

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052875.D
 Acq On : 13 Dec 2018 20:01
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 14 01:43:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1078893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1661664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1483034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	698521	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	563292	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
35) Dibromofluoromethane	7.59	113	466828	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
50) Toluene-d8	10.09	98	2043648	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.40	95	696837	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	535599	48.225	ug/l	99
3) Chloromethane	2.06	50	633702	47.541	ug/l	100
4) Vinyl Chloride	2.19	62	656480	49.228	ug/l	99
5) Bromomethane	2.57	94	397376	48.312	ug/l	99
6) Chloroethane	2.71	64	387224	49.125	ug/l	100
7) Trichlorofluoromethane	3.02	101	813101	49.180	ug/l	99
8) Diethyl Ether	3.41	74	312883	51.879	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	498380	48.638	ug/l	98
10) Methyl Iodide	3.96	142	730889	50.933	ug/l	100
11) Tert butyl alcohol	4.77	59	152184	237.421	ug/l	98
12) 1,1-Dichloroethene	3.74	96	497572	50.162	ug/l	99
13) Acrolein	3.61	56	150771	249.830	ug/l	99
14) Allyl chloride	4.33	41	816160	50.375	ug/l	95
15) Acrylonitrile	4.99	53	893690	248.523	ug/l	98
16) Acetone	3.82	43	570416	221.395	ug/l	97
17) Carbon Disulfide	4.06	76	1435663	47.114	ug/l	100
18) Methyl Acetate	4.33	43	461339	48.790	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1361220	50.549	ug/l	99
20) Methylene Chloride	4.55	84	555801	47.936	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	526635	49.005	ug/l	99
22) Diisopropyl ether	5.95	45	1724473	49.892	ug/l	99
23) Vinyl Acetate	5.90	43	5129640	249.412	ug/l	99
24) 1,1-Dichloroethane	5.85	63	996961	50.018	ug/l	99
25) 2-Butanone	6.83	43	945609	236.535	ug/l	97
26) 2,2-Dichloropropane	6.83	77	684542	46.636	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	611478	50.134	ug/l	99
28) Bromochloromethane	7.20	49	450334	50.314	ug/l	98
29) Tetrahydrofuran	7.21	42	668244	244.848	ug/l	99
30) Chloroform	7.37	83	972705	50.044	ug/l	100
31) Cyclohexane	7.65	56	924393	47.523	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	812393	49.955	ug/l	100
36) 1,1-Dichloropropene	7.80	75	766188	50.072	ug/l	100
37) Ethyl Acetate	6.93	43	451969	49.168	ug/l	98
38) Carbon Tetrachloride	7.78	117	707712	50.248	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
 Data File : VN052875.D
 Acq On : 13 Dec 2018 20:01
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 14 01:43:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	914789	48.717	ug/l	99
40) Benzene	8.04	78	2295017	49.972	ug/l	100
41) Methacrylonitrile	7.17	41	264571	51.946	ug/l	94
42) 1,2-Dichloroethane	8.12	62	686423	49.646	ug/l	99
43) Isopropyl Acetate	8.16	43	854119	45.319	ug/l	100
44) Trichloroethene	8.84	130	616929	49.732	ug/l	99
45) 1,2-Dichloropropane	9.12	63	600557	49.925	ug/l	98
46) Dibromomethane	9.21	93	345510	49.526	ug/l	98
47) Bromodichloromethane	9.40	83	731136	50.539	ug/l	99
48) Methyl methacrylate	9.20	41	423296	51.215	ug/l	99
49) 1,4-Dioxane	9.20	88	95227	1015.039	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	2176972	251.905	ug/l	100
52) Toluene	10.16	92	1412976	50.798	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	741264	50.920	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	878993	50.671	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	497936	50.148	ug/l	99
56) Ethyl methacrylate	10.43	69	663381	52.059	ug/l	99
57) 1,3-Dichloropropane	10.71	76	857465	50.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1836924	258.350	ug/l	99
59) 2-Hexanone	10.75	43	1451426	245.068	ug/l	100
60) Dibromochloromethane	10.90	129	549119	51.170	ug/l	100
61) 1,2-Dibromoethane	11.01	107	494426	50.375	ug/l	99
64) Tetrachloroethene	10.63	164	638828	50.119	ug/l	98
65) Chlorobenzene	11.44	112	1555729	50.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	541911	50.643	ug/l	100
67) Ethyl Benzene	11.51	91	2684590	50.809	ug/l	100
68) m/p-Xylenes	11.62	106	2026985	102.167	ug/l	100
69) o-Xylene	11.95	106	992743	51.243	ug/l	100
70) Styrene	11.96	104	1633983	52.467	ug/l	99
71) Bromoform	12.13	173	367941	50.613	ug/l #	100
73) Isopropylbenzene	12.25	105	2622367	50.281	ug/l	100
74) N-amyl acetate	12.07	43	718474	50.178	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	565503	48.381	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	736100	71.425	ug/l #	100
77) Bromobenzene	12.53	156	665129	50.141	ug/l	100
78) n-propylbenzene	12.59	91	3005499	50.529	ug/l	99
79) 2-Chlorotoluene	12.68	91	1751497	49.809	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2127423	50.531	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	159127	49.602	ug/l	99
82) 4-Chlorotoluene	12.77	91	1798251	50.016	ug/l	100
83) tert-Butylbenzene	12.99	119	1860597	50.098	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2146428	50.360	ug/l	100
85) sec-Butylbenzene	13.17	105	2524010	50.183	ug/l	100
86) p-Isopropyltoluene	13.29	119	2196852	50.415	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1172865	49.754	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1154712	49.463	ug/l	99
89) n-Butylbenzene	13.62	91	1841021	50.186	ug/l	100
90) Hexachloroethane	13.88	117	361390	49.528	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1123025	49.525	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	86992	49.373	ug/l	100

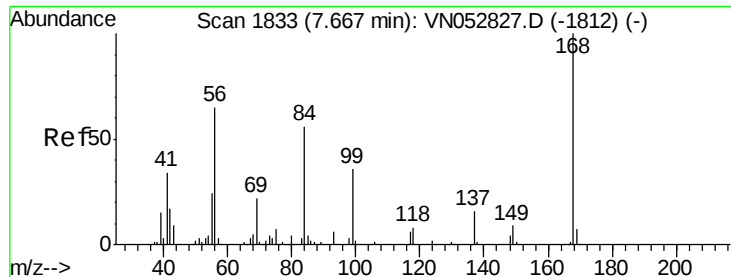
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121318\
Data File : VN052875.D
Acq On : 13 Dec 2018 20:01
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 14 01:43:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	631401	51.224	ug/l	99
94) Hexachlorobutadiene	15.01	225	342249	47.970	ug/l	99
95) Naphthalene	15.13	128	1326152	51.946	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	577357	51.047	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

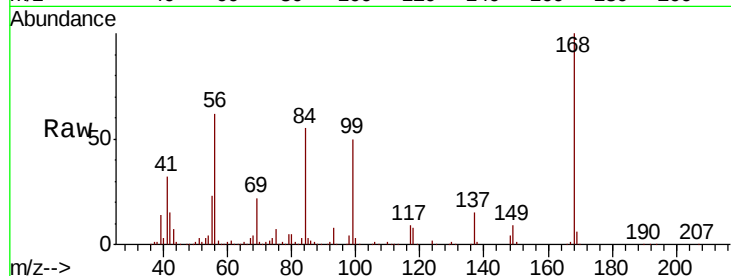
VSTDCCC050EC

Tot Ion:168 Resp: 1078893

Ion Ratio Lower Upper

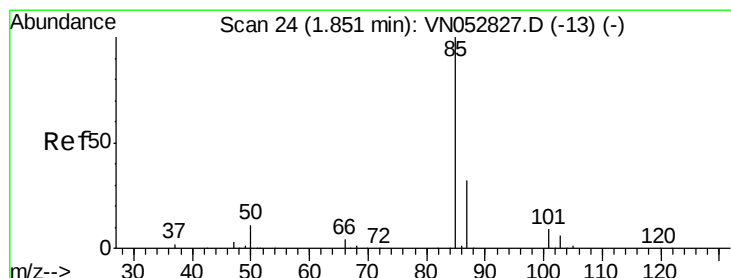
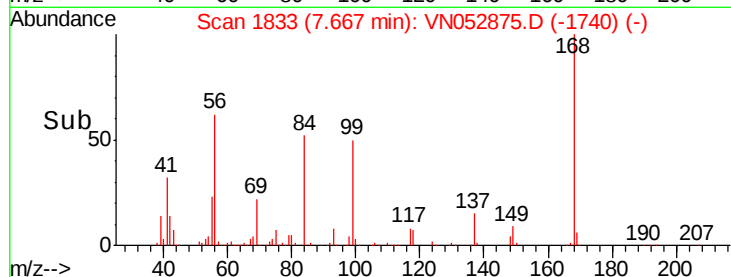
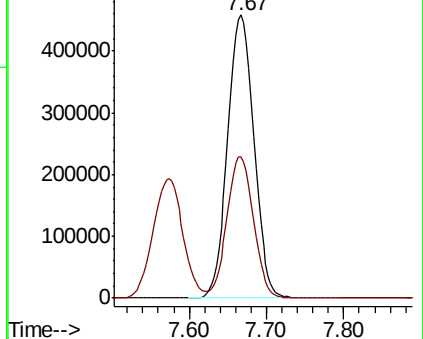
168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.225 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052875.D

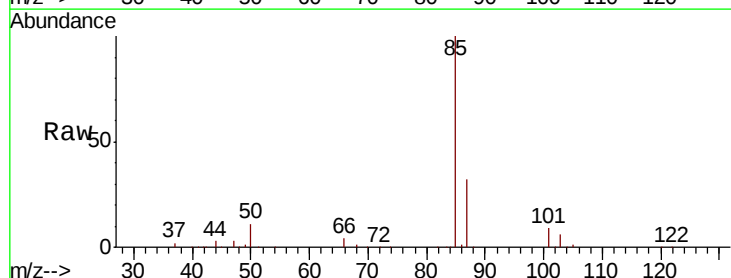
Acq: 13 Dec 2018 20:01

Tgt Ion: 85 Resp: 535599

Ion Ratio Lower Upper

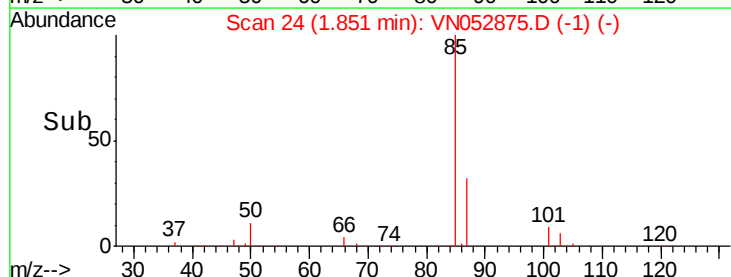
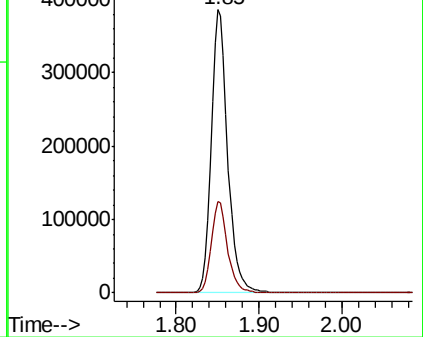
85 100

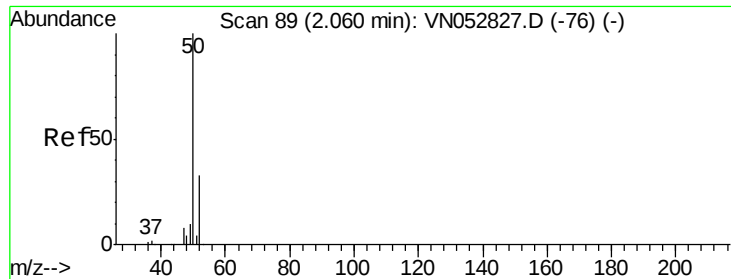
87 32.1 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.541 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

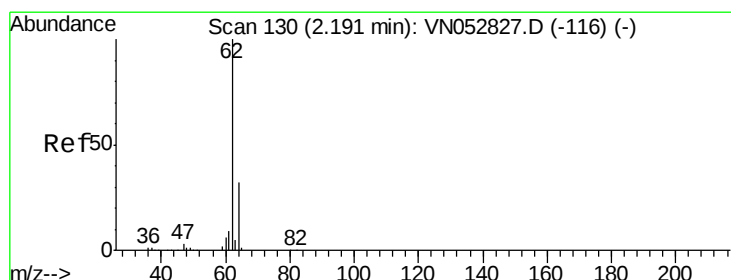
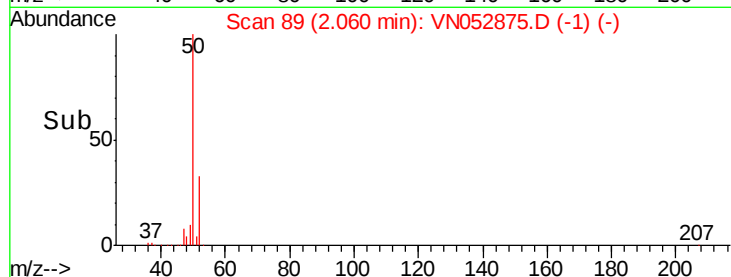
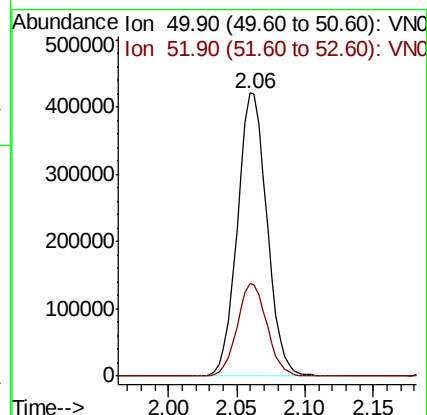
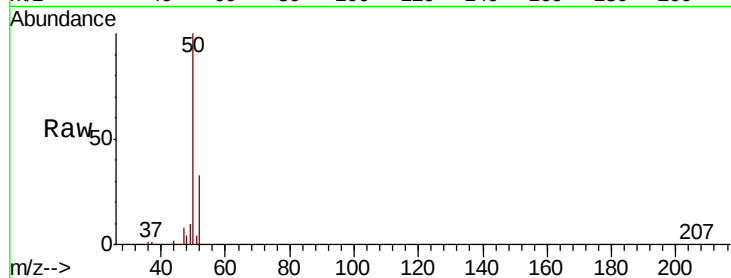
VSTDCCC050EC

Tot Ion: 50 Resp: 633702

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.4



#4

Vinyl Chloride

Concen: 49.228 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052875.D

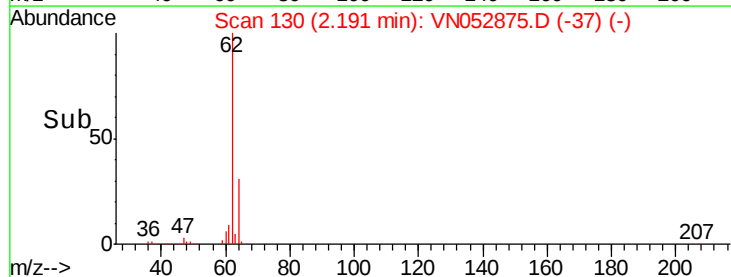
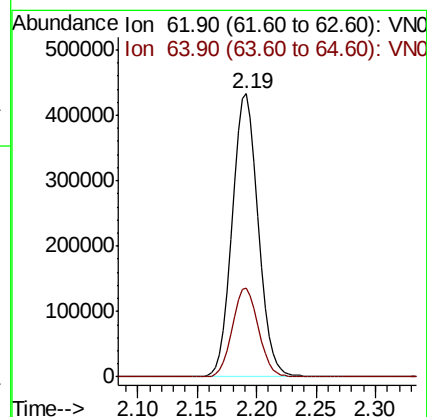
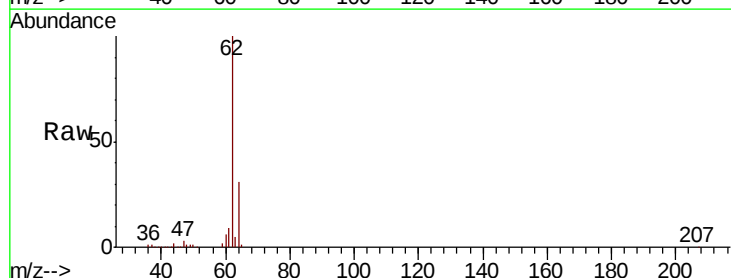
Acq: 13 Dec 2018 20:01

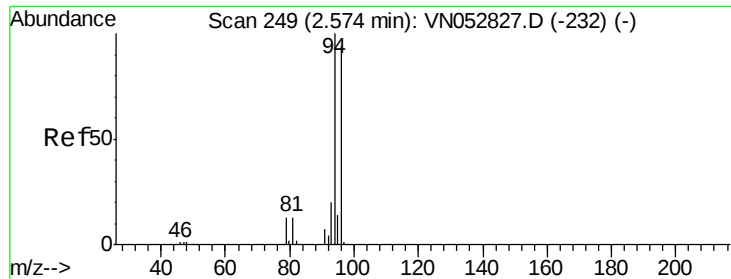
Tgt Ion: 62 Resp: 656480

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3





#5

Bromomethane

Concen: 48.312 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

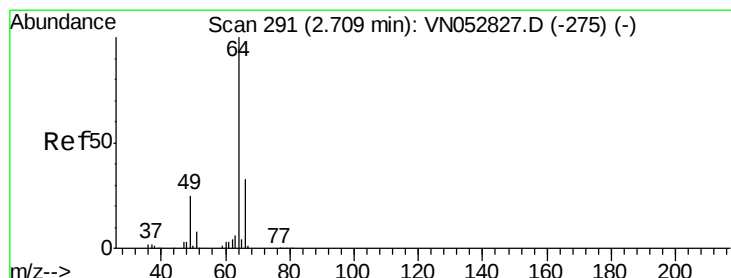
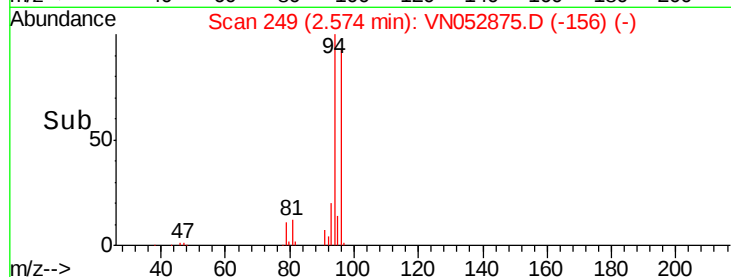
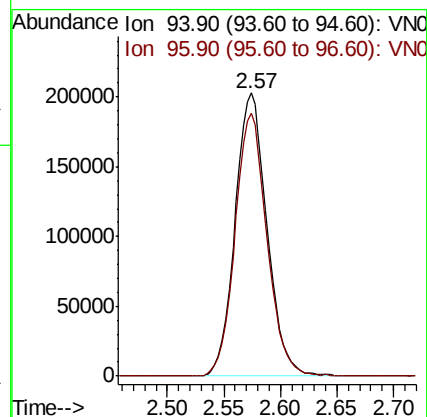
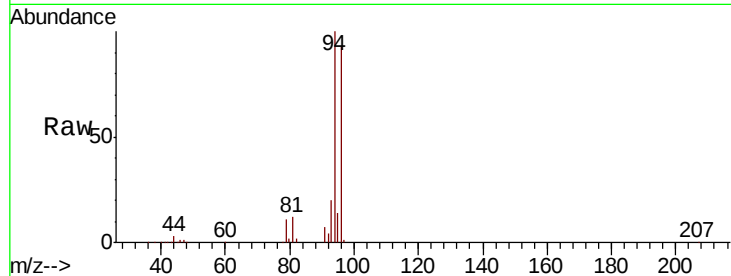
VSTDCCC050EC

Tot Ion: 94 Resp: 397376

Ion Ratio Lower Upper

94 100

96 92.7 75.0 112.4



#6

Chloroethane

Concen: 49.125 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052875.D

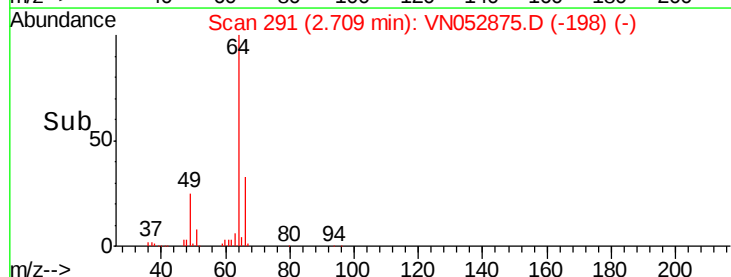
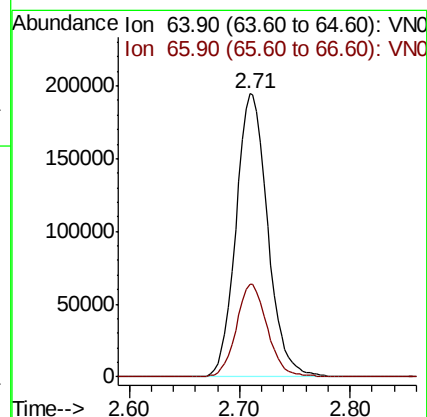
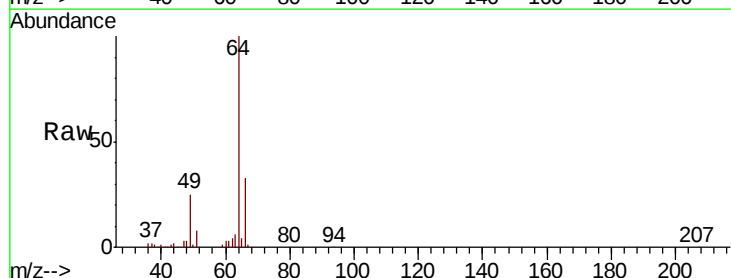
Acq: 13 Dec 2018 20:01

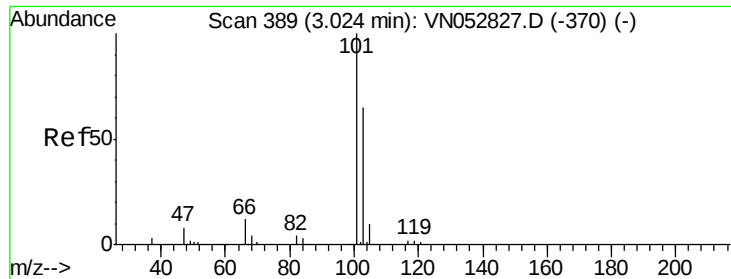
Tgt Ion: 64 Resp: 387224

Ion Ratio Lower Upper

64 100

66 32.9 26.2 39.2



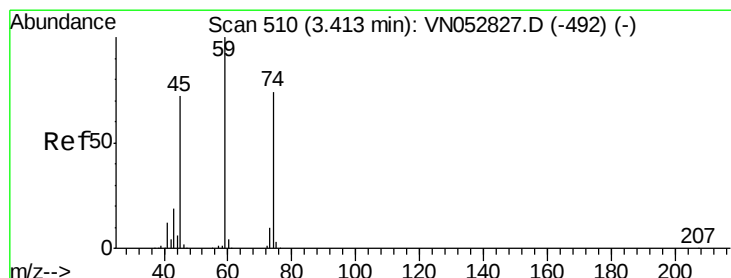
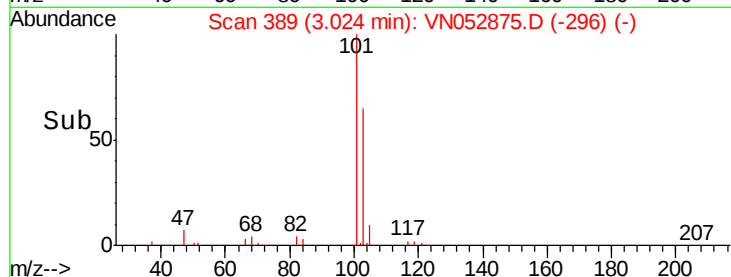
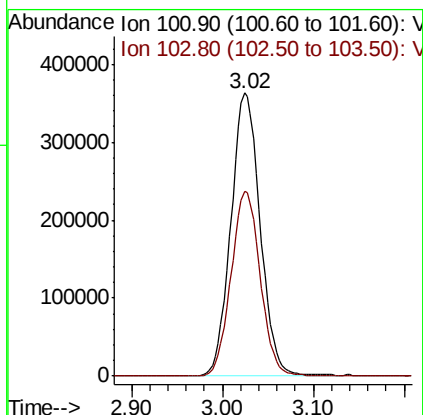
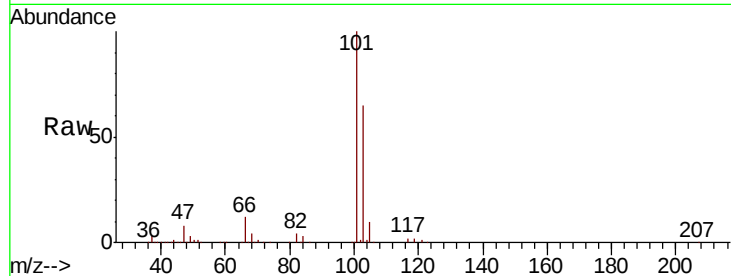


#7

Trichlorofluoromethane
 Concen: 49.180 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

