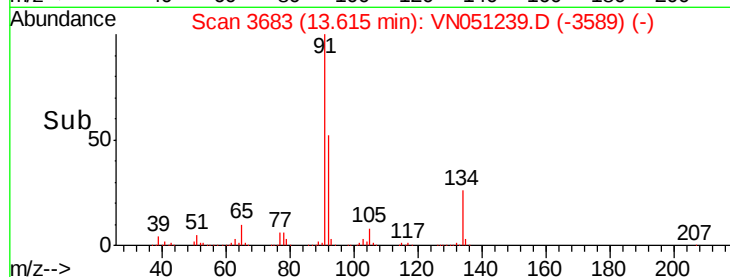
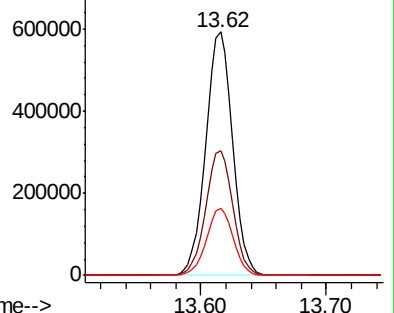
134 27.5 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VN051157.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN051157.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN051157.D (-3668) (-)



#90

Hexachloroethane

Concen: 48.27 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN051239.D

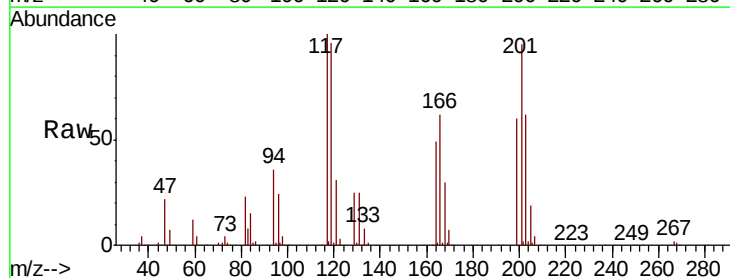
Acq: 15 Sep 2018 22:28

Tgt Ion: 117 Resp: 221228

Ion Ratio Lower Upper

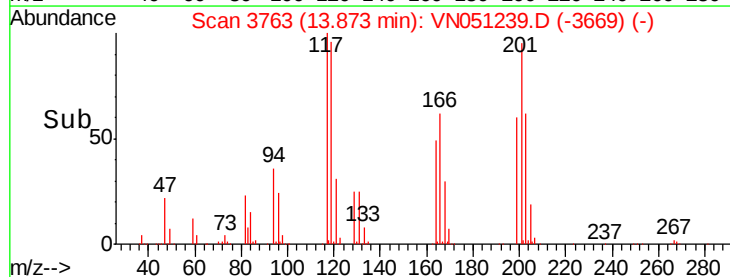
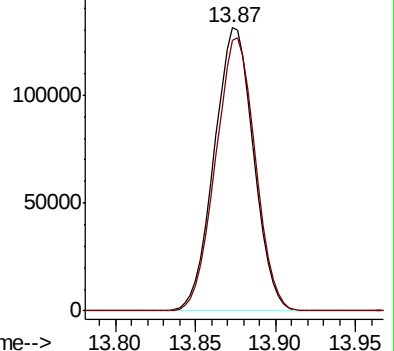
117 100

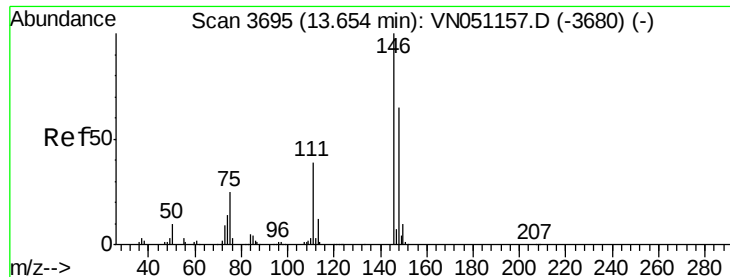
201 97.3 47.3 142.0



Abundance Ion 116.80 (116.50 to 117.50): VN051157.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN051157.D (-3748) (-)