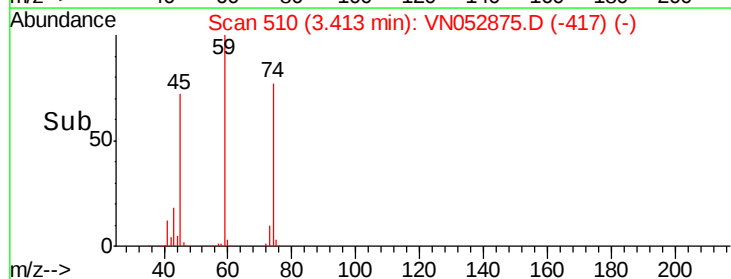
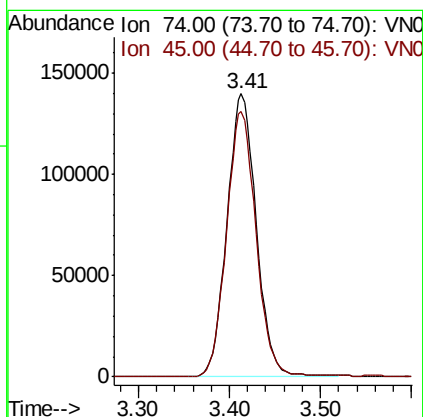
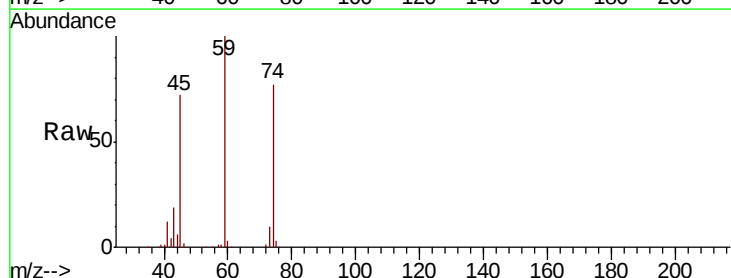
Tot Ion:101 Resp: 813101
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.6

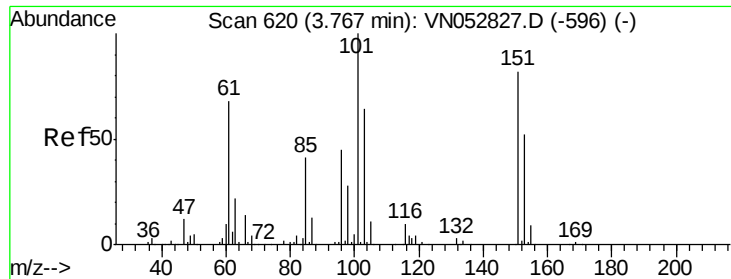


#8

Diethyl Ether
 Concen: 51.879 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Tgt Ion: 74 Resp: 312883
 Ion Ratio Lower Upper
 74 100
 45 94.9 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.638 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

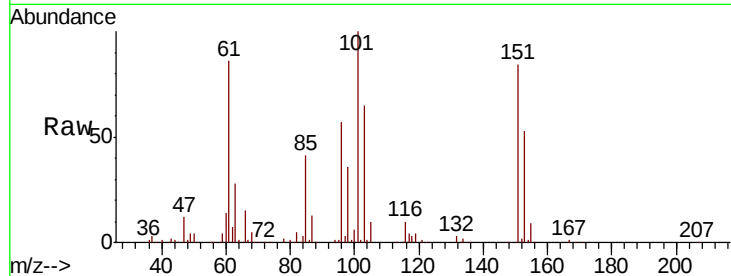
Tot Ion:101 Resp: 498380

Ion Ratio Lower Upper

101 100

85 41.9 33.6 50.4

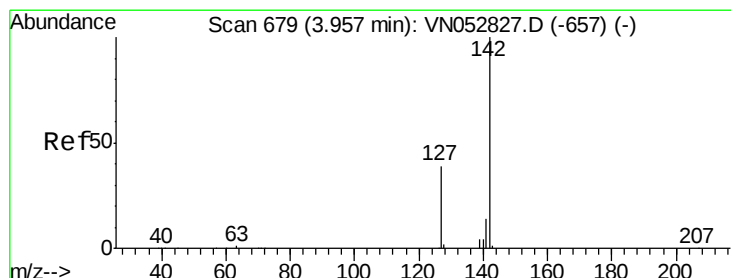
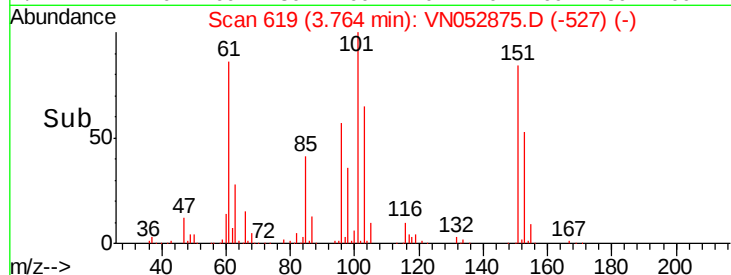
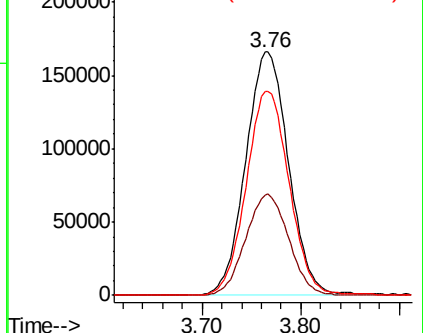
151 84.0 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.933 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

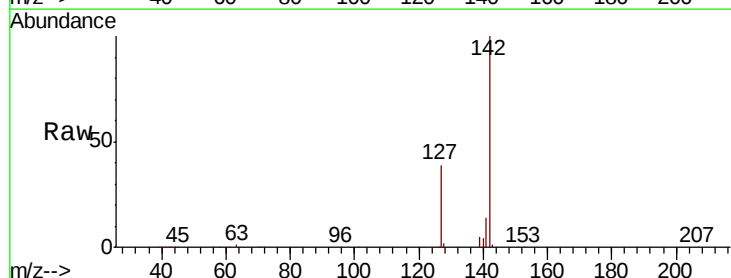
Tgt Ion:142 Resp: 730889

Ion Ratio Lower Upper

142 100

127 38.4 31.0 46.6

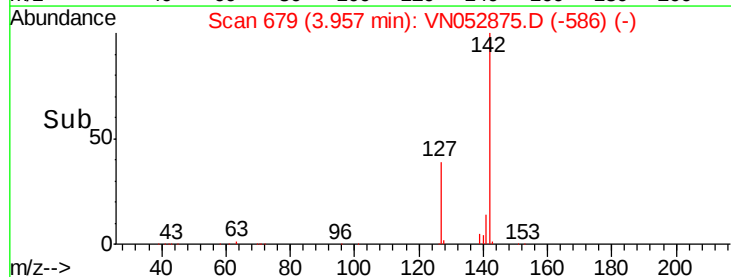
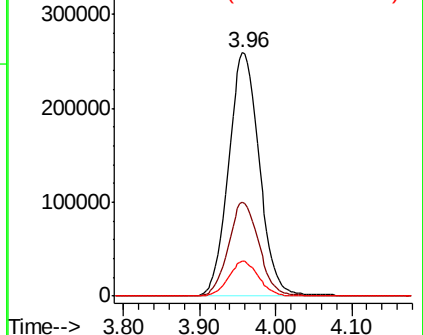
141 14.0 11.2 16.8

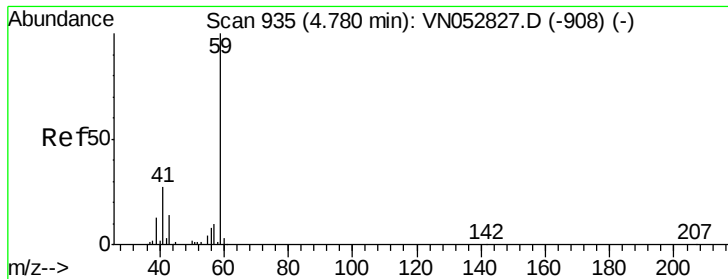


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



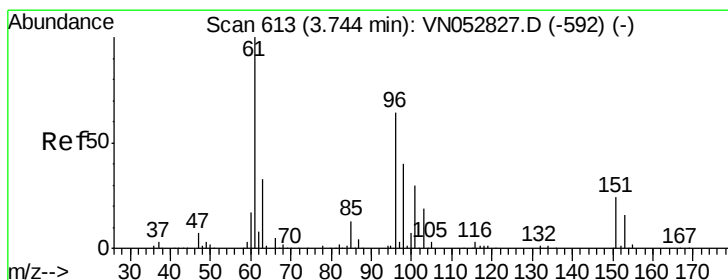
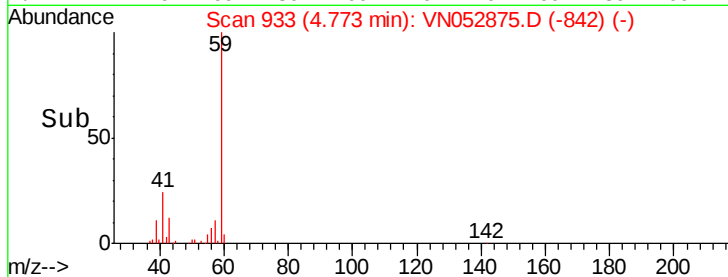
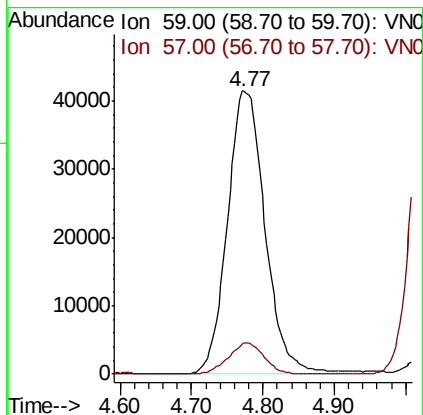
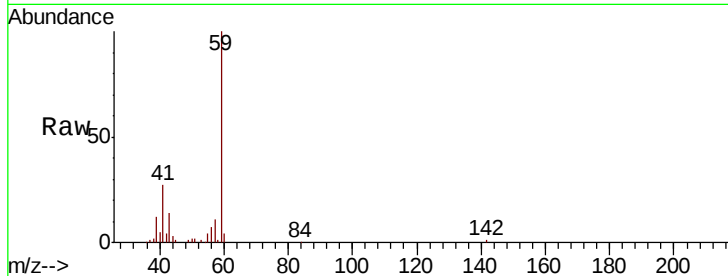


#11

Tert butyl alcohol
 Concen: 237.421 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

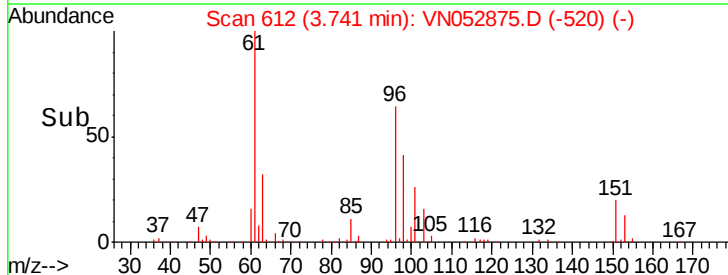
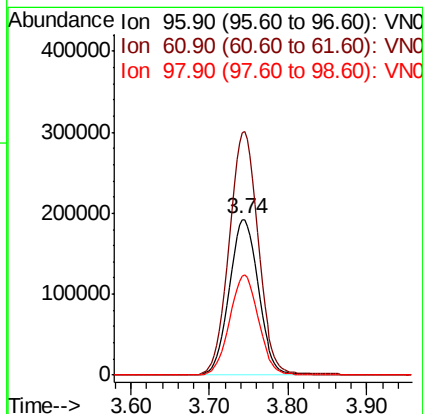
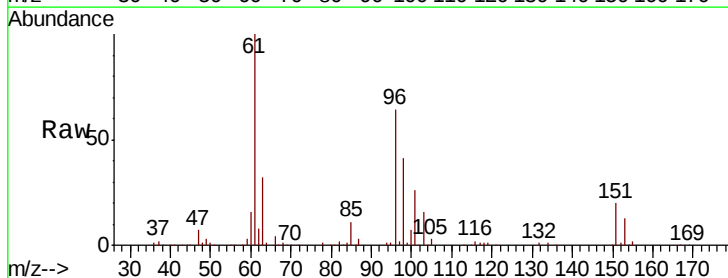
Tot Ion: 59 Resp: 152184
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.7 11.5

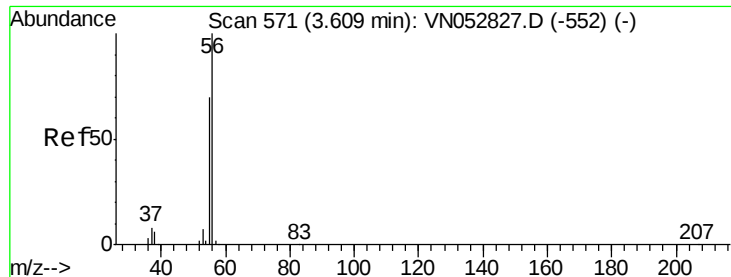


#12

1,1-Dichloroethene
 Concen: 50.162 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Tgt Ion: 96 Resp: 497572
 Ion Ratio Lower Upper
 96 100
 61 155.2 125.6 188.4
 98 63.3 50.6 75.8





#13

Acrolein

Concen: 249.830 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

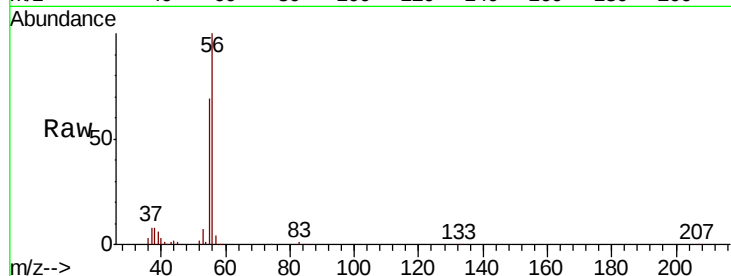
VSTDCCC050EC

Tot Ion: 56 Resp: 150771

Ion Ratio Lower Upper

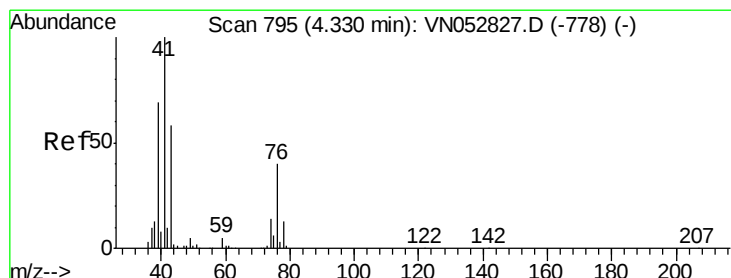
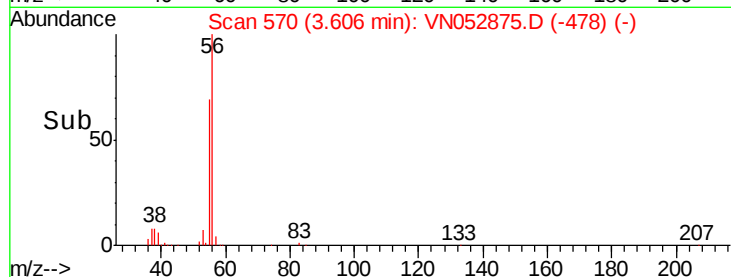
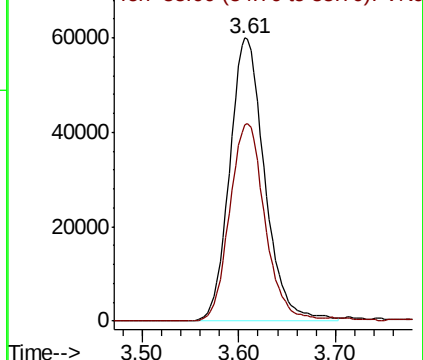
56 100

55 70.3 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 50.375 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

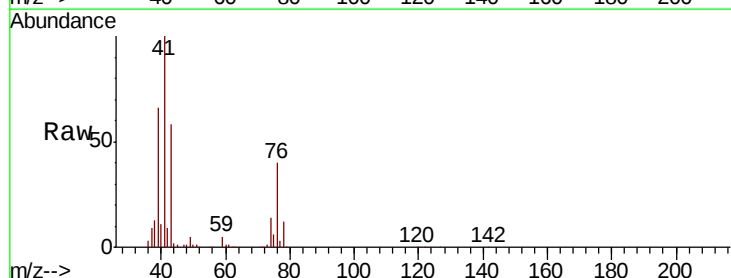
Tgt Ion: 41 Resp: 816160

Ion Ratio Lower Upper

41 100

39 63.0 54.1 81.1

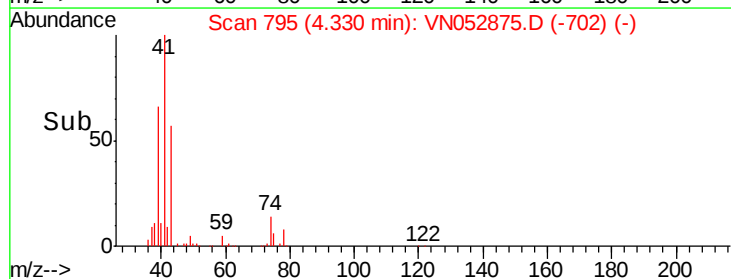
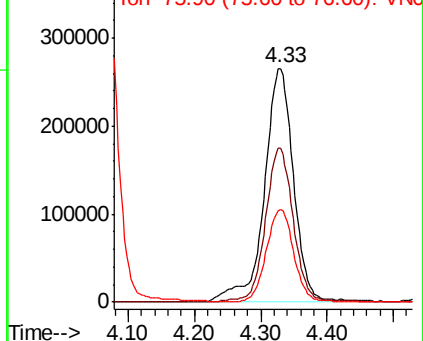
76 36.4 30.3 45.5

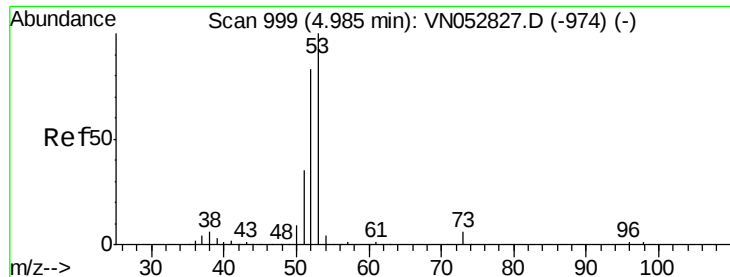


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 248.523 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

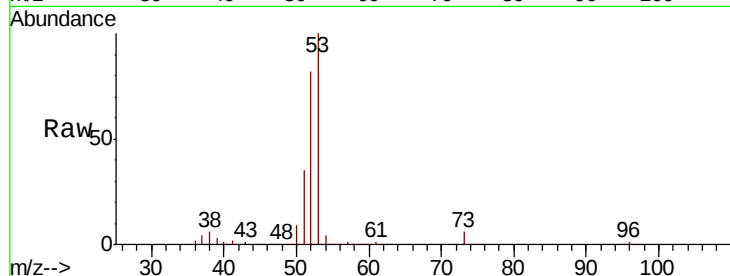
Tot Ion: 53 Resp: 893690

Ion Ratio Lower Upper

53 100

52 82.9 65.1 97.7

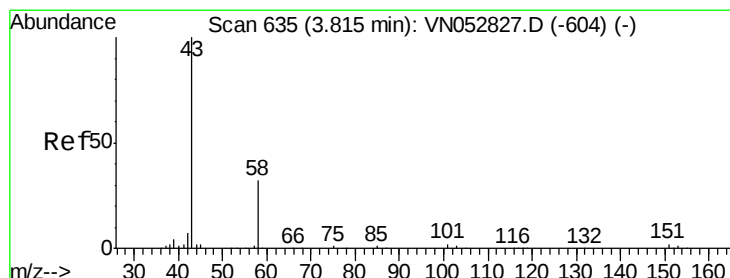
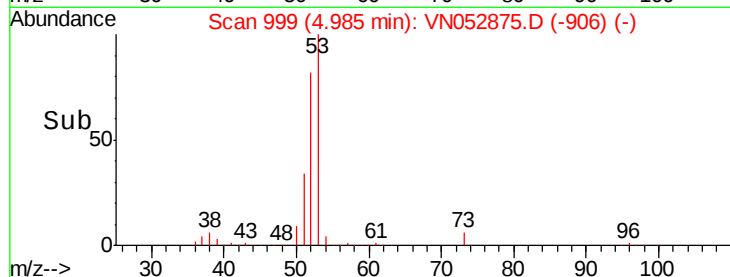
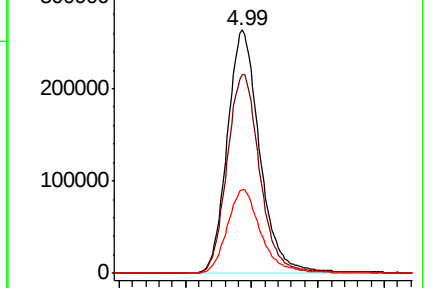
51 35.8 28.1 42.1



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: 221.395 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052875.D

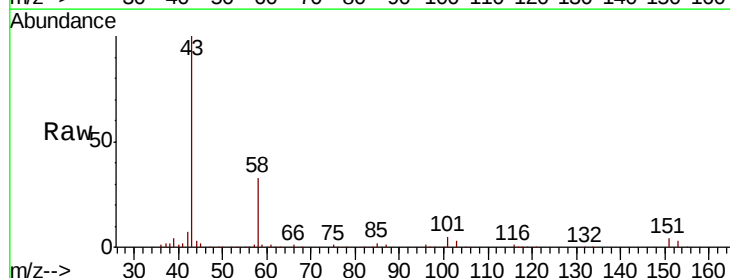
Acq: 13 Dec 2018 20:01

Tgt Ion: 43 Resp: 570416

Ion Ratio Lower Upper

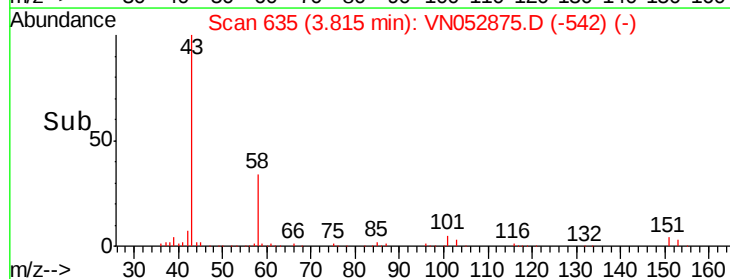
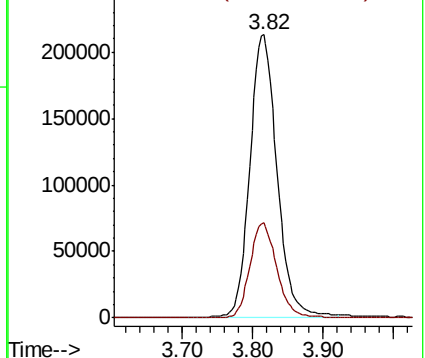
43 100

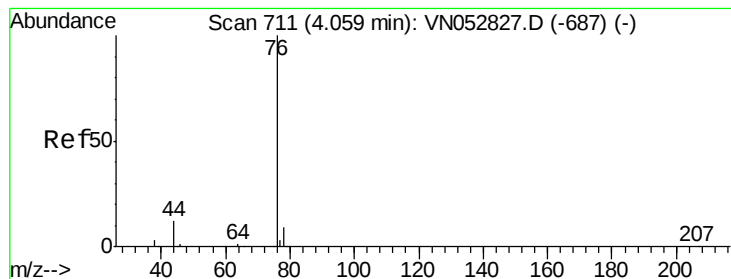
58 33.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 47.114 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

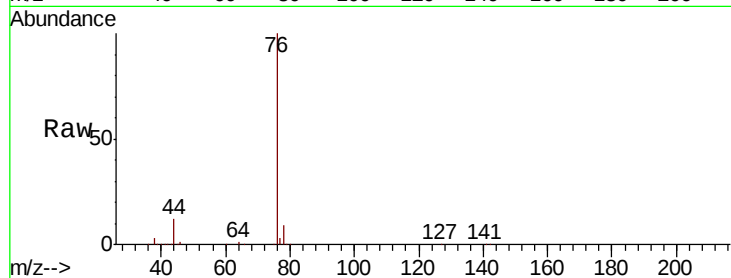
VSTDCCC050EC

Tot Ion: 76 Resp: 1435663

Ion Ratio Lower Upper

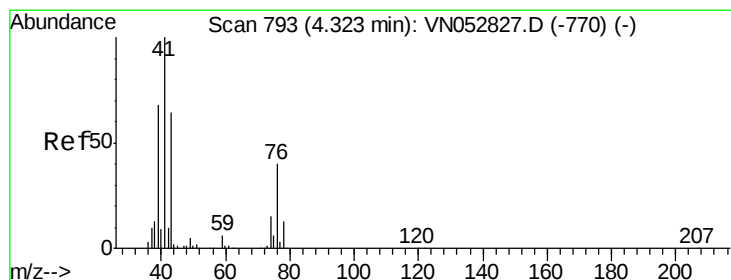
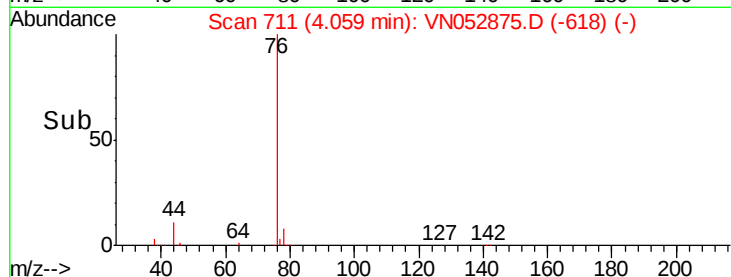
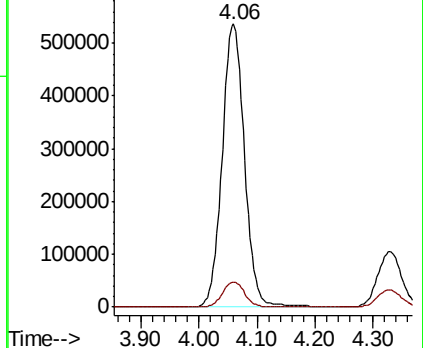
76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 48.790 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052875.D

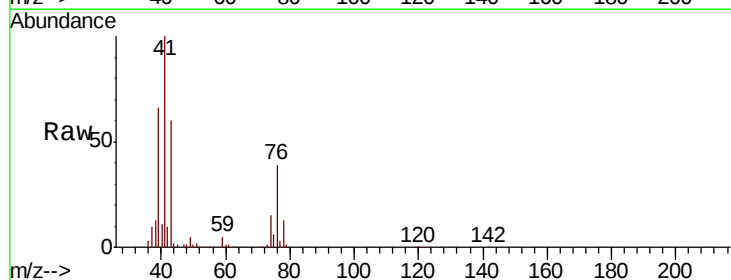
Acq: 13 Dec 2018 20:01

Tgt Ion: 43 Resp: 461339

Ion Ratio Lower Upper

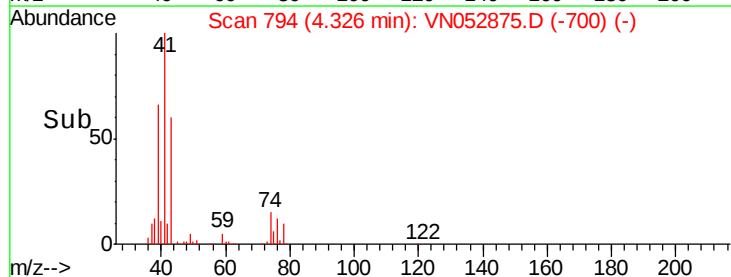
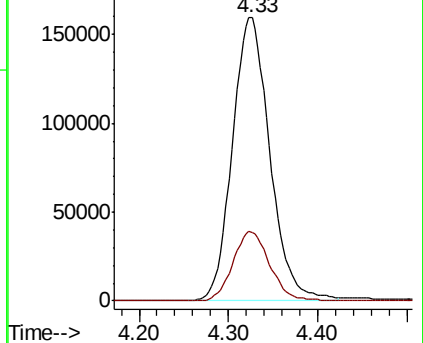
43 100

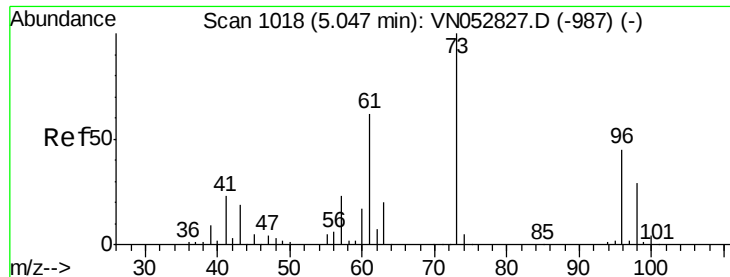
74 24.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

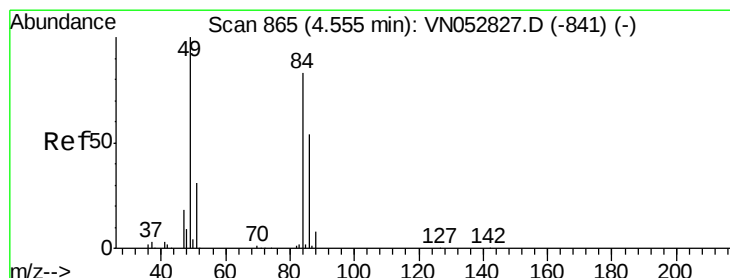
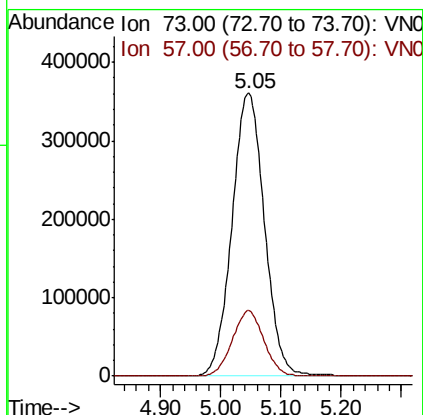
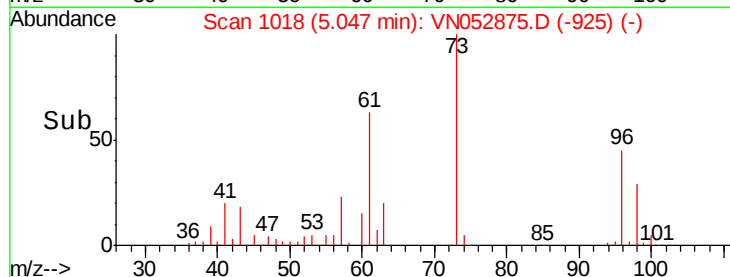
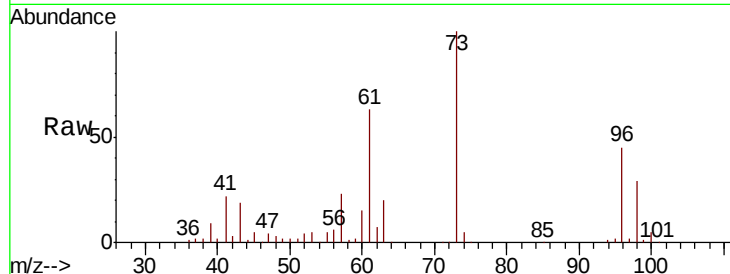




#19
Methvl tert-butvl Ether
Concen: 50.549 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

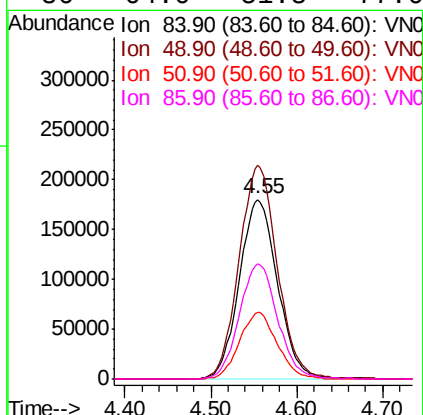
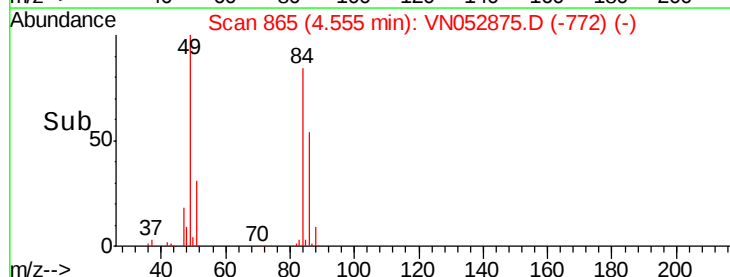
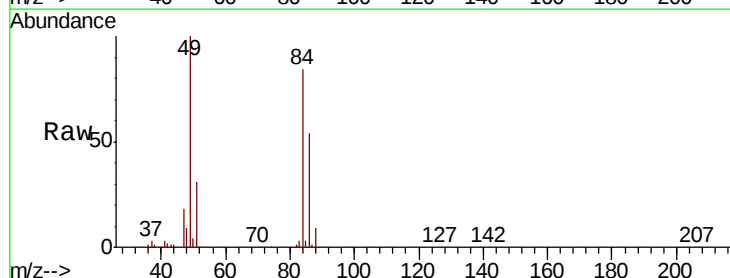
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

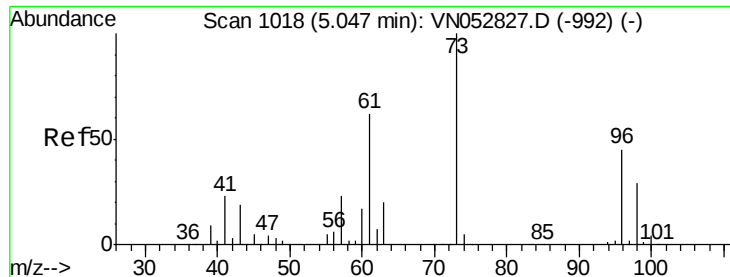
Tot Ion: 73 Resp: 1361220
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6



#20
Methylene Chloride
Concen: 47.936 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion: 84 Resp: 555801
Ion Ratio Lower Upper
84 100
49 118.9 96.8 145.2
51 37.3 29.9 44.9
86 64.0 51.8 77.6

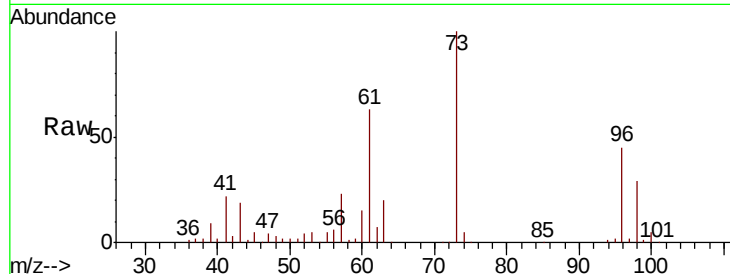




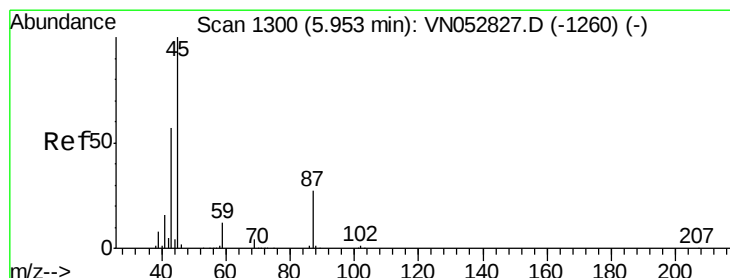
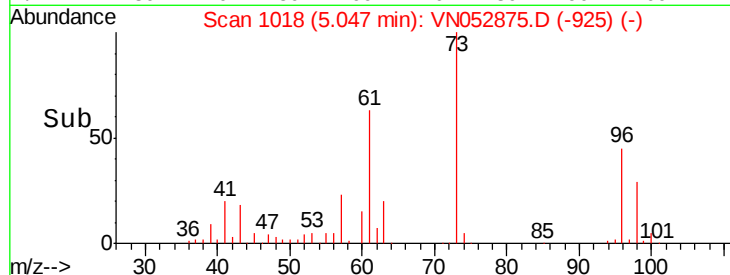
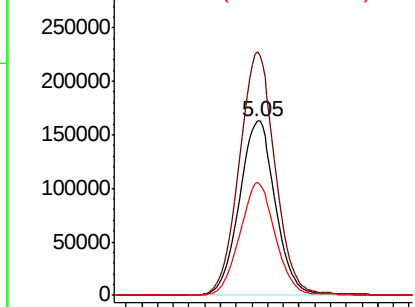
#21
trans-1,2-Dichloroethene
Concen: 49.005 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 526635
Ion Ratio Lower Upper
96 100
61 139.6 110.8 166.2
98 64.5 51.4 77.2

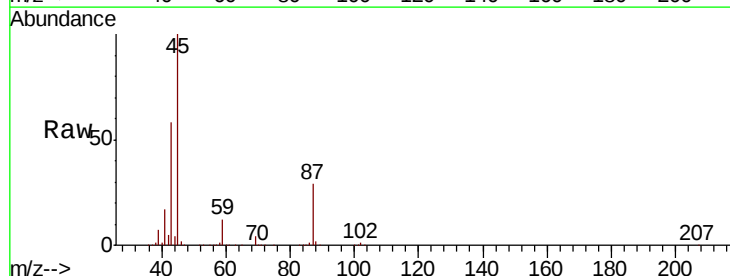


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

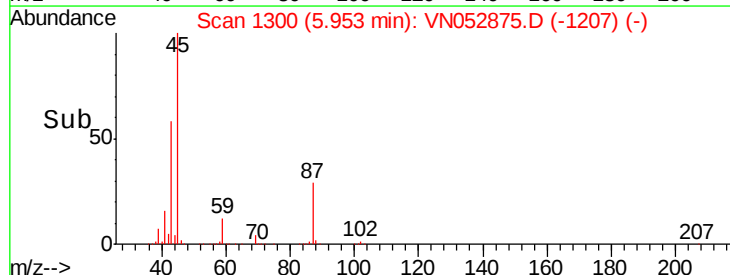
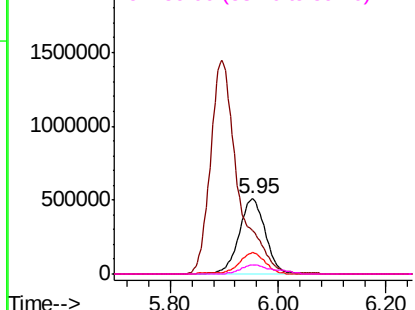


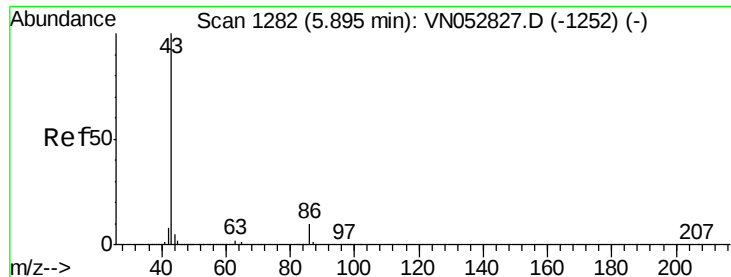
#22
Diisopropyl ether
Concen: 49.892 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion: 45 Resp: 1724473
Ion Ratio Lower Upper
45 100
43 56.9 45.5 68.3
87 28.5 22.0 33.0
59 11.8 9.4 14.0



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





#23

Vinyl Acetate

Concen: 249.412 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

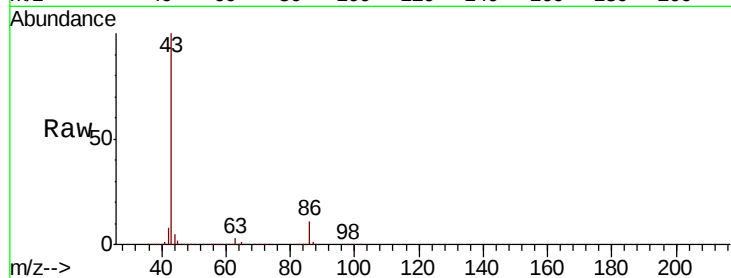
VSTDCCC050EC

Tot Ion: 43 Resp: 5129640

Ion Ratio Lower Upper

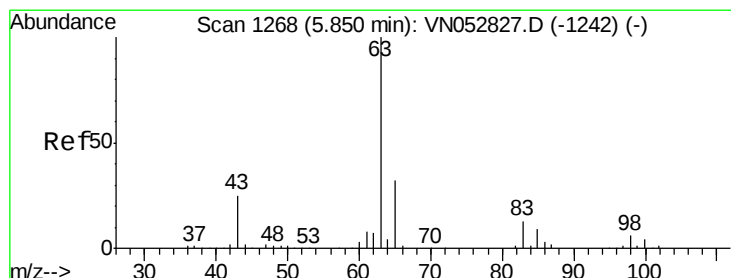
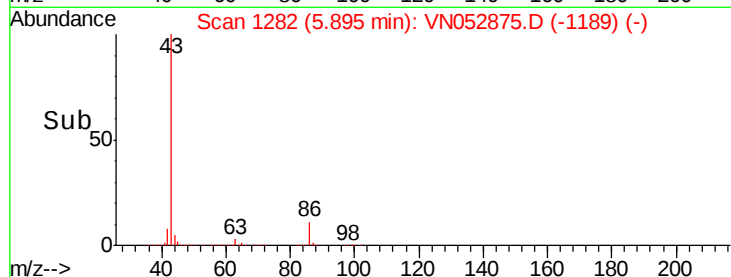
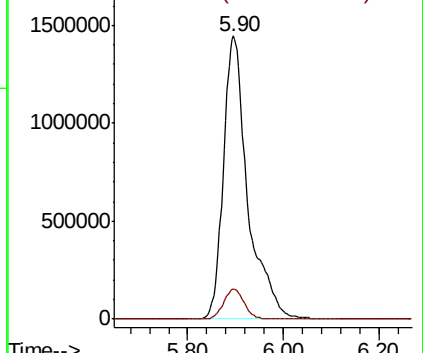
43 100

86 10.5 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1252) (-)

Ion 86.00 (85.70 to 86.70): VN052827.D (-1252) (-)



#24

1,1-Dichloroethane

Concen: 50.018 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

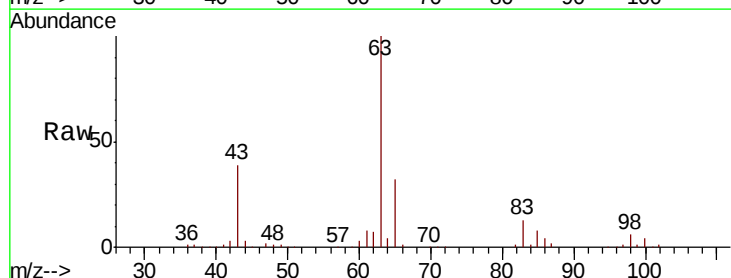
Tgt Ion: 63 Resp: 996961

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

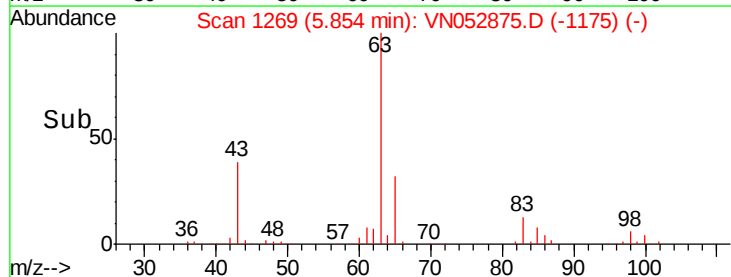
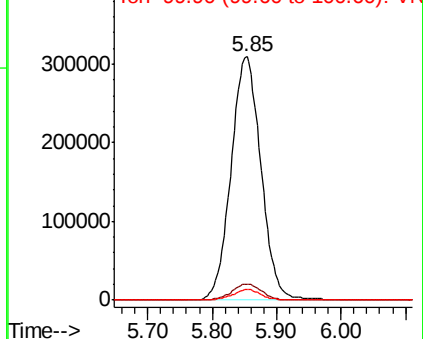
100 4.3 2.0 5.8

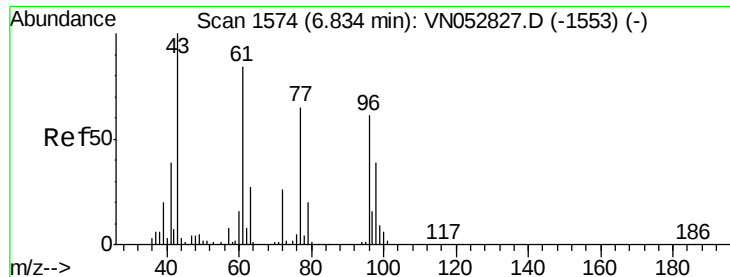


Abundance Ion 62.90 (62.60 to 63.60): VN052827.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VN052827.D (-1242) (-)

Ion 99.90 (99.60 to 100.60): VN052827.D (-1242) (-)





#25

2-Butanone

Concen: 236.535 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

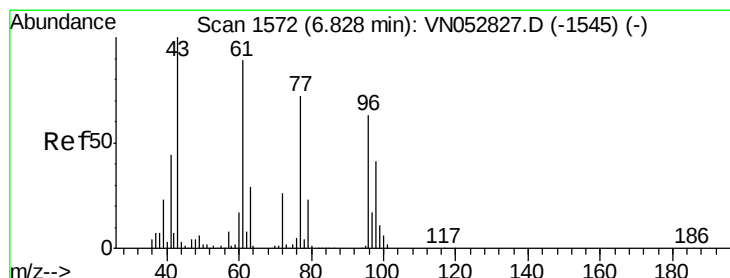
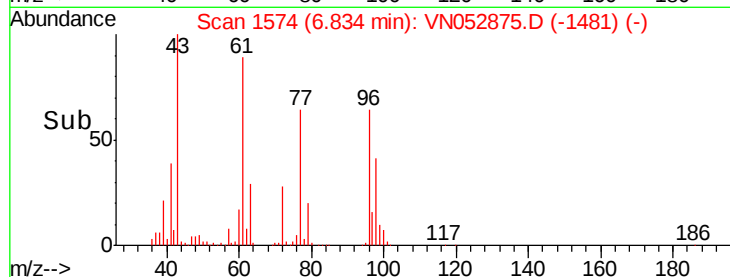
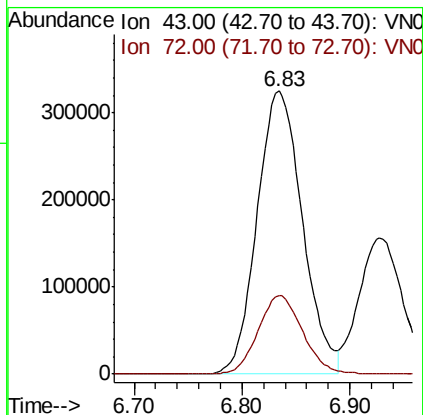
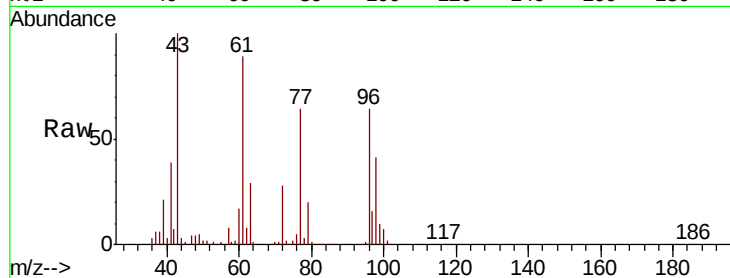
VSTDCCC050EC

Tot Ion: 43 Resp: 945609

Ion Ratio Lower Upper

43 100

72 27.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 46.636 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052875.D

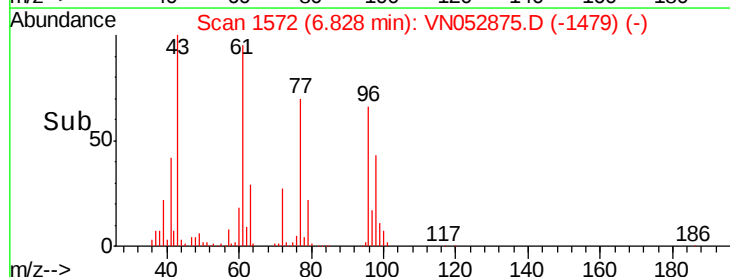
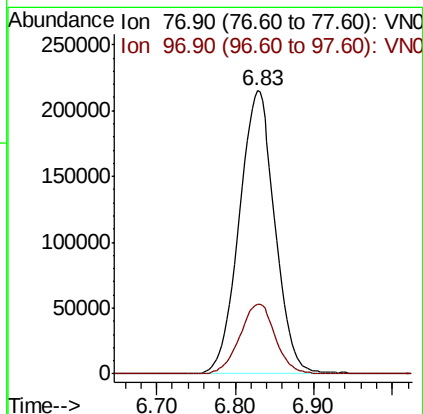
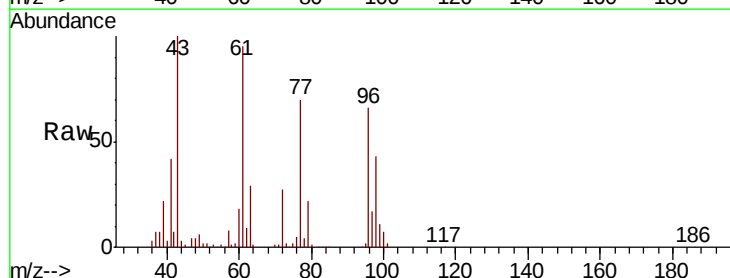
Acq: 13 Dec 2018 20:01

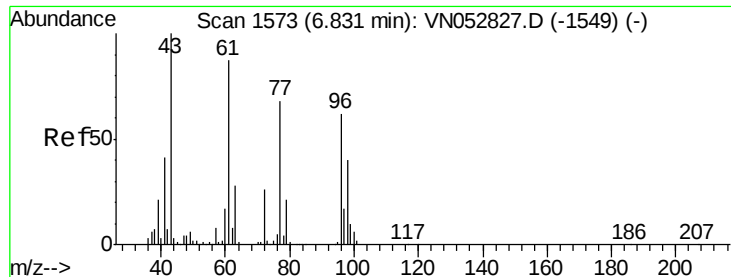
Tgt Ion: 77 Resp: 684542

Ion Ratio Lower Upper

77 100

97 24.7 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 50.134 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

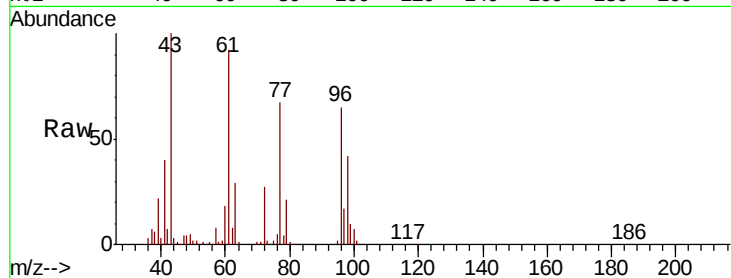
Tot Ion: 96 Resp: 611478

Ion Ratio Lower Upper

96 100

61 140.7 0.0 284.2

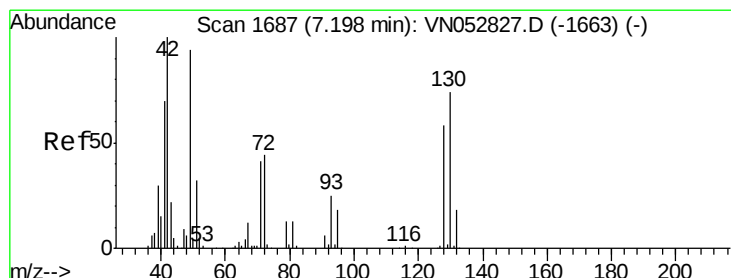
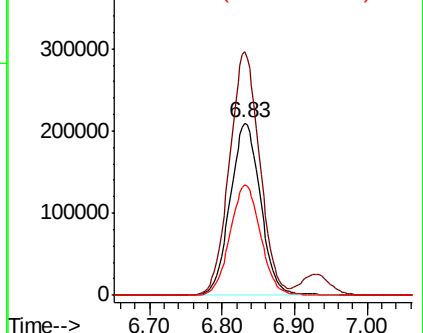
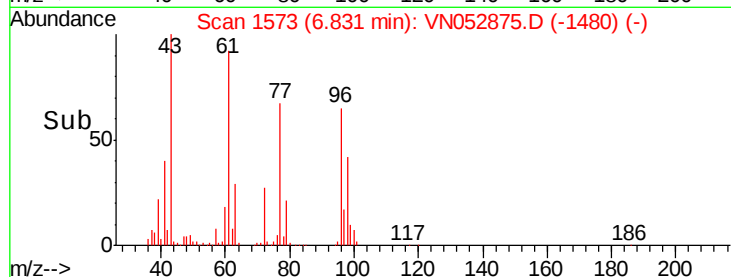
98 64.8 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 50.314 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