#91

1,2-Dichlorobenzene

Concen: 43.61 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

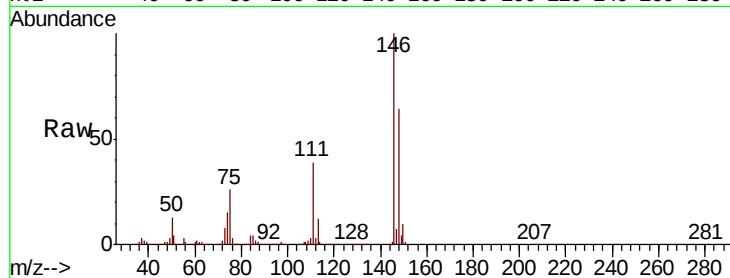
Tot Ion:146 Resp: 627766

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.0

148 64.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

500000

400000

300000

200000

100000

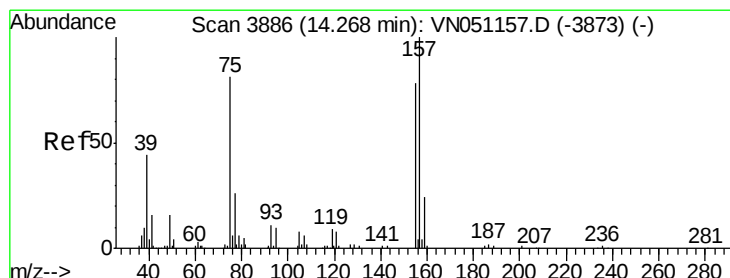
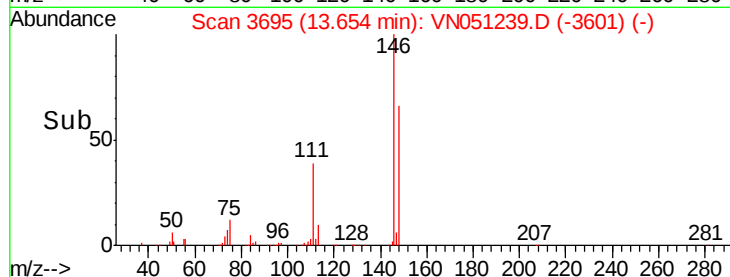
0

13.65

13.60

13.70

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.18 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