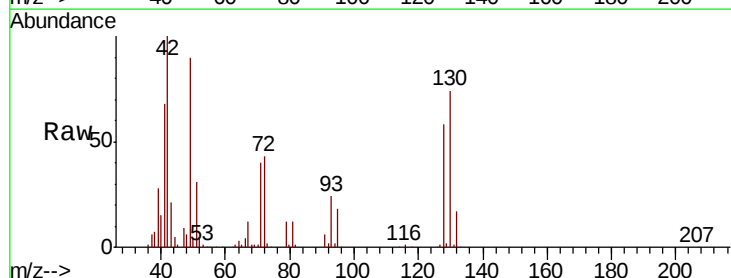
Tgt Ion: 49 Resp: 450334

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

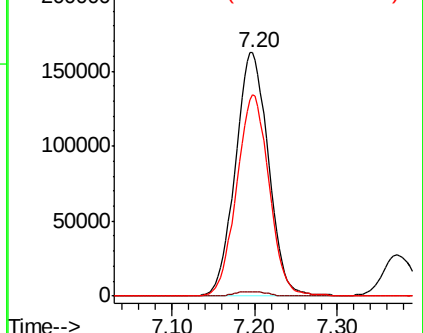
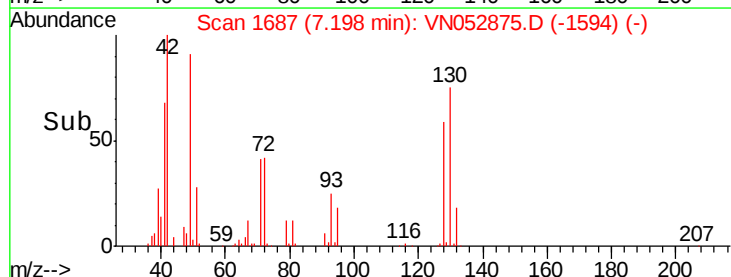
130 81.2 63.3 94.9

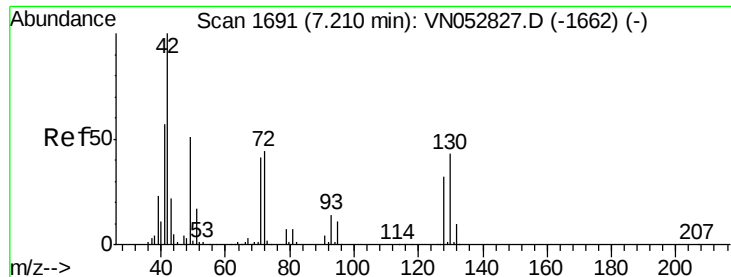


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

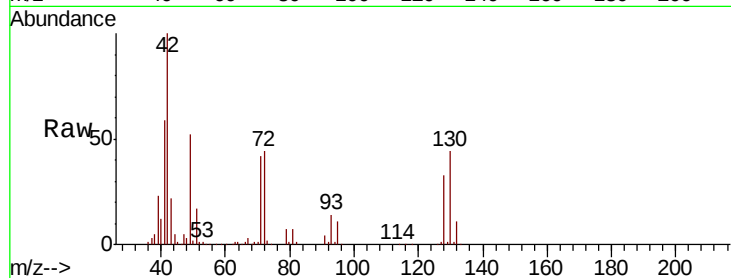




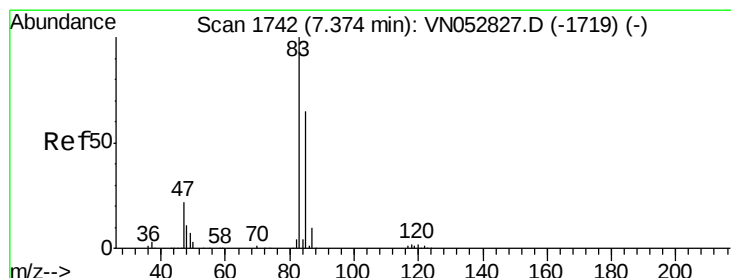
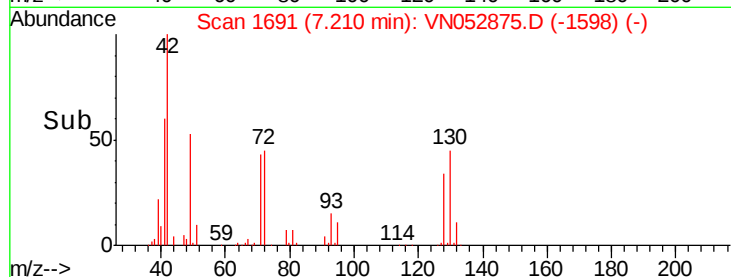
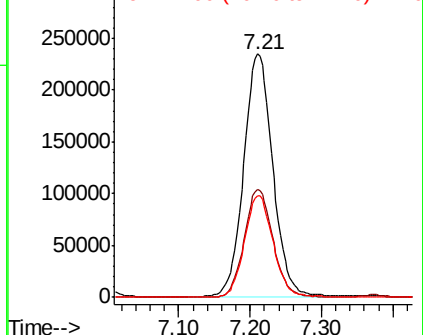
#29
Tetrahydrofuran
Concen: 244.848 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 668244
Ion Ratio Lower Upper
42 100
72 43.7 34.7 52.1
71 40.9 32.3 48.5

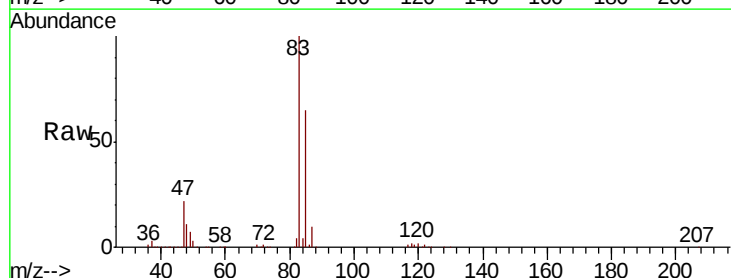


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

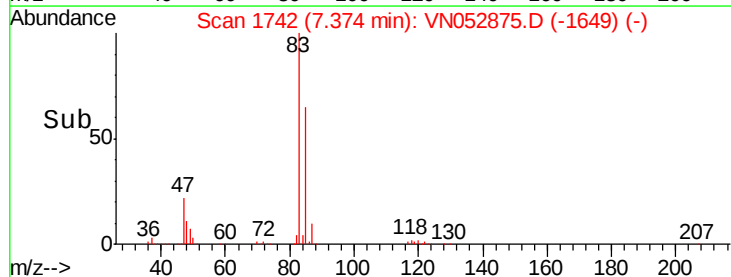
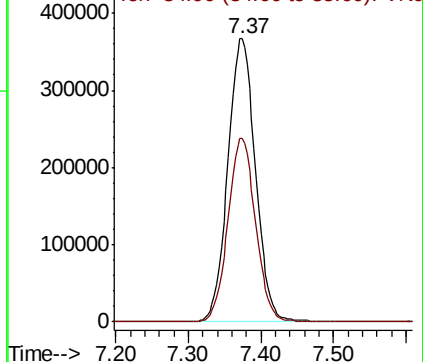


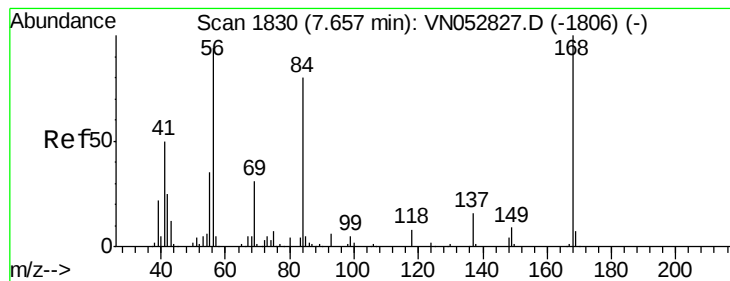
#30
Chloroform
Concen: 50.044 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion: 83 Resp: 972705
Ion Ratio Lower Upper
83 100
85 64.8 52.1 78.1



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





#31

Cyclohexane

Concen: 47.523 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

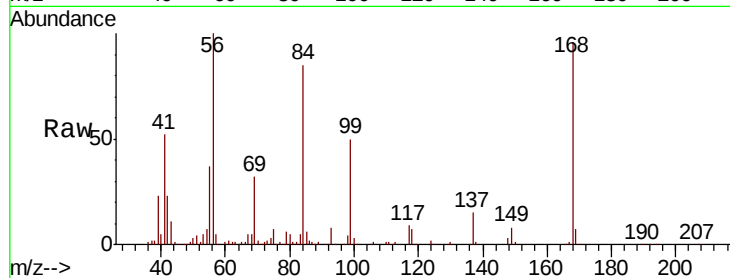
Tot Ion: 56 Resp: 924393

Ion Ratio Lower Upper

56 100

69 32.0 26.6 39.8

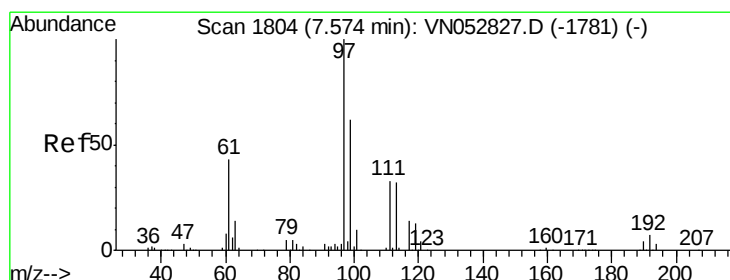
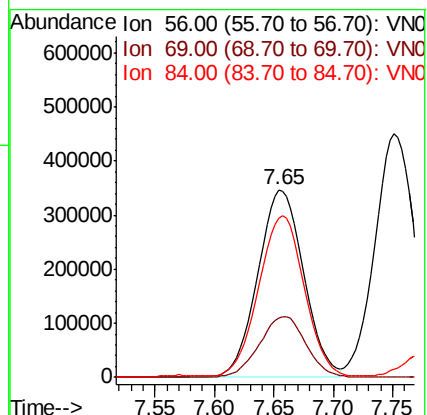
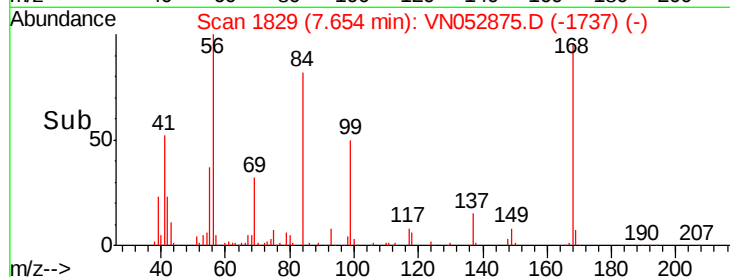
84 83.9 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 49.955 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

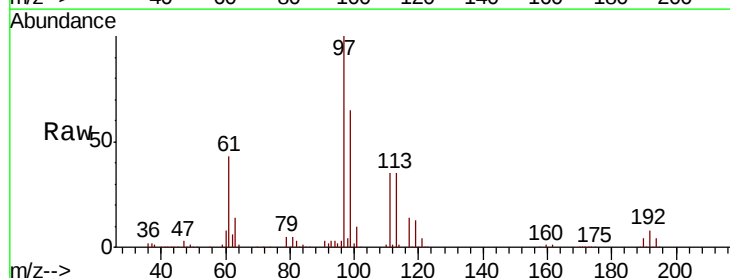
Tgt Ion: 97 Resp: 812393

Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

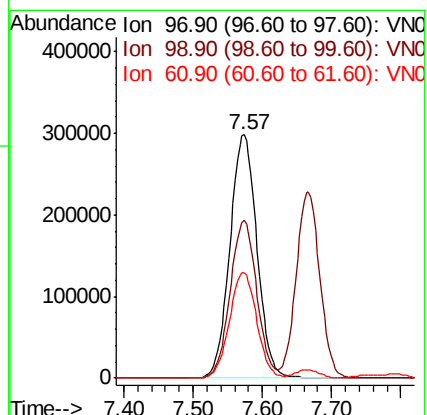
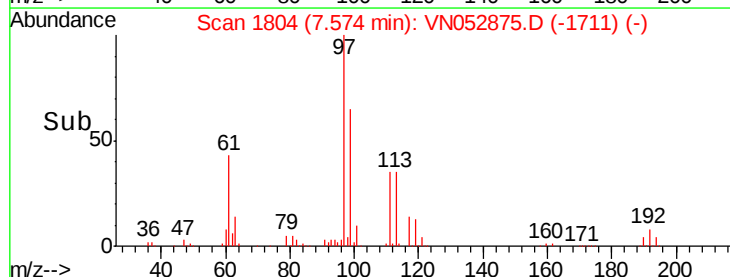
61 43.7 35.0 52.6

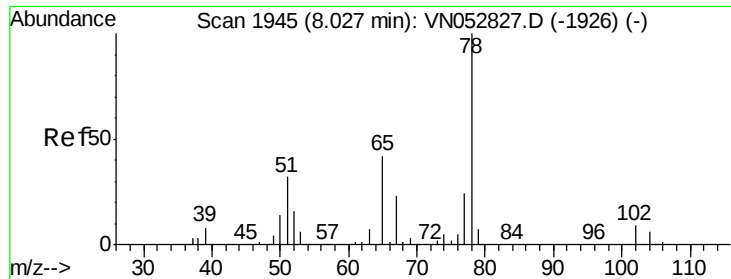


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

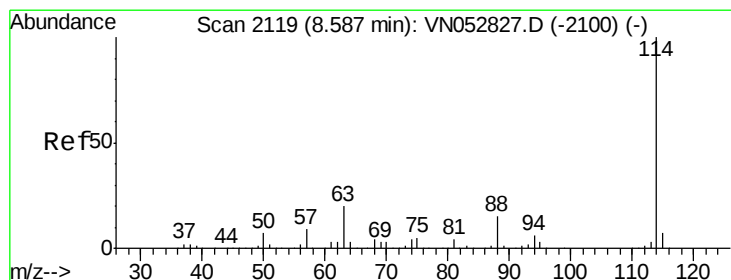
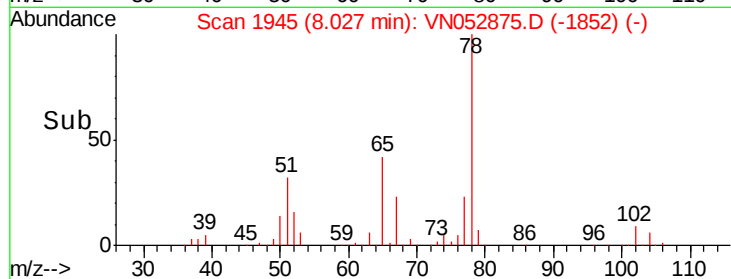
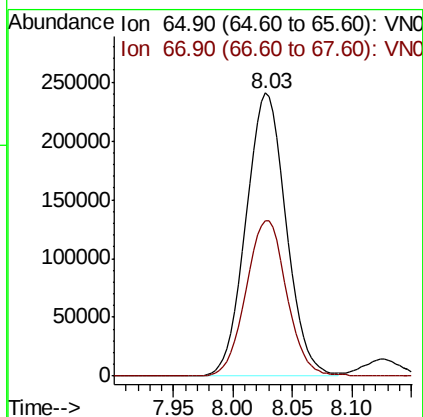
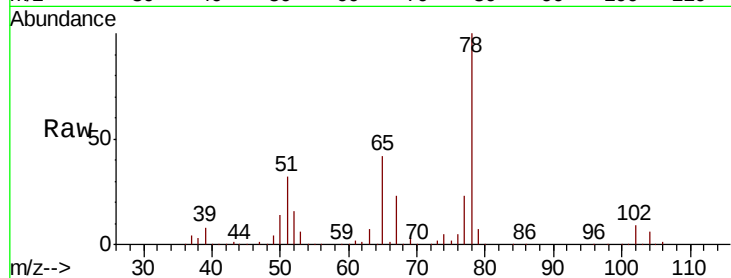




#33
 1,2-Dichloroethane-d4
 Concen: 49.955 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

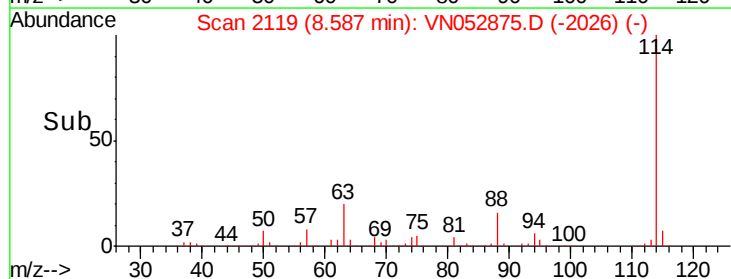
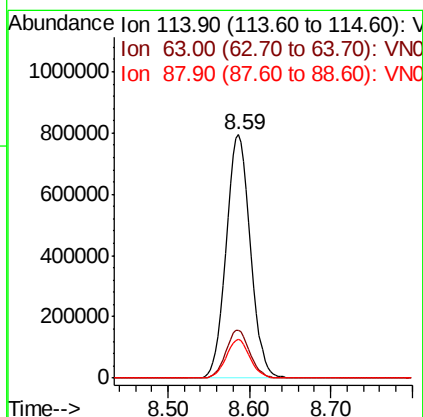
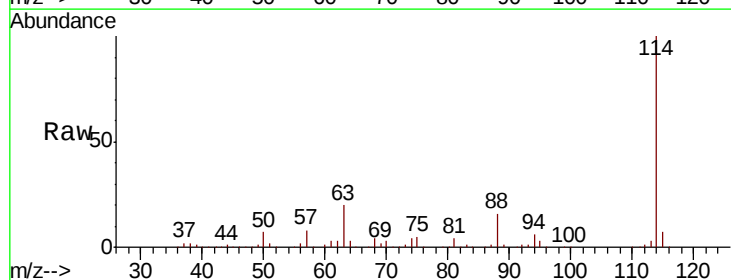
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

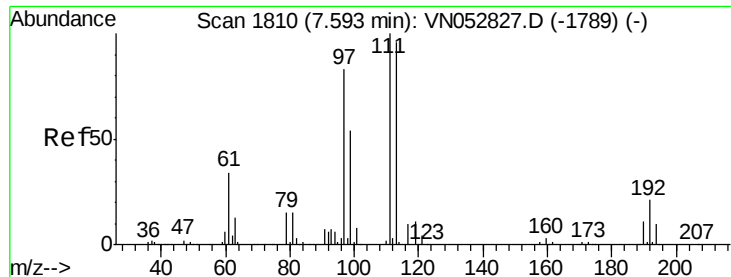
Tot Ion: 65 Resp: 563292
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Tgt Ion: 114 Resp: 1661664
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.8 0.0 31.0

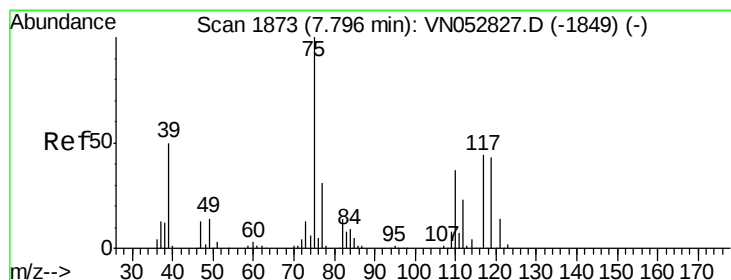
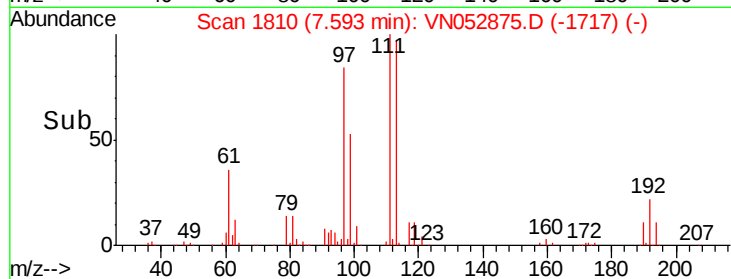
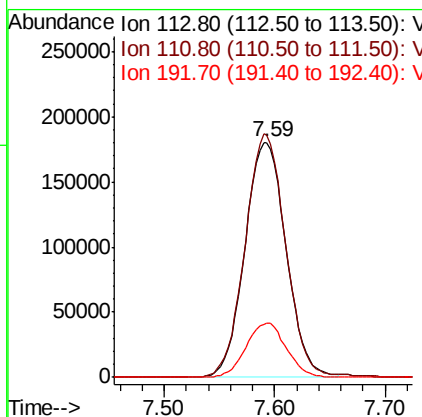
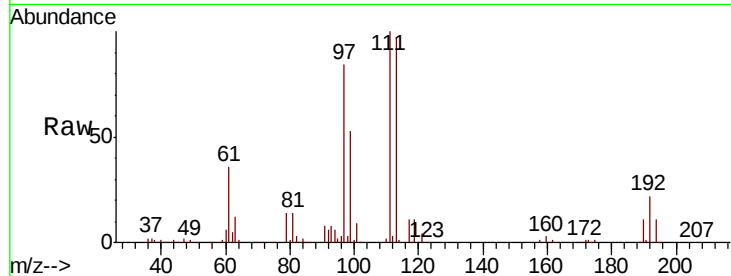




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

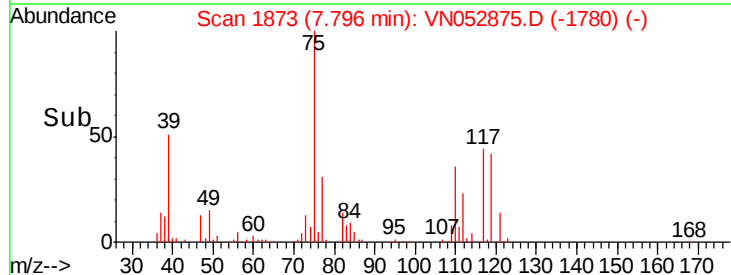
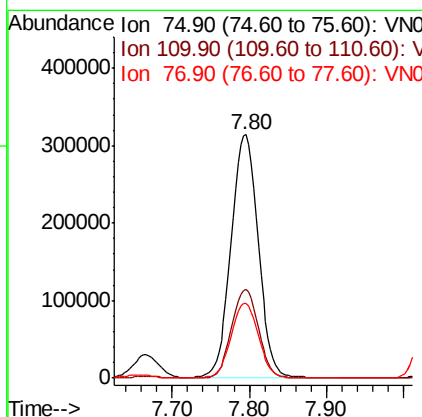
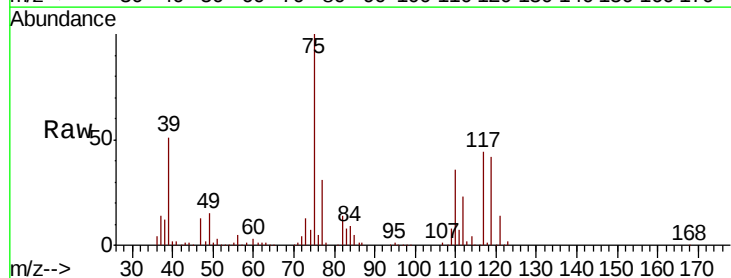
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

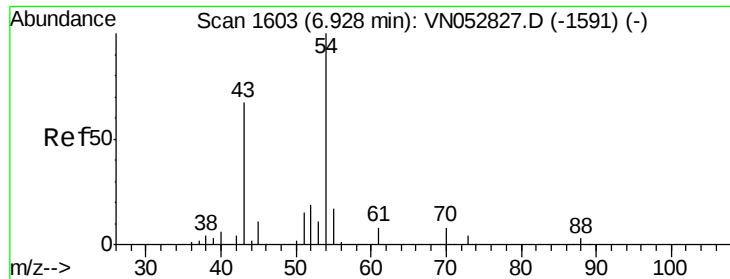
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.4
192	22.6	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 50.072 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.2	54.6
77	31.1	24.9	37.3