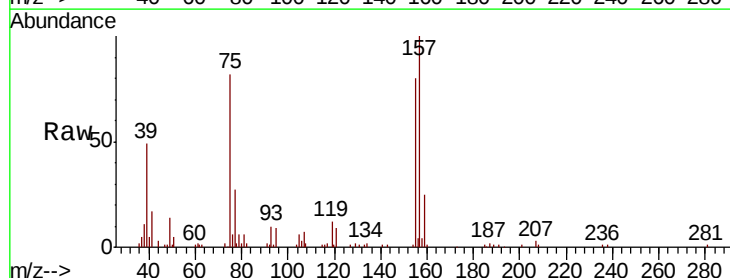
Tgt Ion: 75 Resp: 43222

Ion Ratio Lower Upper

75 100

155 97.8 48.7 146.1

157 124.7 63.6 190.9



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

40000

30000

20000

10000

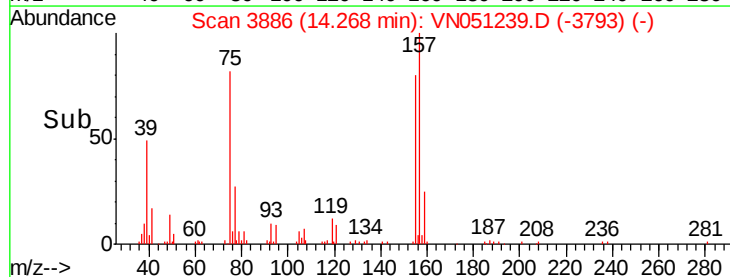
0

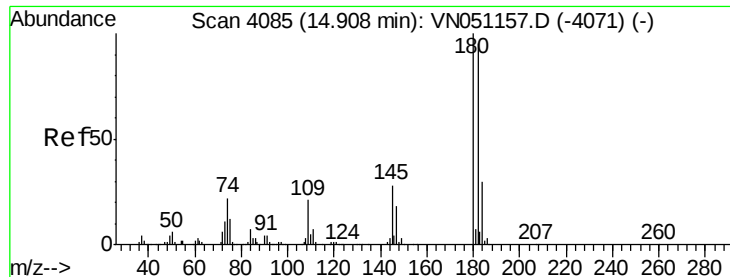
14.27

14.20

14.30

Time-->

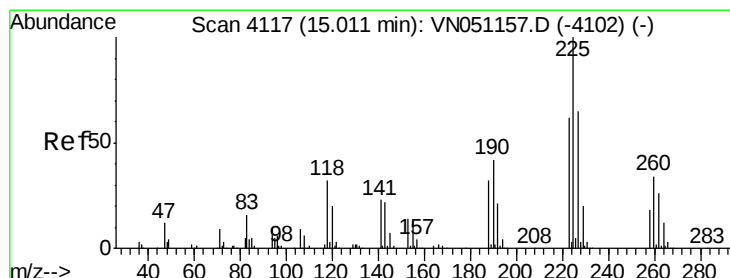
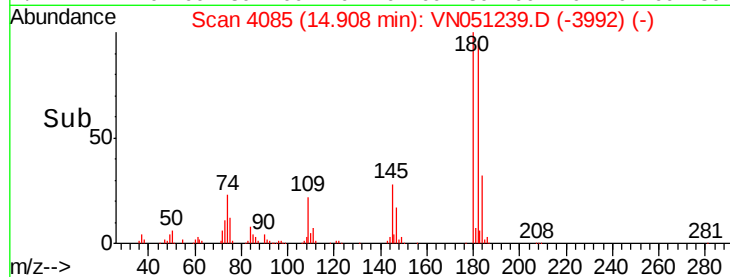
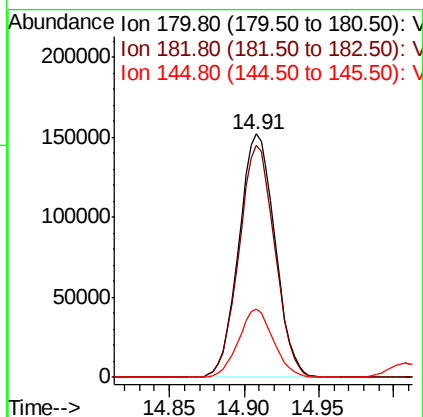
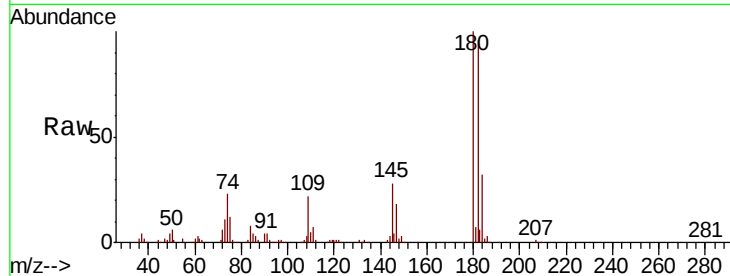




#93
 1,2,4-Trichlorobenzene
 Concen: 37.76 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

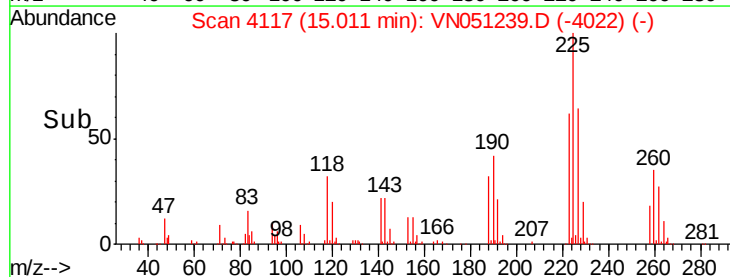
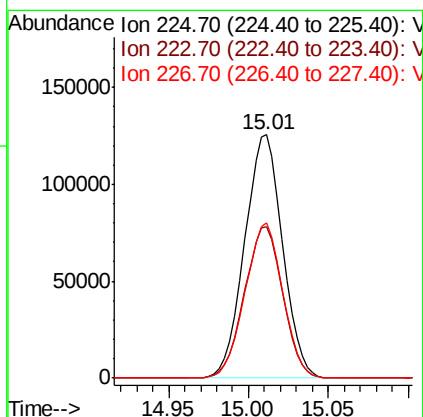
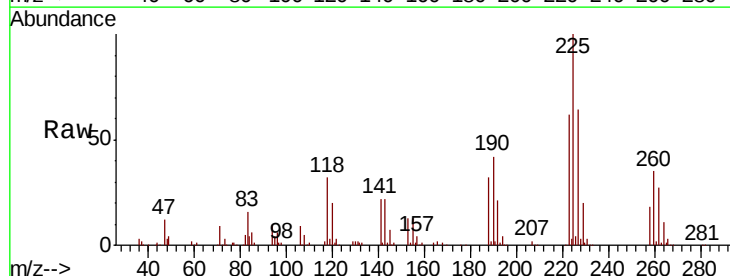
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