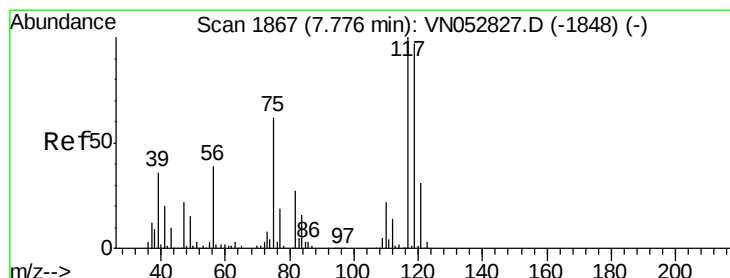
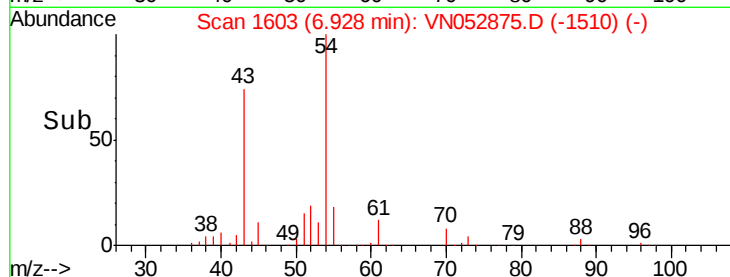
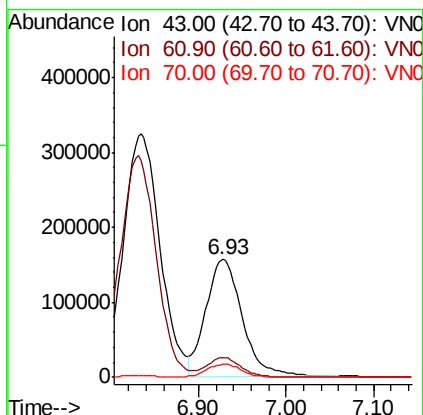
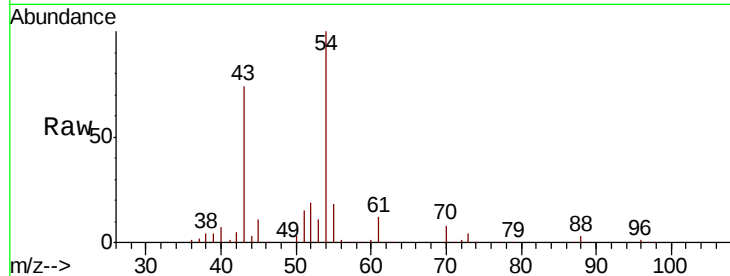




#37
Ethyl Acetate
Concen: 49.168 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

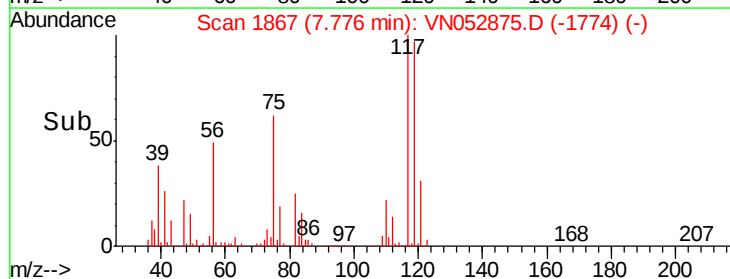
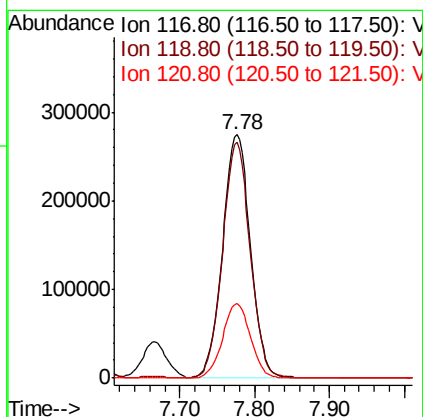
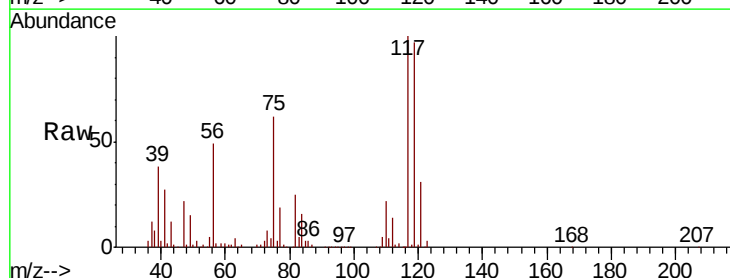
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

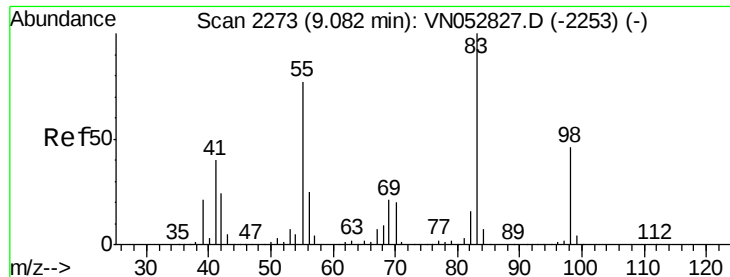
Tot Ion: 43 Resp: 451969
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 10.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 50.248 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion: 117 Resp: 707712
Ion Ratio Lower Upper
117 100
119 96.7 77.1 115.7
121 30.6 24.9 37.3

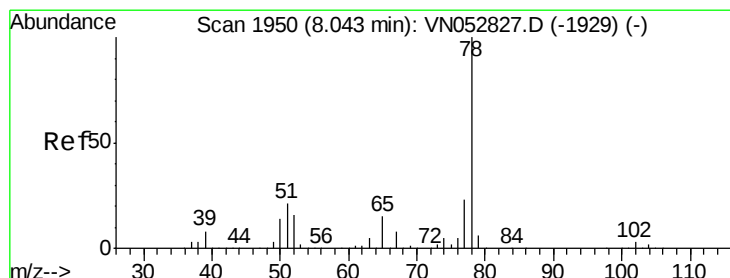
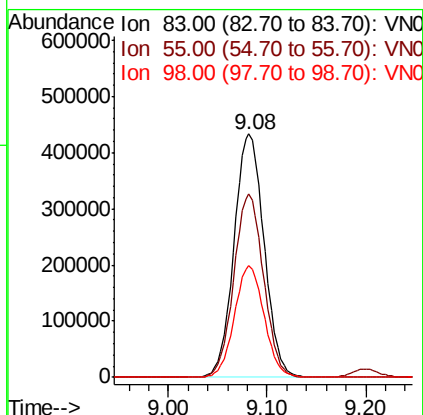
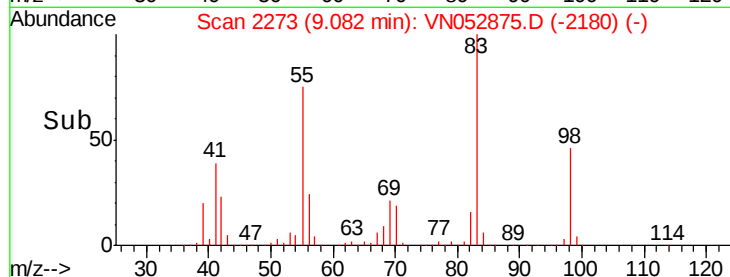
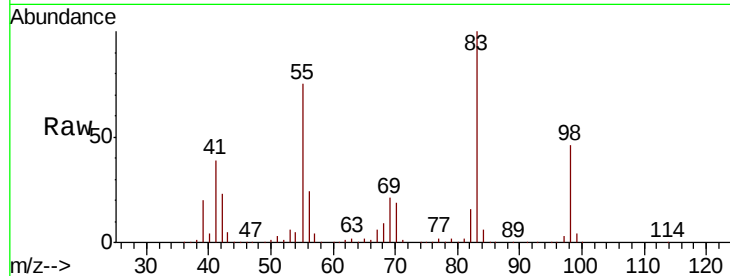




#39
Methvlcvclohexane
Concen: 48.717 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

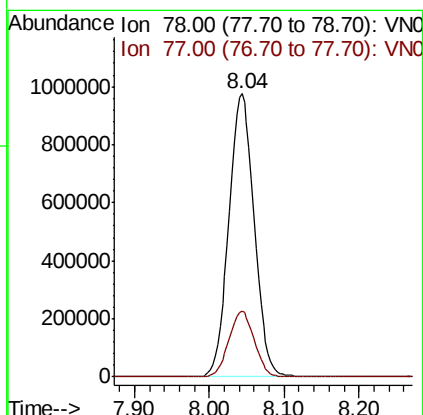
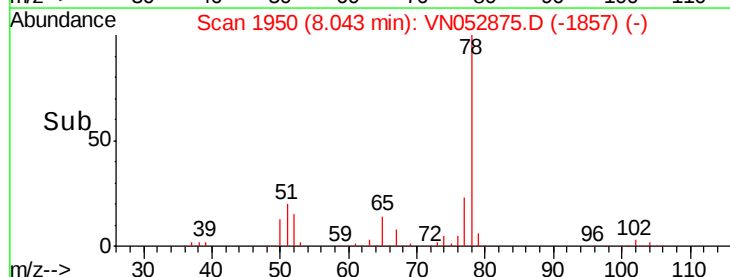
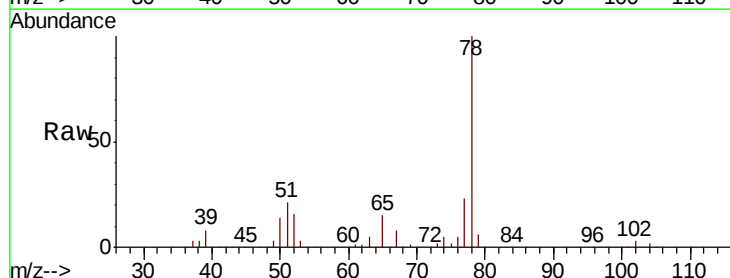
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

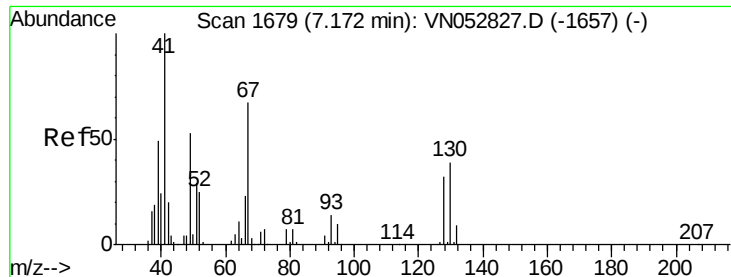
Tot Ion: 83 Resp: 914789
Ion Ratio Lower Upper
83 100
55 75.1 61.3 91.9
98 45.7 37.0 55.4



#40
Benzene
Concen: 49.972 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion: 78 Resp: 2295017
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7

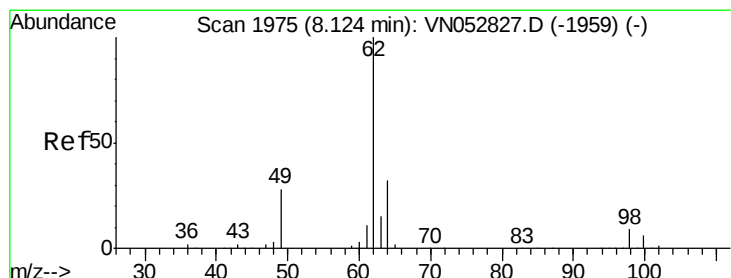
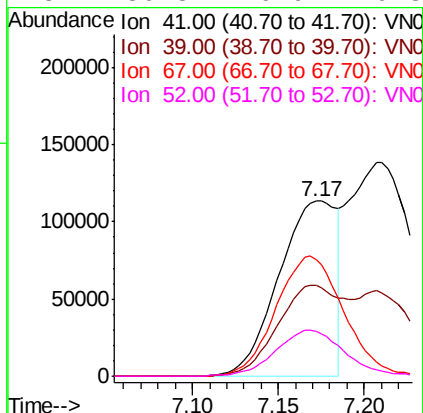
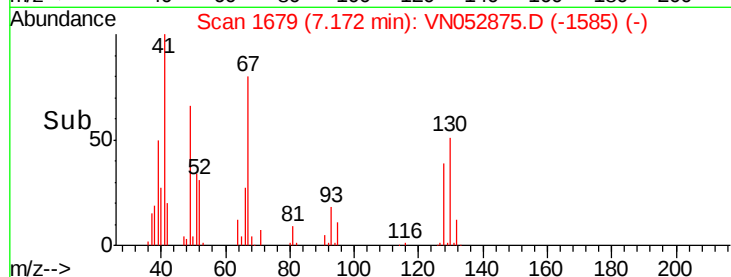
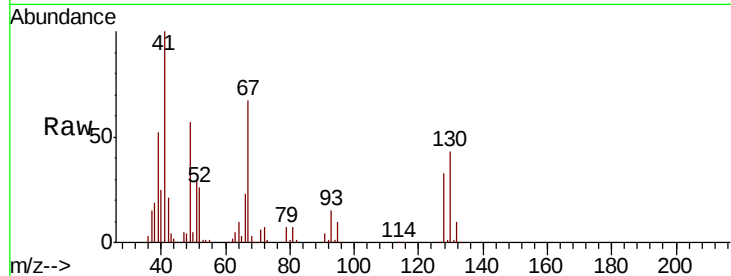




#41
Methacrylonitrile
Concen: 51.946 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

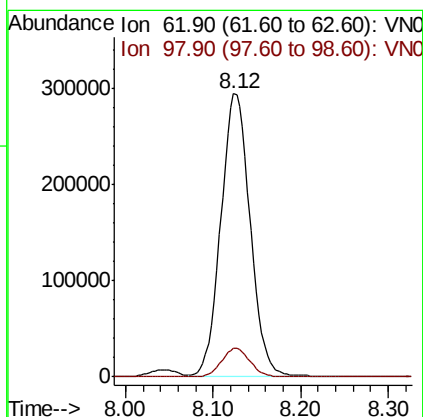
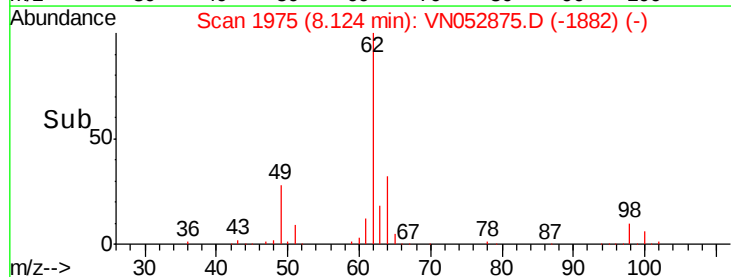
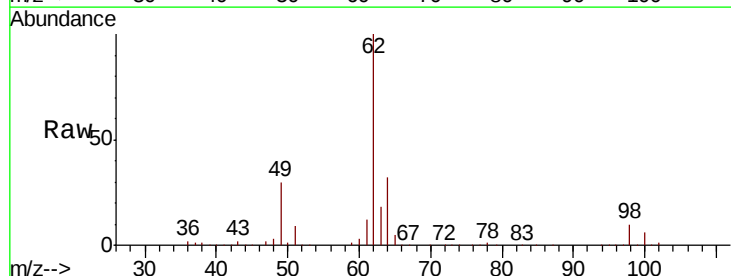
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

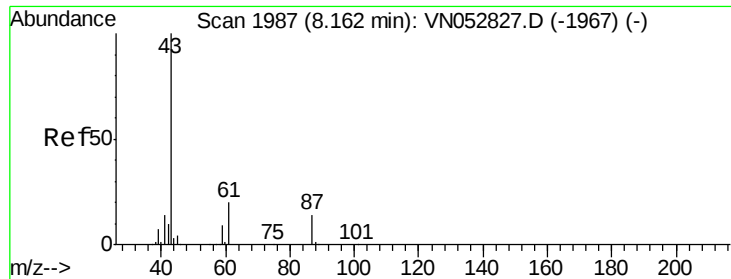
Tot Ion: 41 Resp: 264571
Ion Ratio Lower Upper
41 100
39 62.5 48.0 72.0
67 80.9 70.3 105.5
52 30.8 26.9 40.3



#42
1,2-Dichloroethane
Concen: 49.646 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion: 62 Resp: 686423
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.0





#43

Isopropyl Acetate

Concen: 45.319 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

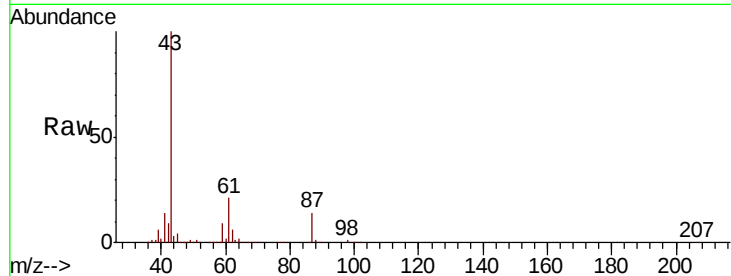
Tot Ion: 43 Resp: 854119

Ion Ratio Lower Upper

43 100

61 28.8 22.9 34.3

87 13.0 10.6 15.8

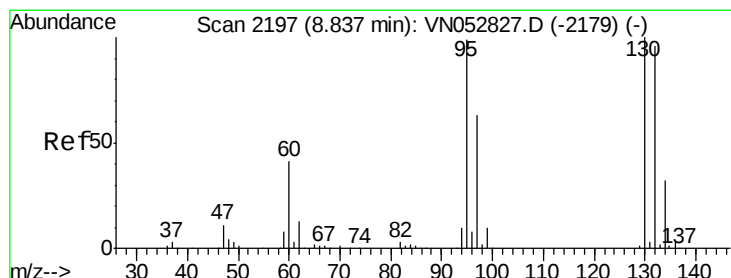
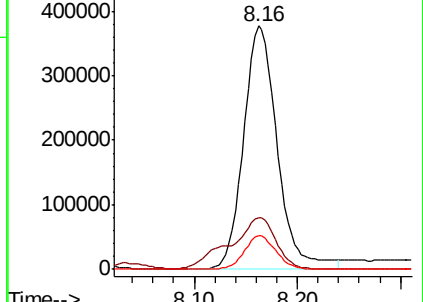
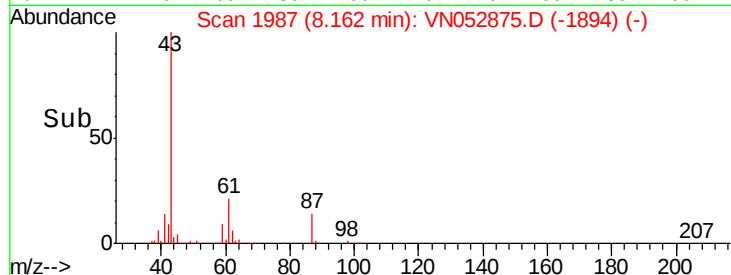


Abundance Ion 43.00 (42.70 to 43.70): VN052827.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052827.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052827.D (-1967) (-)

Time-->



#44

Trichloroethene

Concen: 49.732 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052875.D

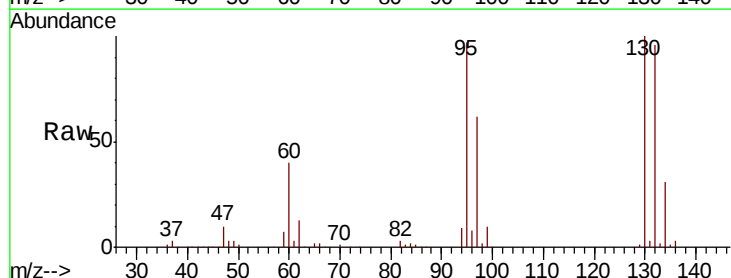
Acq: 13 Dec 2018 20:01

Tgt Ion: 130 Resp: 616929

Ion Ratio Lower Upper

130 100

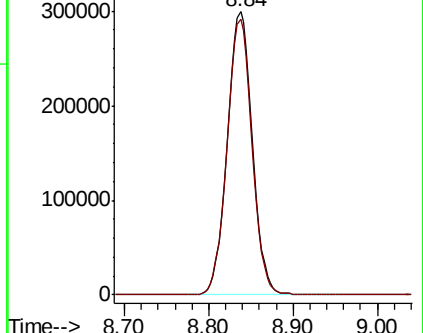
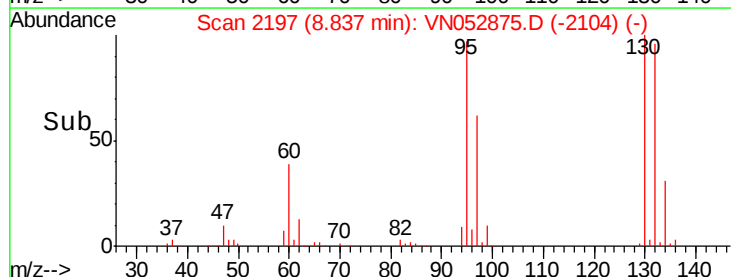
95 97.4 0.0 197.8

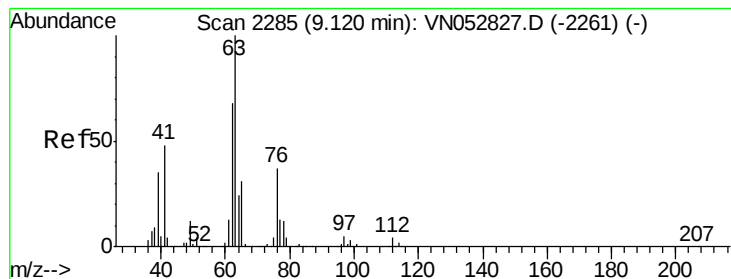


Abundance Ion 129.80 (129.50 to 130.50): VN052827.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052827.D (-2179) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 49.925 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

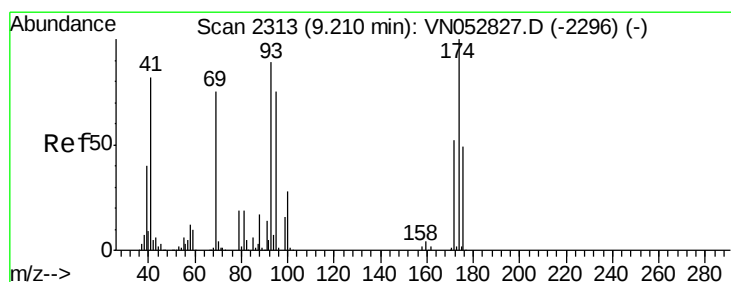
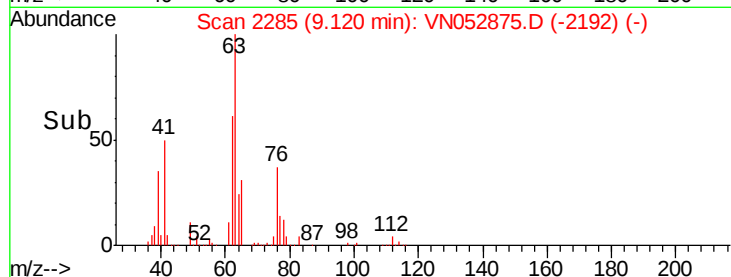
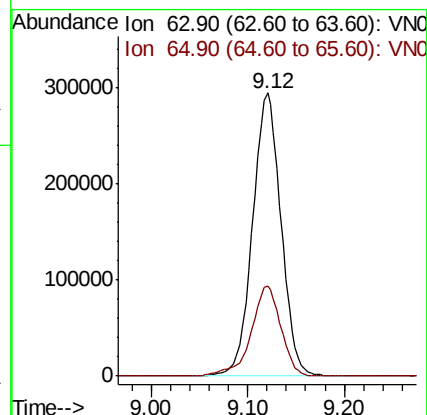
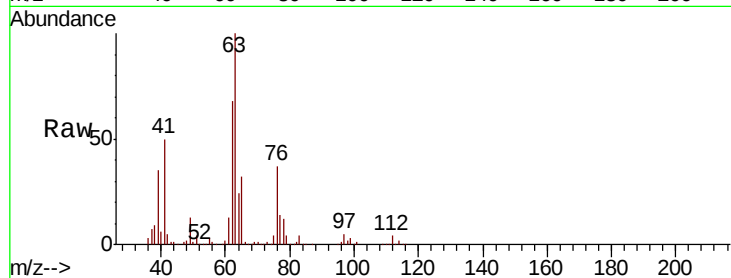
VSTDCCC050EC

Tot Ion: 63 Resp: 600557

Ion Ratio Lower Upper

63 100

65 31.8 24.6 37.0



#46

Dibromomethane

Concen: 49.526 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

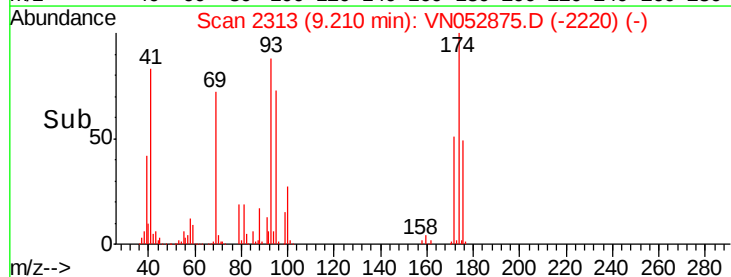
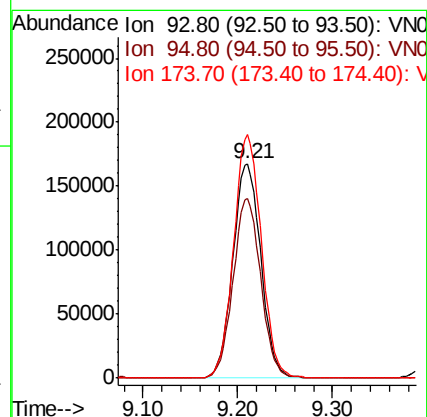
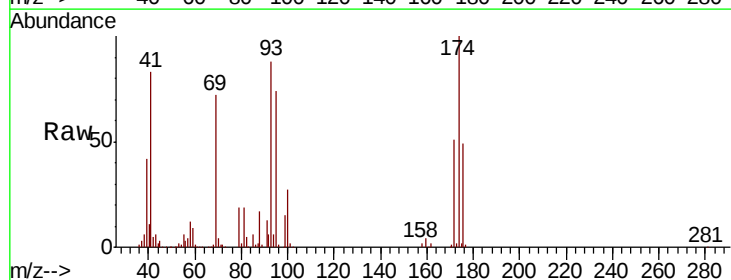
Tgt Ion: 93 Resp: 345510

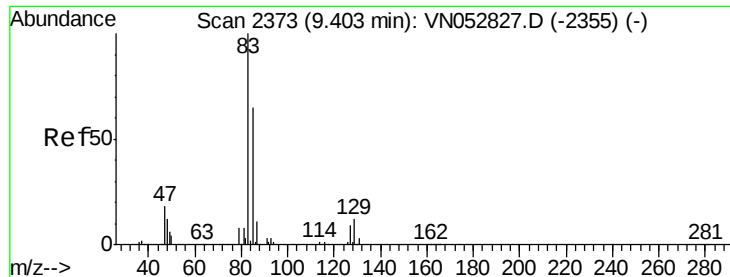
Ion Ratio Lower Upper

93 100

95 82.9 67.8 101.6

174 112.4 89.0 133.4





#47

Bromodichloromethane

Concen: 50.539 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

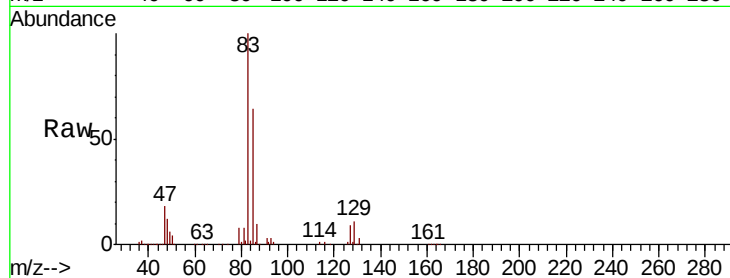
Tot Ion: 83 Resp: 731136

Ion Ratio Lower Upper

83 100

85 63.7 51.6 77.4

127 8.8 7.1 10.7

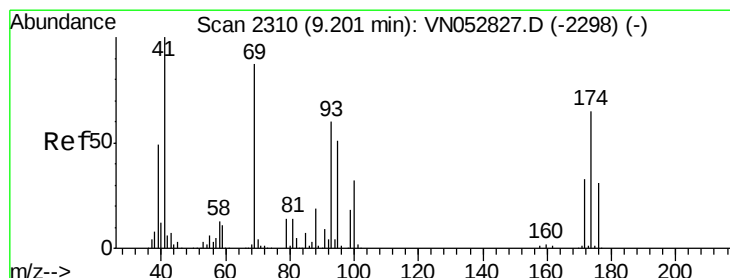
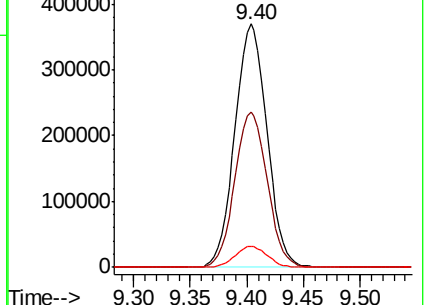
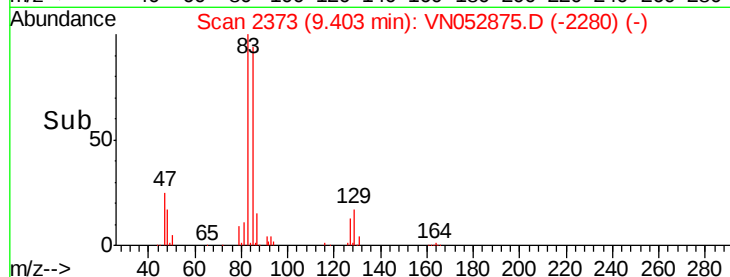


Abundance Ion 82.90 (82.60 to 83.60): VN052827.D (-2355) (-)

Ion 84.90 (84.60 to 85.60): VN052827.D (-2355) (-)

Ion 126.80 (126.50 to 127.50): VN052827.D (-2355) (-)

Time-->



#48

Methyl methacrylate

Concen: 51.215 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

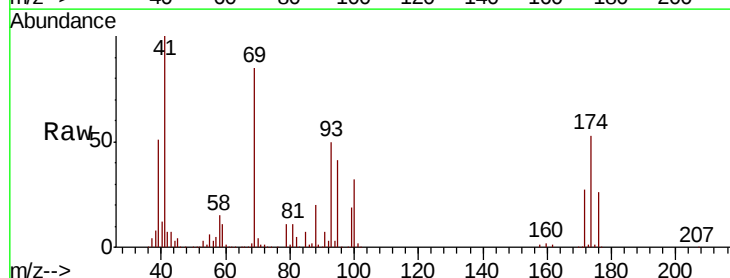
Tgt Ion: 41 Resp: 423296

Ion Ratio Lower Upper

41 100

69 88.9 72.2 108.2

39 53.4 41.9 62.9

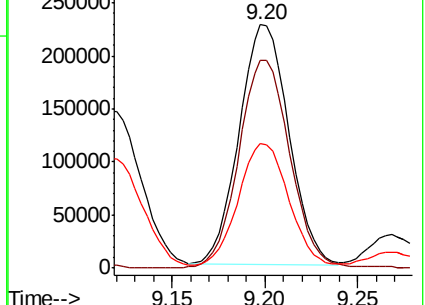
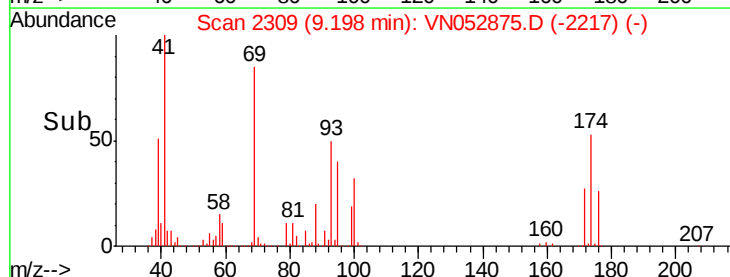


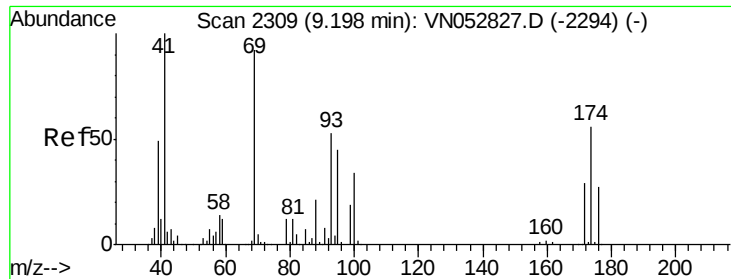
Abundance Ion 41.00 (40.70 to 41.70): VN052827.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN052827.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN052827.D (-2298) (-)

Time-->

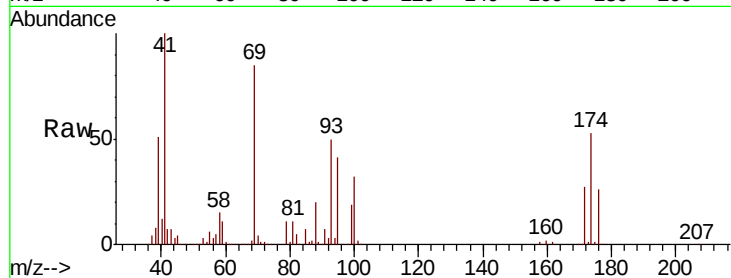




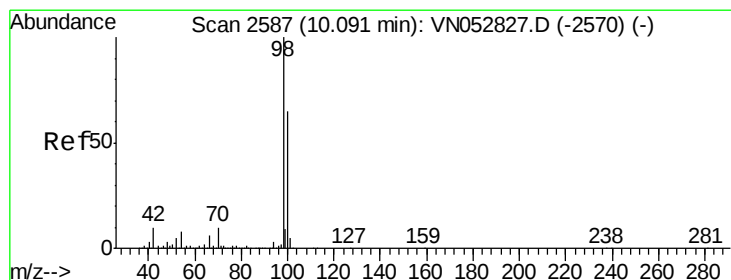
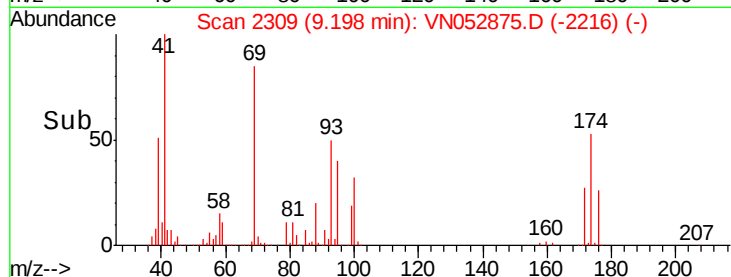
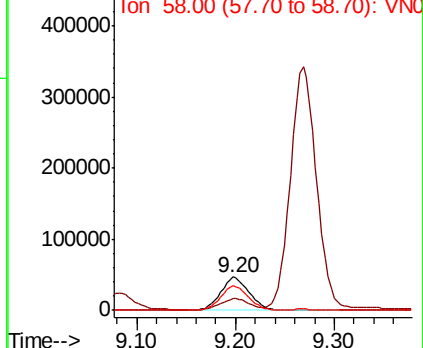
#49
1,4-Dioxane
Concen: 1015.039 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 95227
Ion Ratio Lower Upper
88 100
43 32.3 26.6 40.0
58 72.1 58.4 87.6

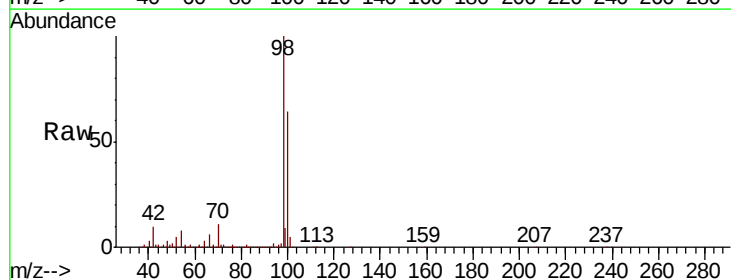


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

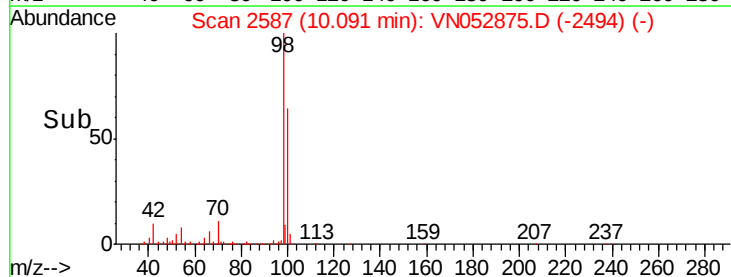
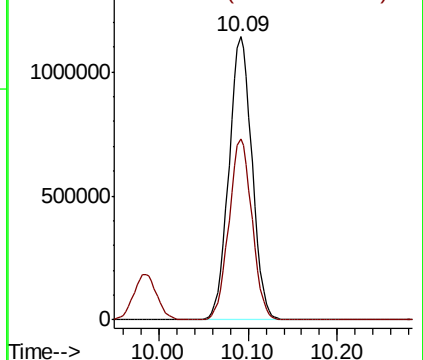


#50
Toluene-d8
Concen: 1015.039 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion: 98 Resp: 2043648
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



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

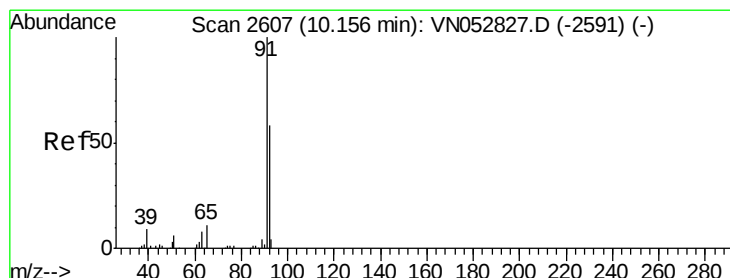
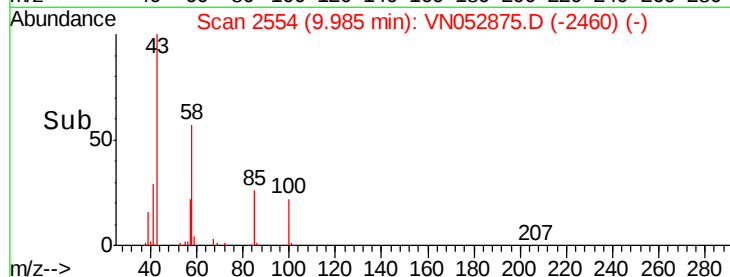
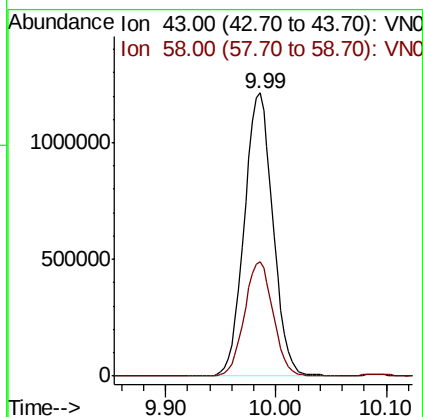
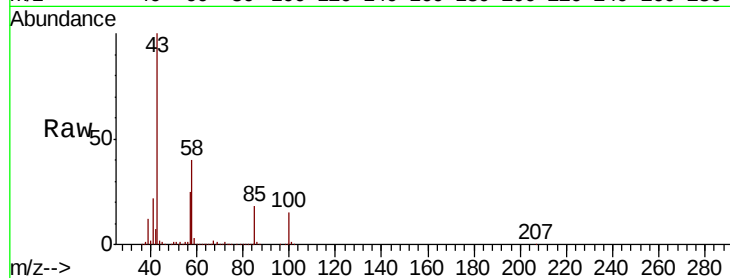




#51
4-Methyl-2-Pentanone
Concen: 251.905 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

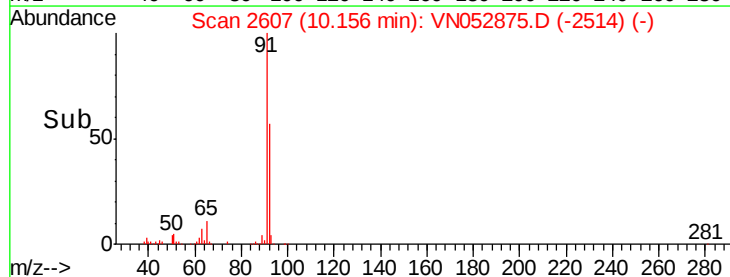
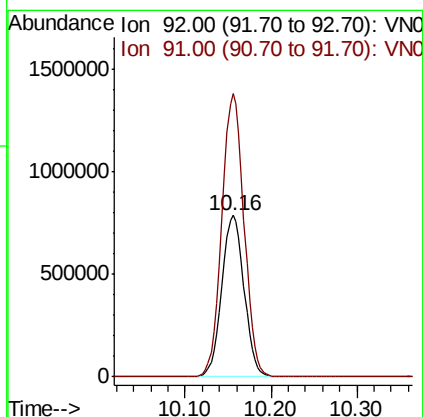
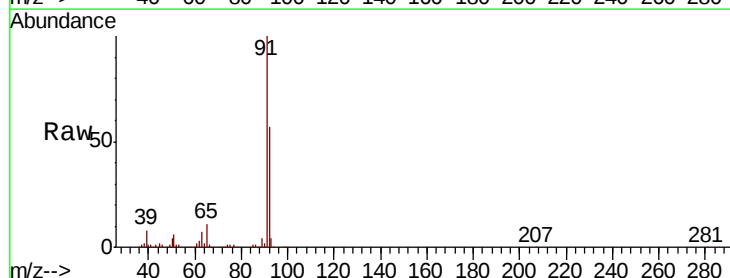
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

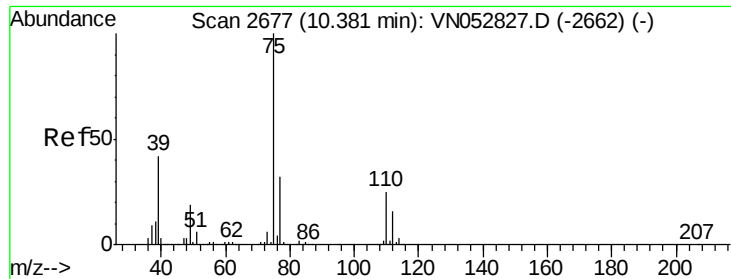
Tot Ion: 43 Resp: 2176972
Ion Ratio Lower Upper
43 100
58 40.5 32.2 48.4



#52
Toluene
Concen: 50.798 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion: 92 Resp: 1412976
Ion Ratio Lower Upper
92 100
91 175.1 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 50.920 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

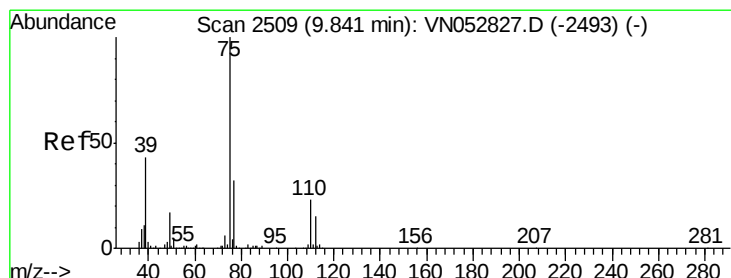
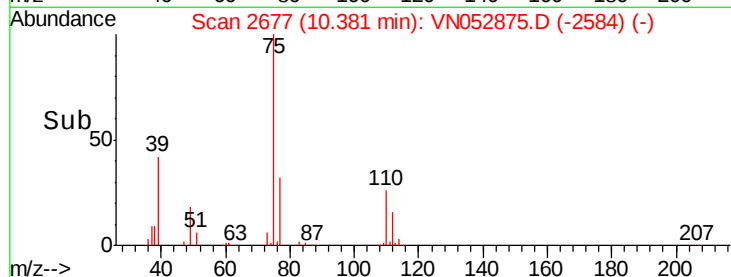
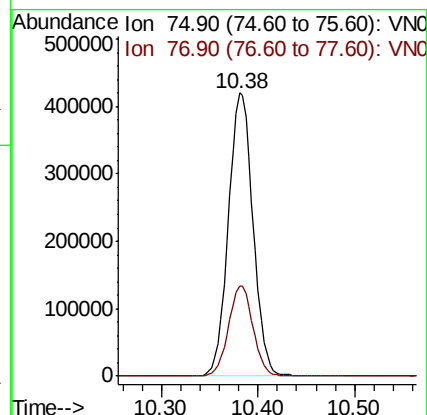
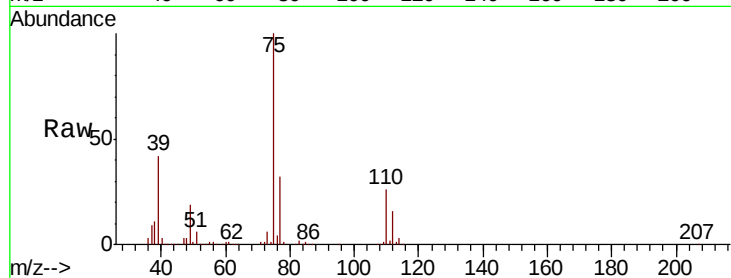
VSTDCCC050EC

Tot Ion: 75 Resp: 741264

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 50.671 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

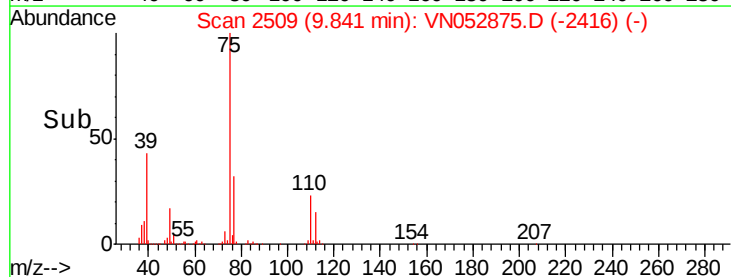
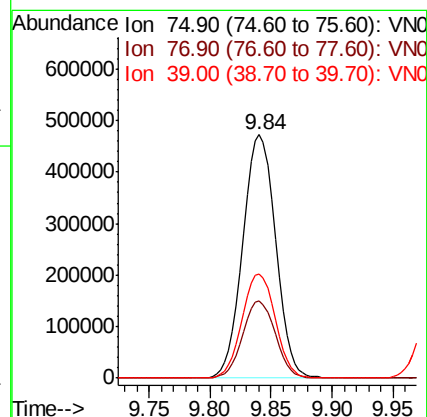
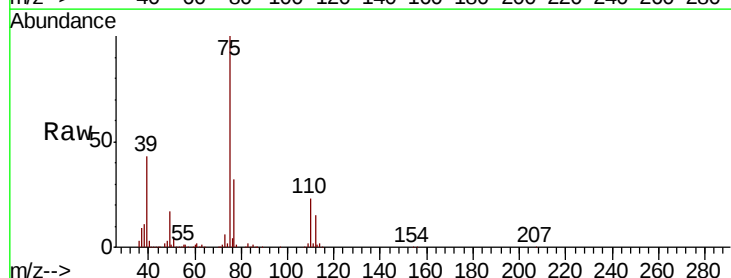
Tgt Ion: 75 Resp: 878993

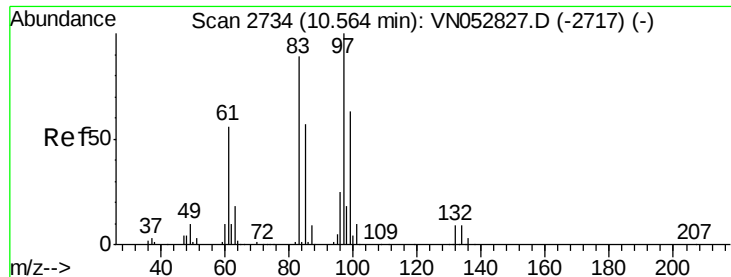
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

39 42.6 34.8 52.2

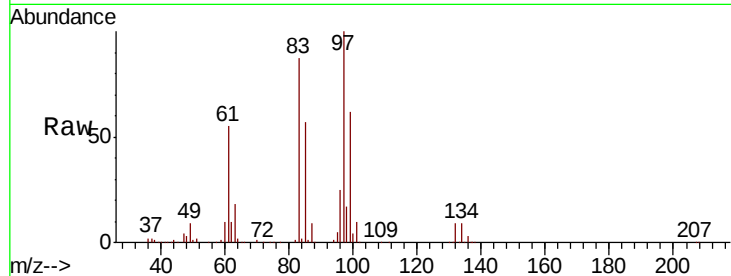




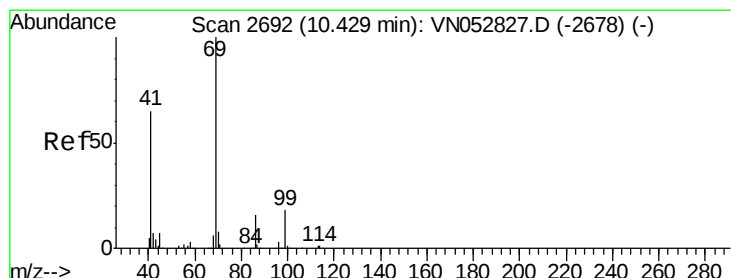
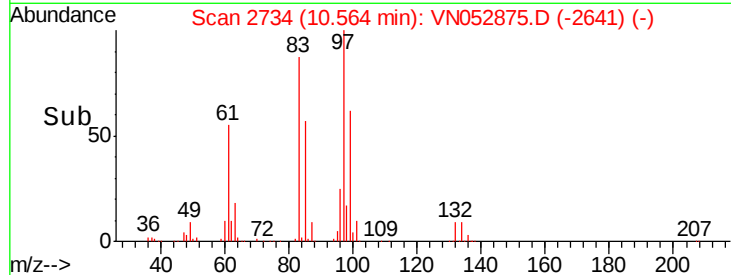
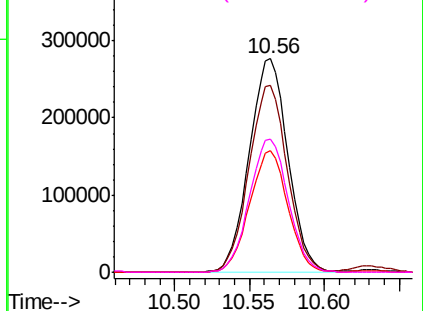
#55
 1,1,2-Trichloroethane
 Concen: 50.148 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	497936
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.9	106.3
85	57.0	45.4	68.2
99	62.5	50.4	75.6

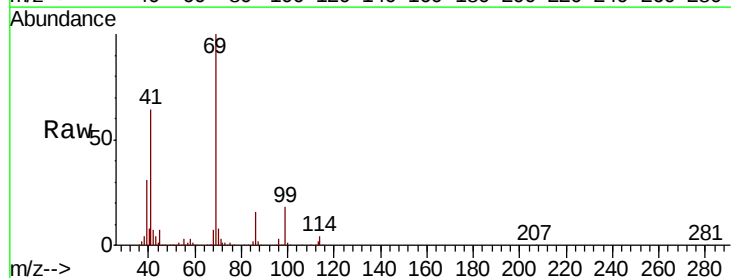


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

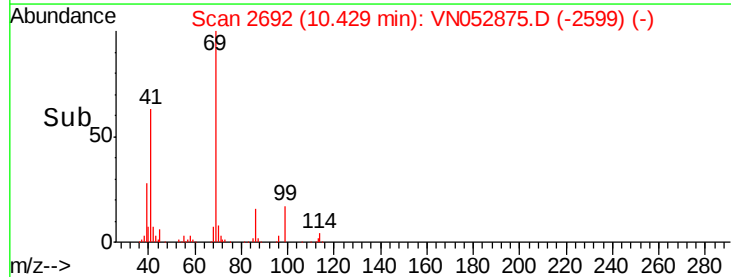
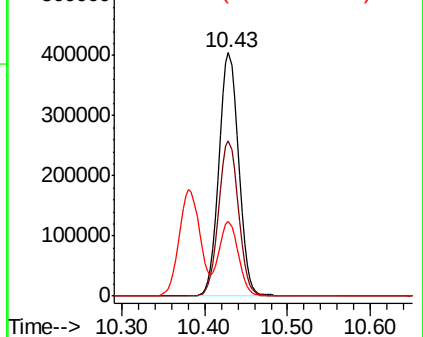


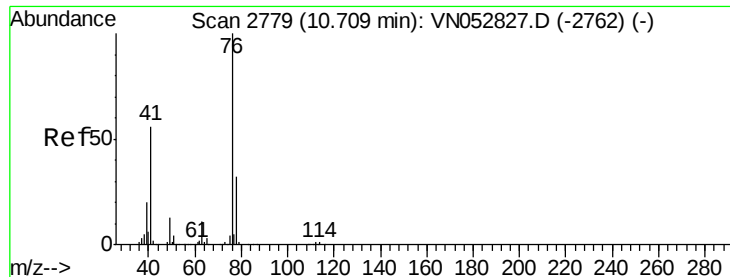
#56
 Ethyl methacrylate
 Concen: 52.059 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Tgt Ion:	69	Resp:	663381
Ion	Ratio	Lower	Upper
69	100		
41	63.5	51.7	77.5
39	30.3	24.6	37.0