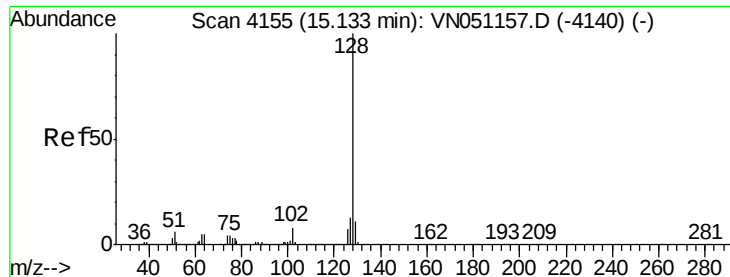
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.8
145	27.2	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 48.42 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051239.D
 Acq: 15 Sep 2018 22:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.4	94.0
227	63.4	32.1	96.3





#95

Naphthalene

Concen: 32.31 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

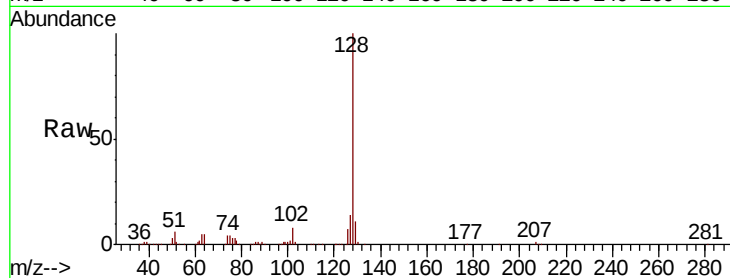
Tot Ion:128 Resp: 438800

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

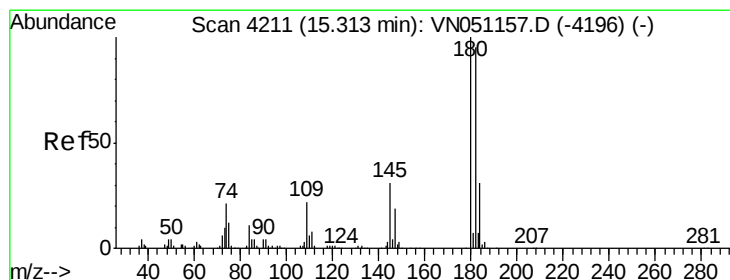
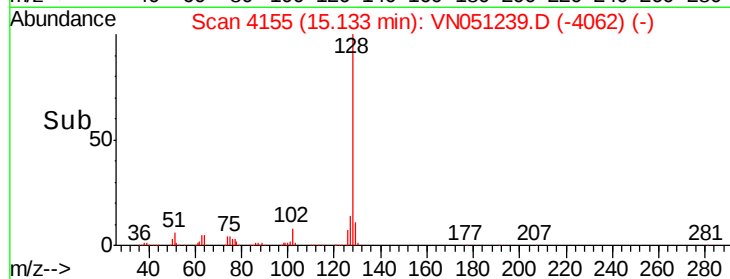
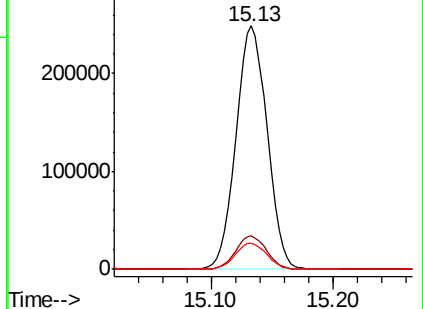
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 37.84 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051239.D

Acq: 15 Sep 2018 22:28

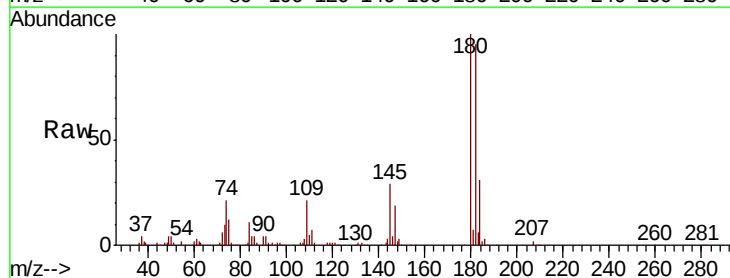
Tgt Ion:180 Resp: 246425

Ion Ratio Lower Upper

180 100

182 96.7 47.8 143.3

145 29.9 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