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





#57

1,3-Dichloropropane

Concen: 50.358 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

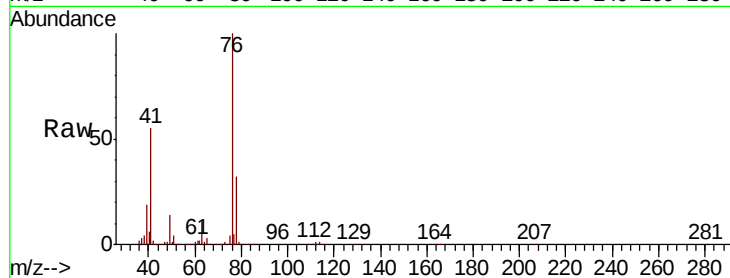
VSTDCCC050EC

Tot Ion: 76 Resp: 857465

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

500000

400000

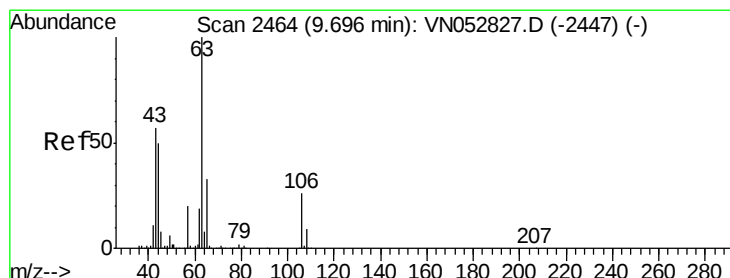
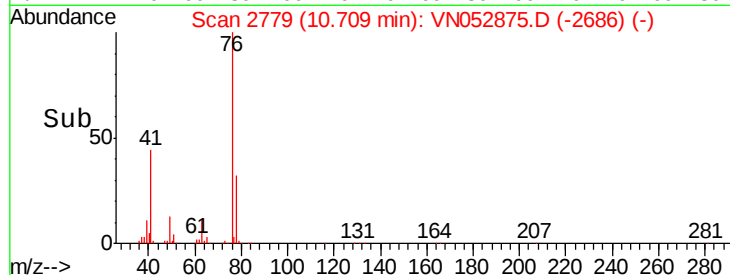
300000

200000

100000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 258.350 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052875.D

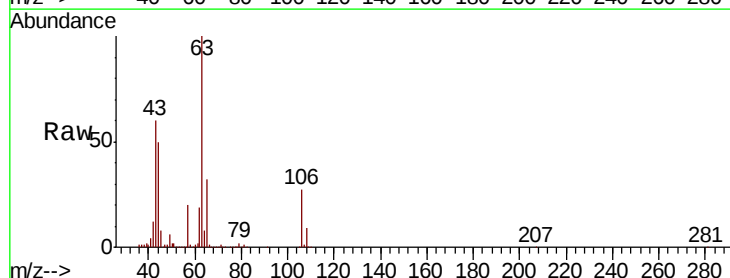
Acq: 13 Dec 2018 20:01

Tgt Ion: 63 Resp: 1836924

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

1200000

1000000

800000

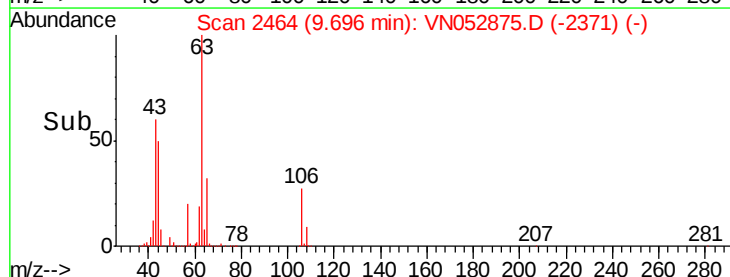
600000

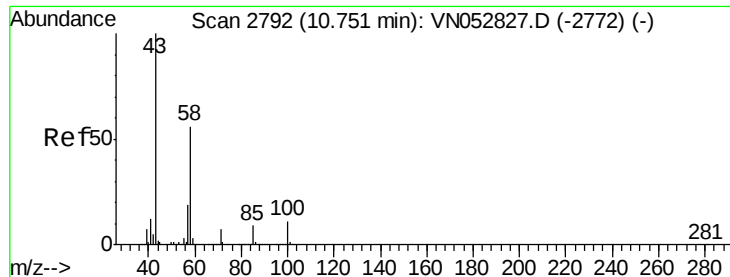
400000

200000

0

Time--> 9.60 9.70 9.80

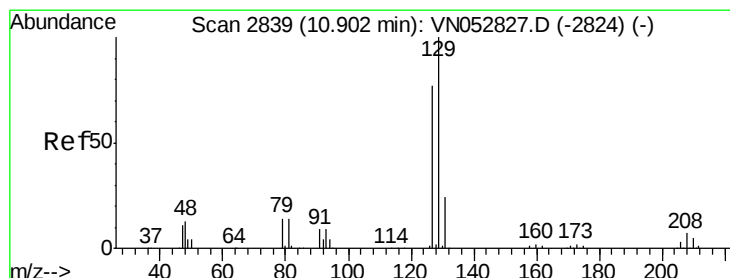
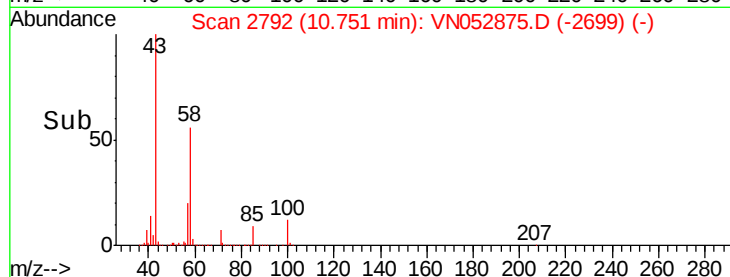
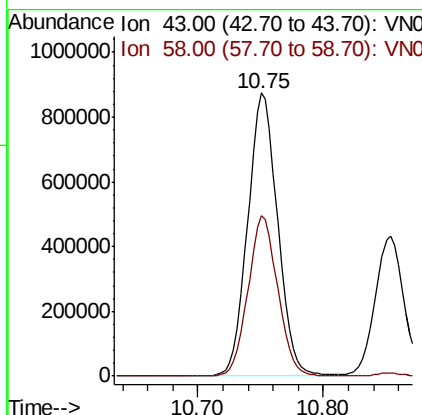
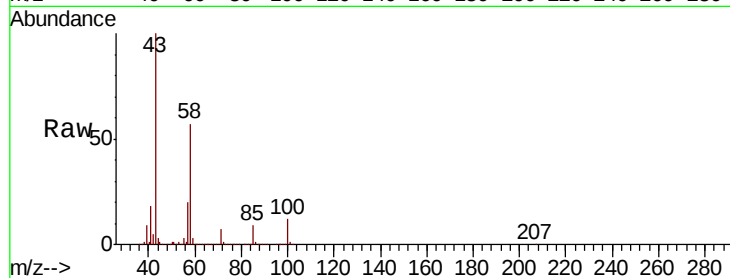




#59
2-Hexanone
Concen: 245.068 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

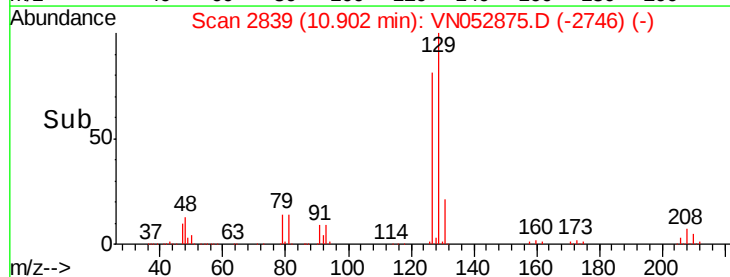
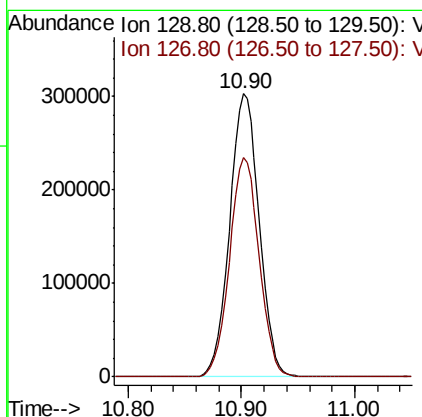
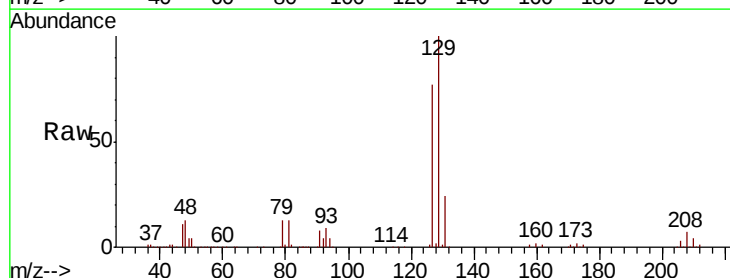
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

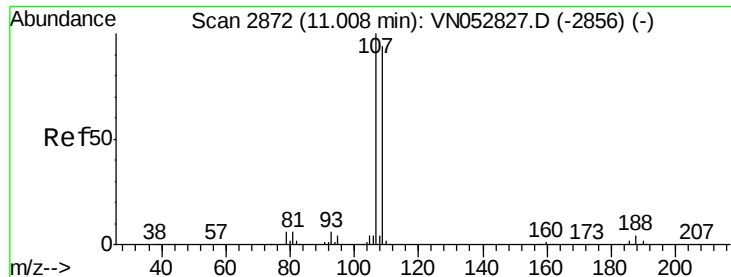
Tot Ion: 43 Resp: 1451426
Ion Ratio Lower Upper
43 100
58 56.4 28.1 84.3



#60
Dibromochloromethane
Concen: 51.170 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion: 129 Resp: 549119
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0

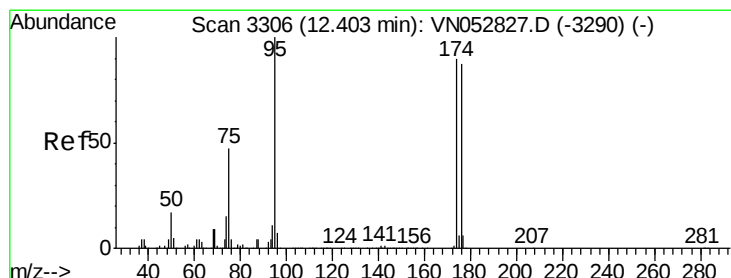
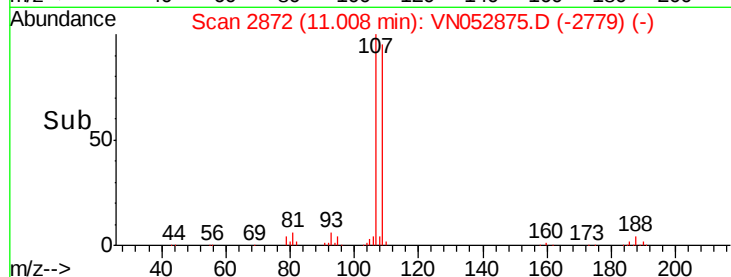
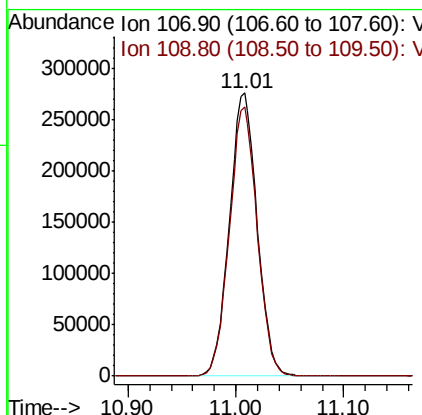
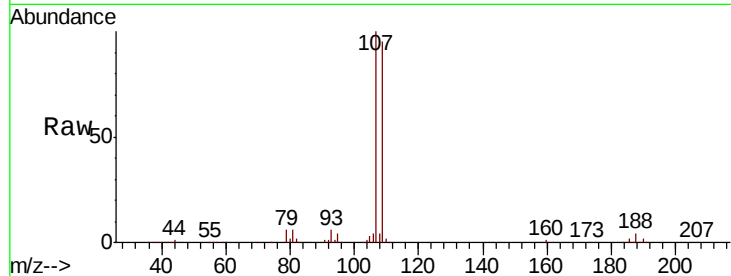




#61
 1,2-Dibromoethane
 Concen: 50.375 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

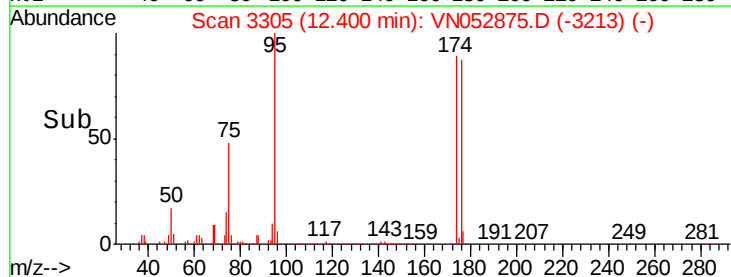
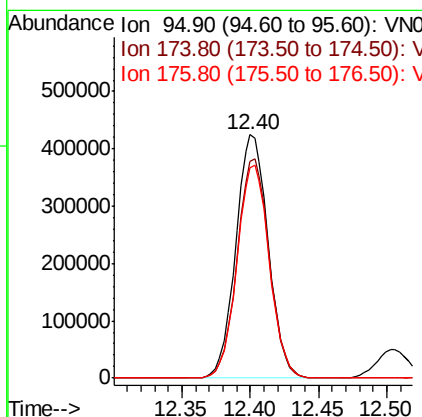
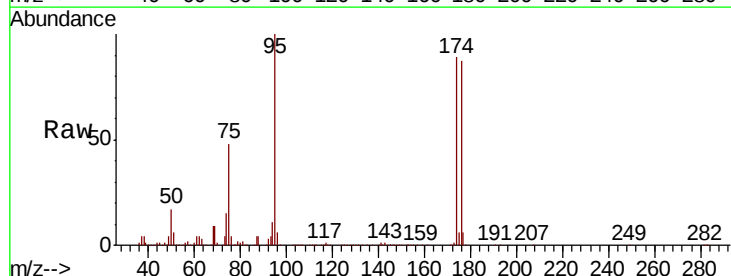
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

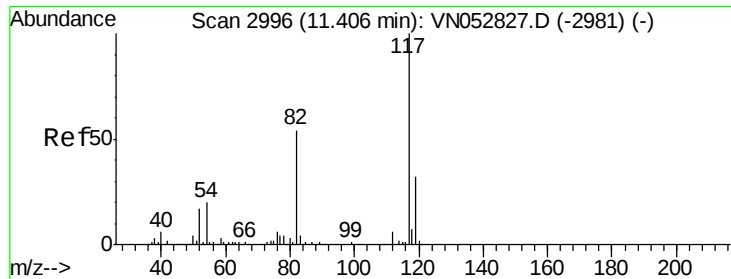
Tot Ion:107 Resp: 494426
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.375 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Tgt Ion: 95 Resp: 696837
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 178.8
 176 87.3 0.0 173.8

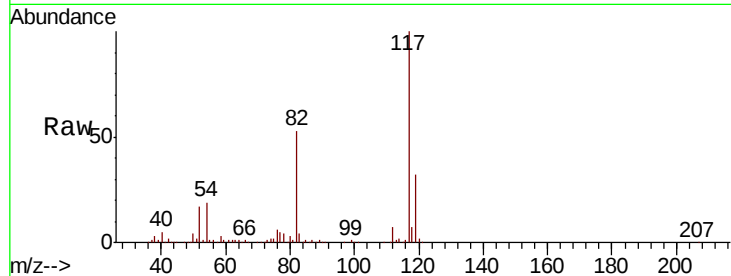




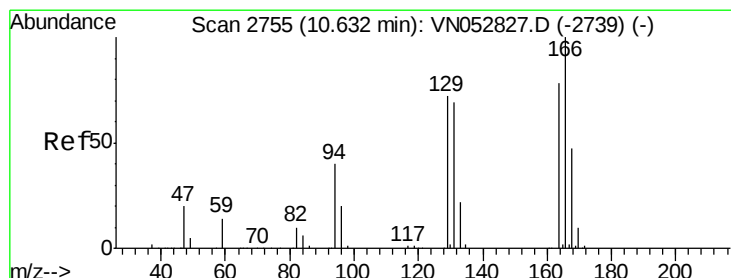
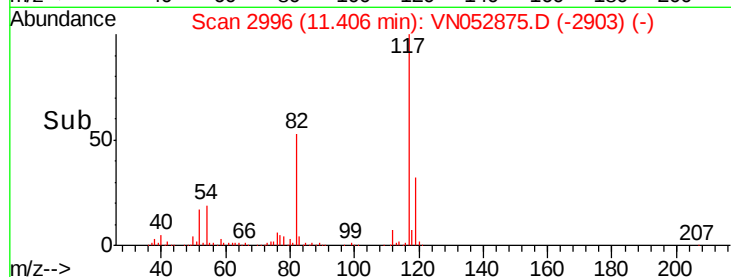
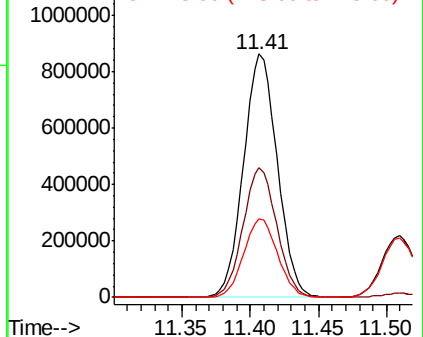
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 1483034
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.2 25.5 38.3

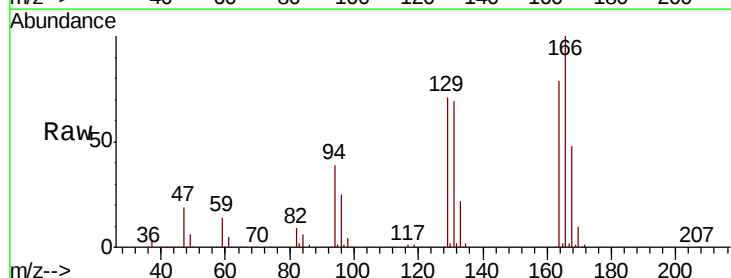


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

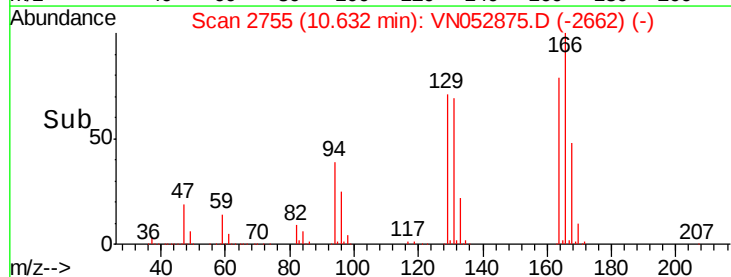
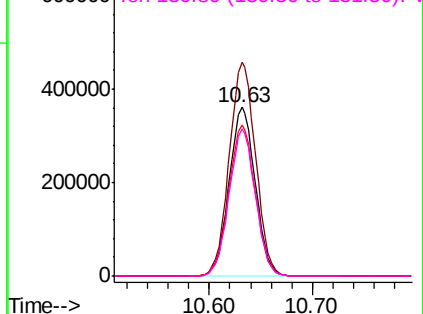


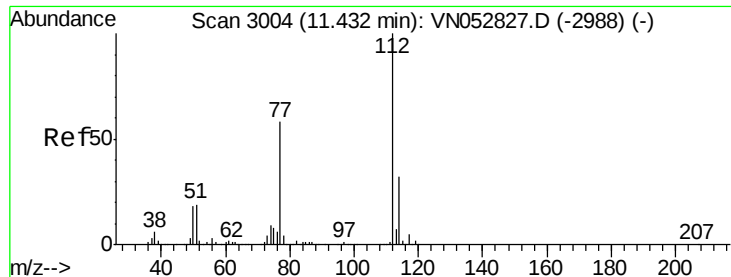
#64
Tetrachloroethene
Concen: 50.119 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion:164 Resp: 638828
Ion Ratio Lower Upper
164 100
166 126.8 102.9 154.3
129 89.5 73.7 110.5
131 87.1 70.7 106.1



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

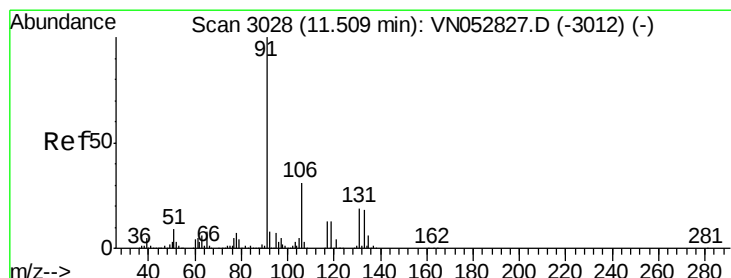
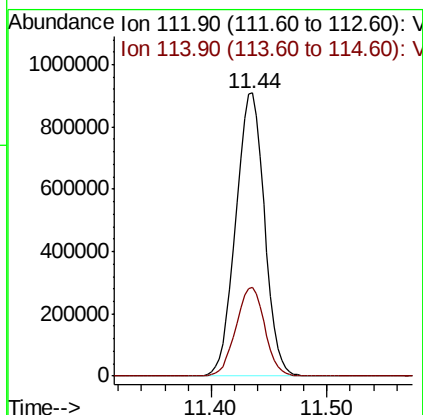
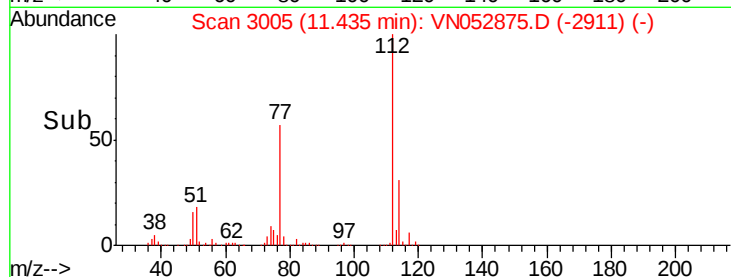
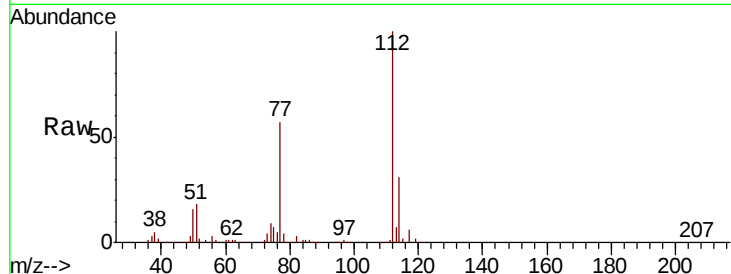




#65
Chlorobenzene
Concen: 50.564 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

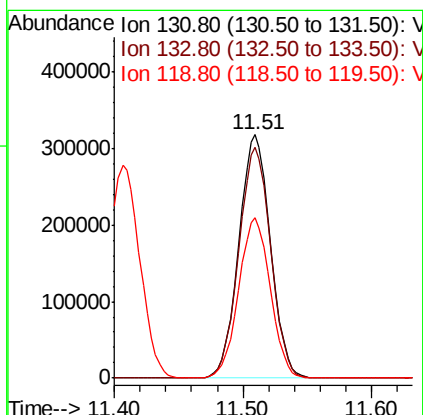
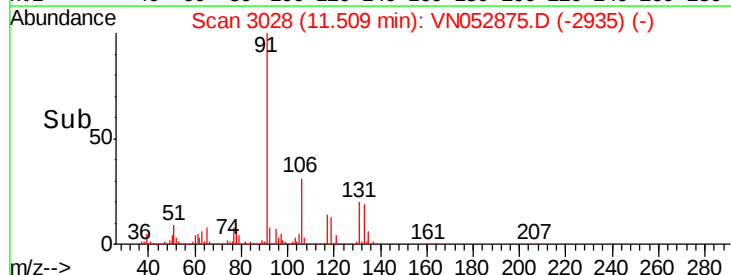
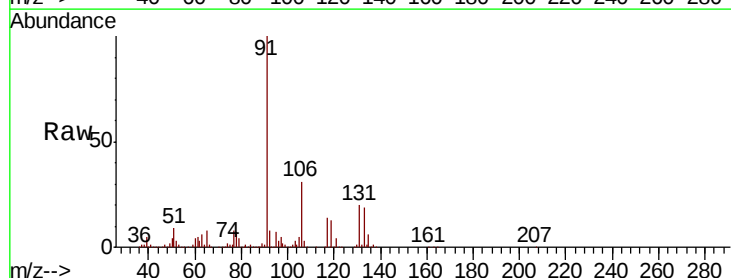
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

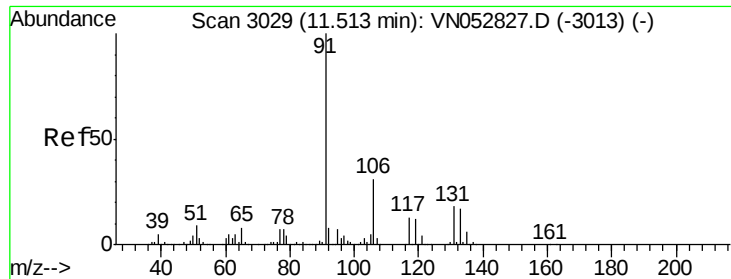
Tot Ion:112 Resp: 1555729
Ion Ratio Lower Upper
112 100
114 31.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.643 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion:131 Resp: 541911
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 66.3 33.3 99.8

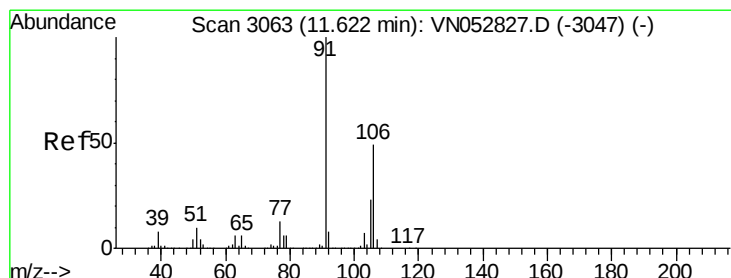
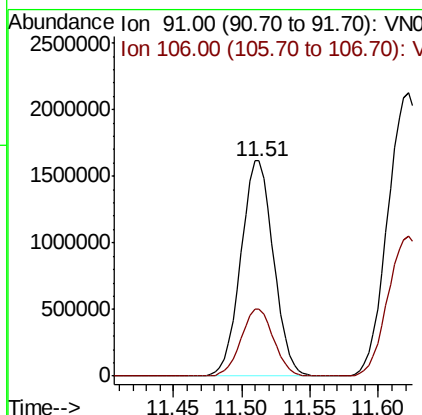
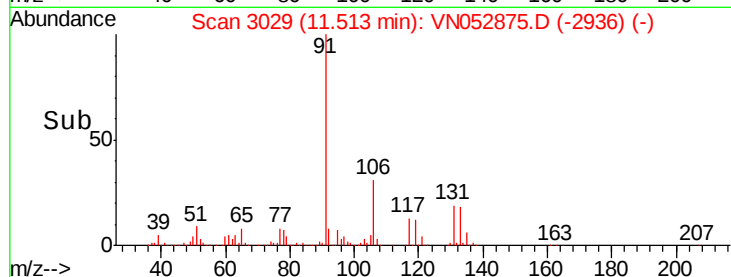
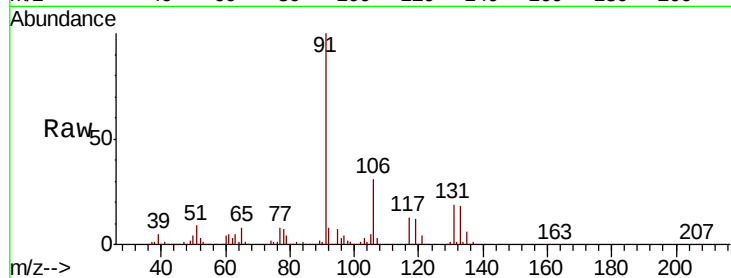




#67
Ethyl Benzene
Concen: 50.809 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

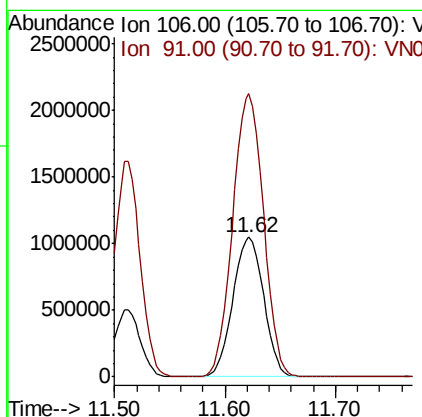
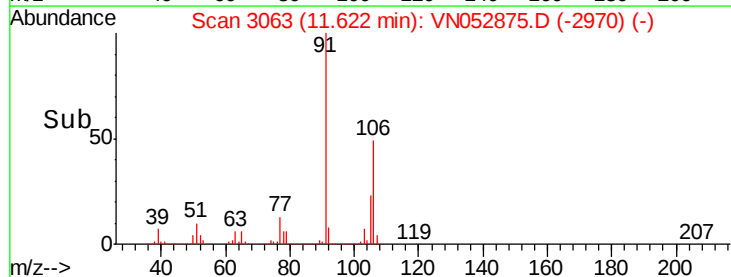
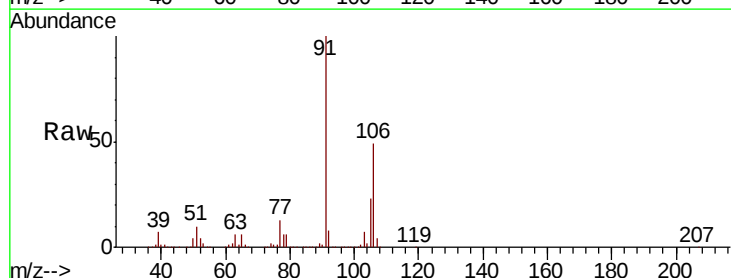
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

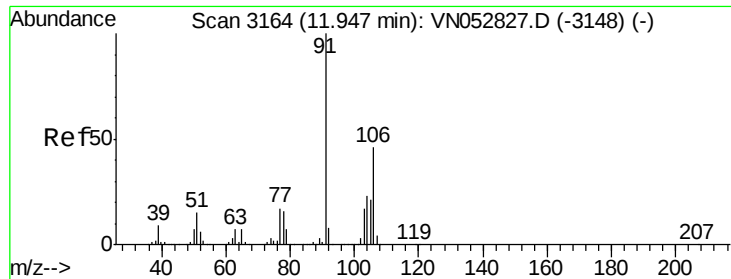
Tot Ion: 91 Resp: 2684590
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3



#68
m/p-Xylenes
Concen: 102.167 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion: 106 Resp: 2026985
Ion Ratio Lower Upper
106 100
91 202.6 162.2 243.4

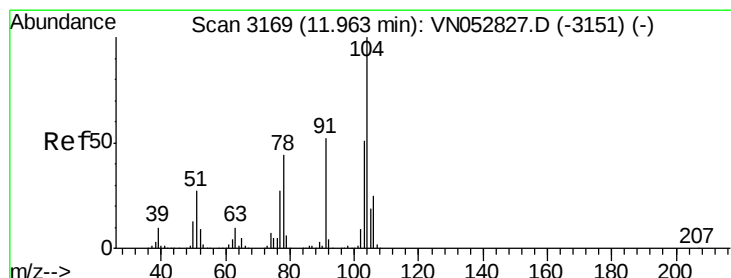
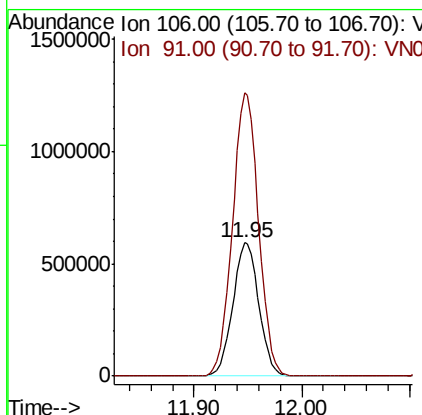
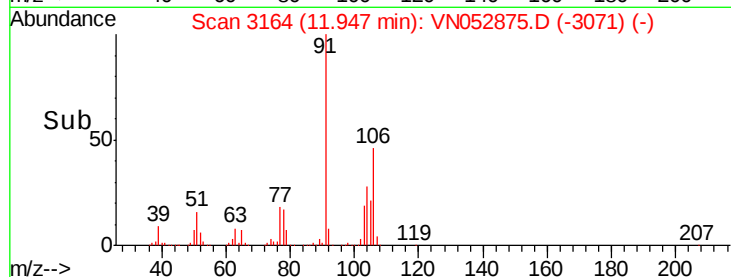
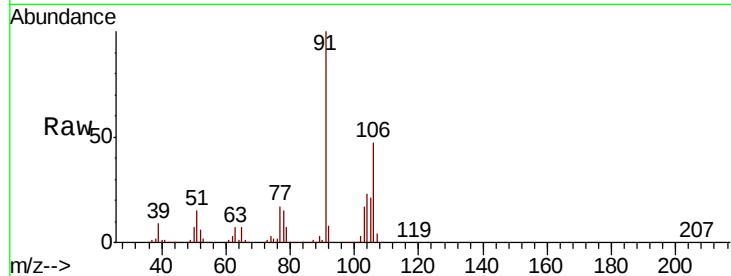




#69
o-Xylene
Concen: 51.243 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

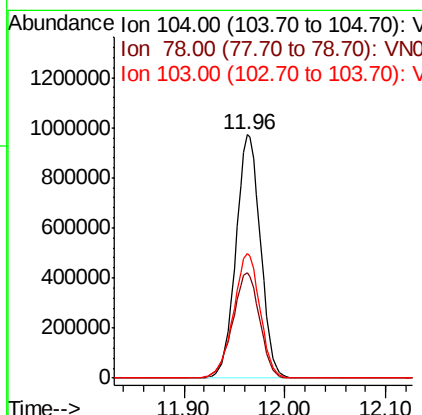
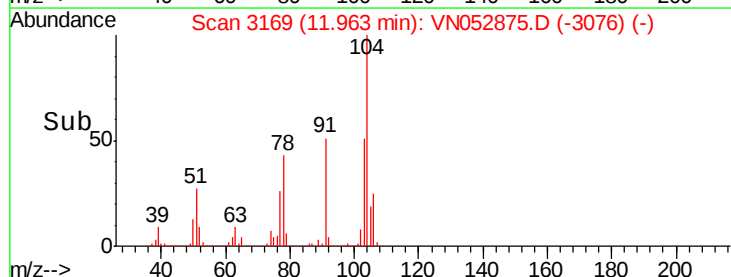
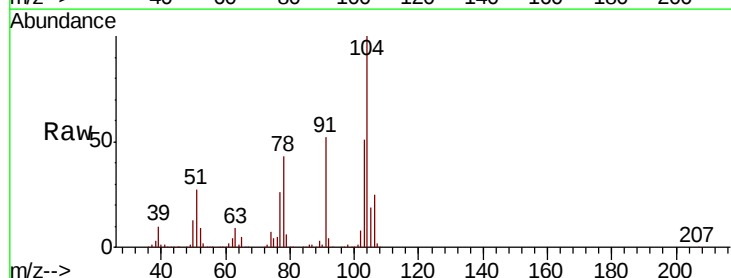
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

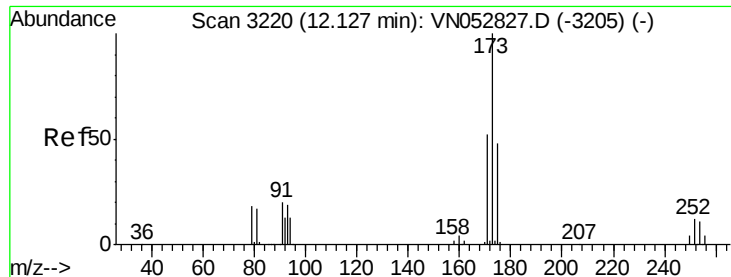
Tot Ion:106 Resp: 992743
Ion Ratio Lower Upper
106 100
91 212.8 106.6 319.8



#70
Styrene
Concen: 52.467 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052875.D
Acq: 13 Dec 2018 20:01

Tgt Ion:104 Resp: 1633983
Ion Ratio Lower Upper
104 100
78 47.7 38.9 58.3
103 55.4 44.3 66.5





#71

Bromoform

Concen: 50.613 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

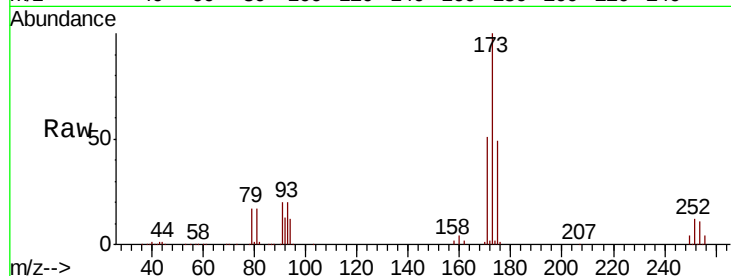
Tot Ion:173 Resp: 367941

Ion Ratio Lower Upper

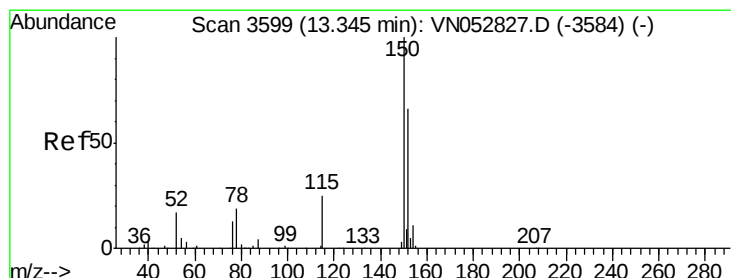
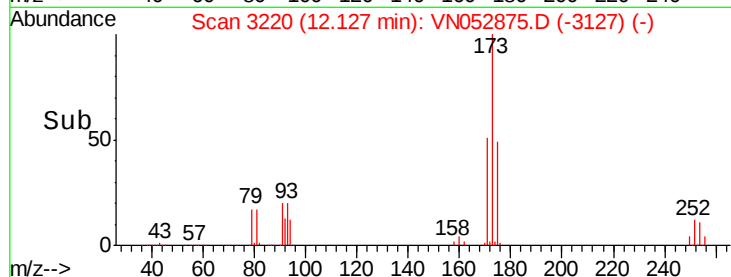
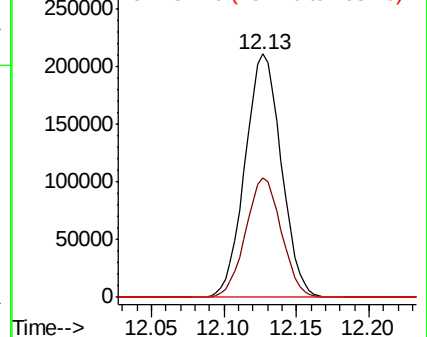
173 100

175 48.3 24.3 72.9

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

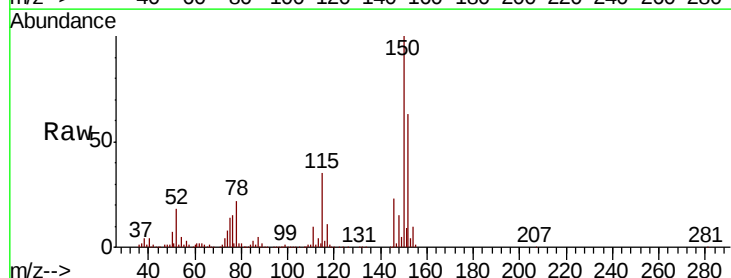
Tgt Ion:152 Resp: 698521

Ion Ratio Lower Upper

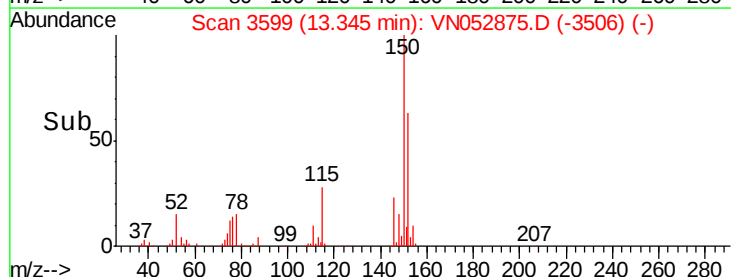
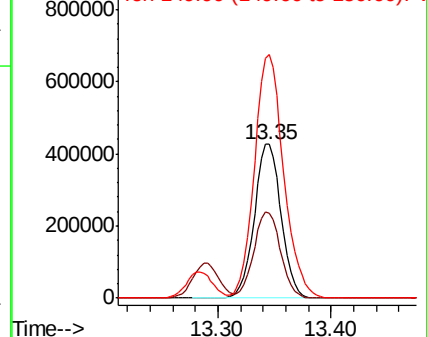
152 100

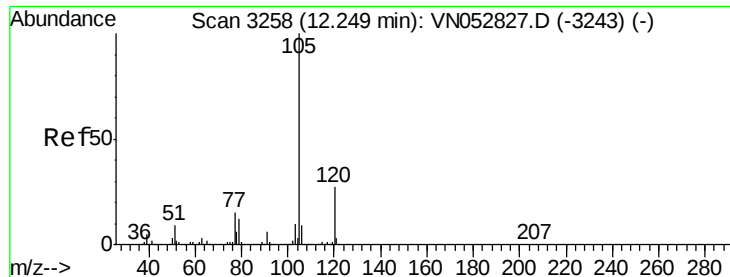
115 56.5 28.3 85.0

150 173.3 0.0 347.8



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: 50.281 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

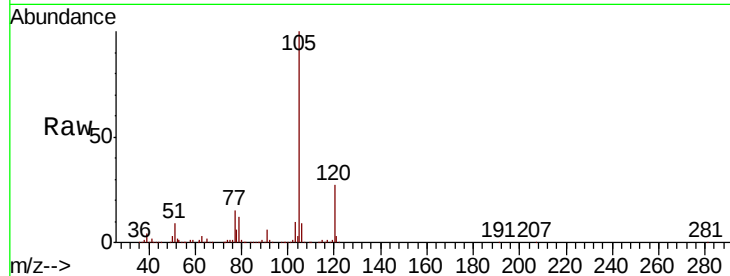
VSTDCCC050EC

Tot Ion:105 Resp: 2622367

Ion Ratio Lower Upper

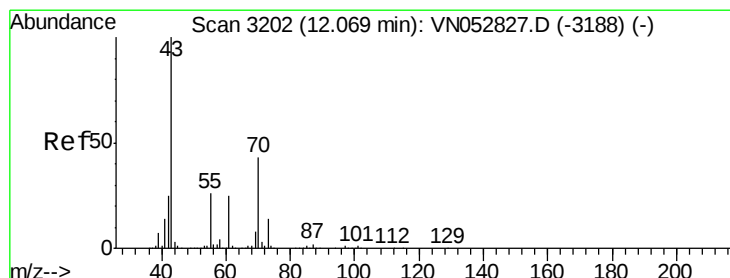
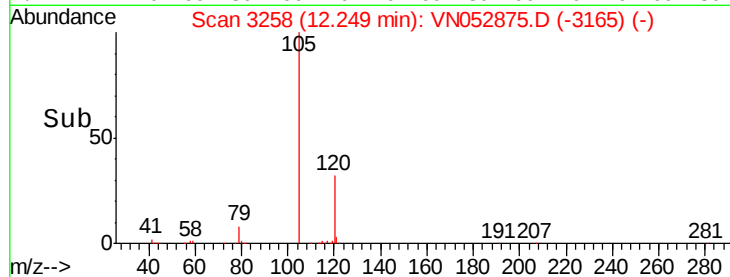
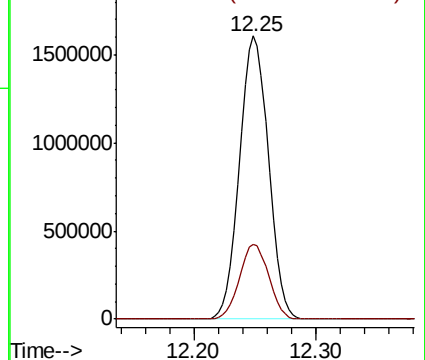
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.178 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Tgt Ion: 43 Resp: 718474

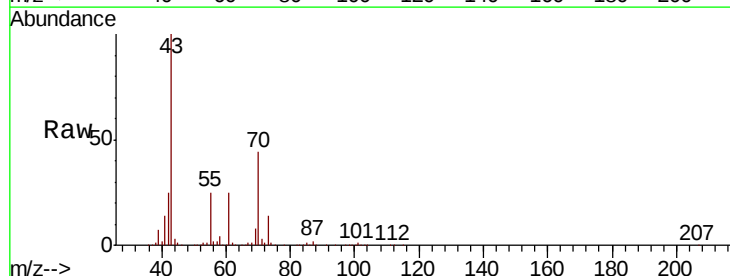
Ion Ratio Lower Upper

43 100

70 43.9 34.2 51.4

55 25.1 20.3 30.5

61 25.3 20.0 30.0

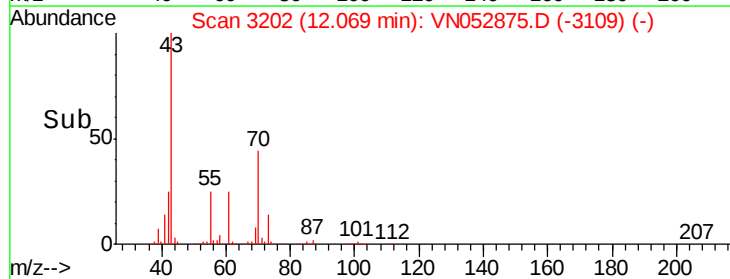
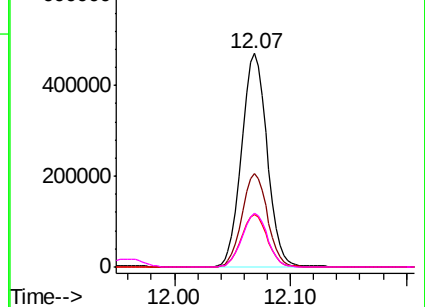


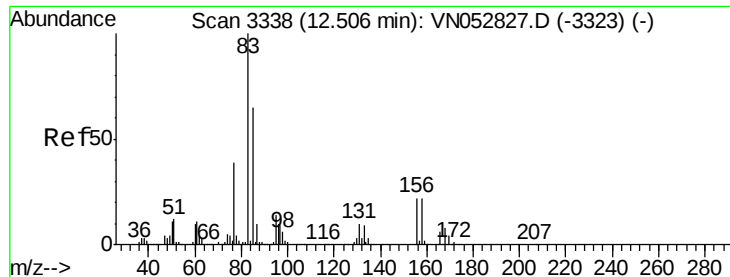
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.381 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

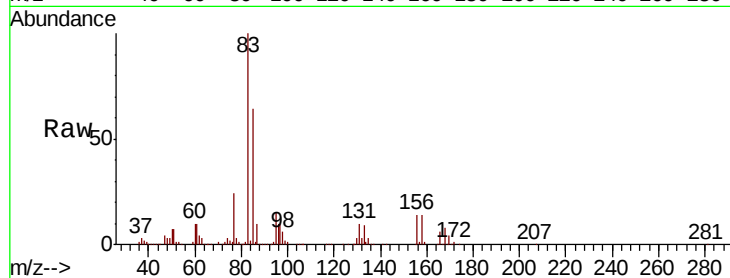
Tot Ion: 83 Resp: 565503

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 64.0 32.4 97.0

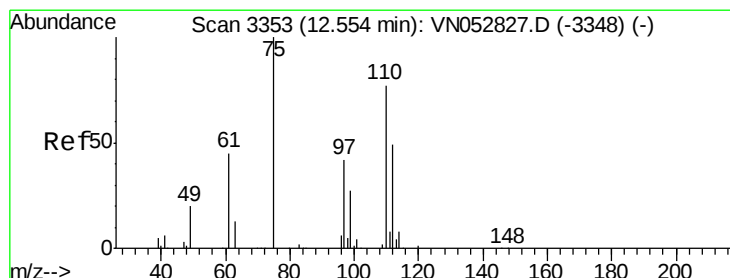
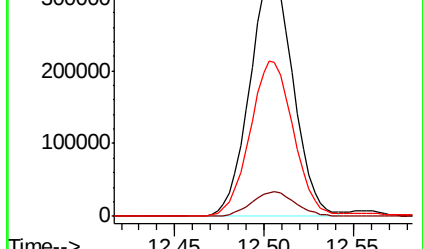
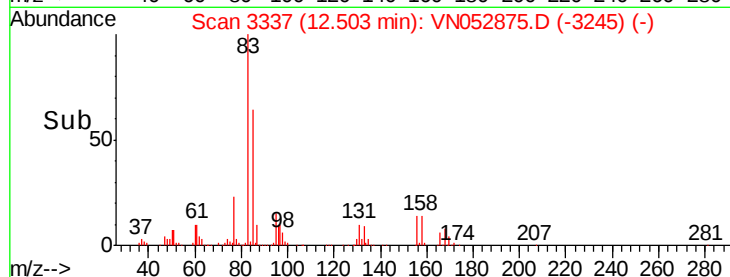


Abundance Ion 82.90 (82.60 to 83.60): VN052827.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN052827.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN052827.D (-3323) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 71.425 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052875.D

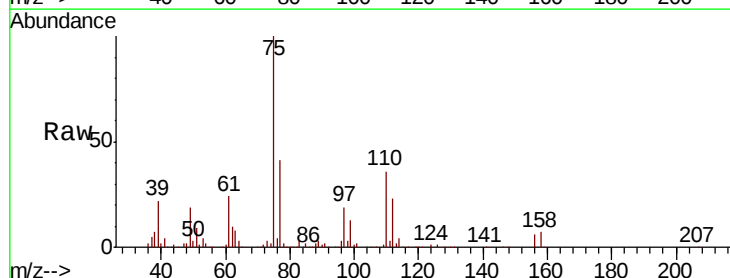
Acq: 13 Dec 2018 20:01

Tgt Ion: 75 Resp: 736100

Ion Ratio Lower Upper

75 100

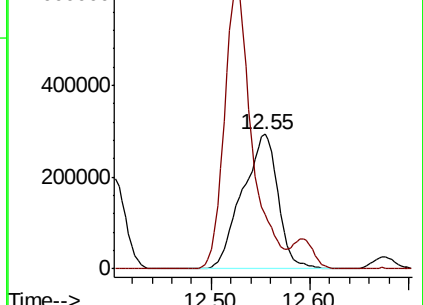
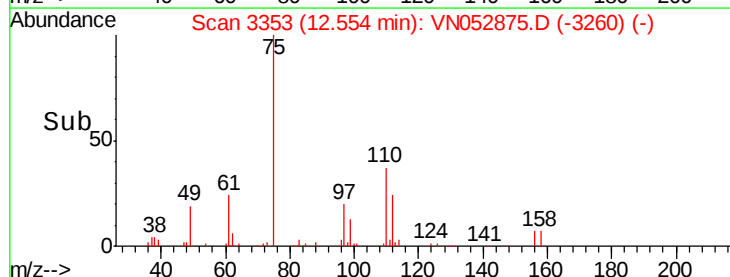
77 0.0 0.0 0.0

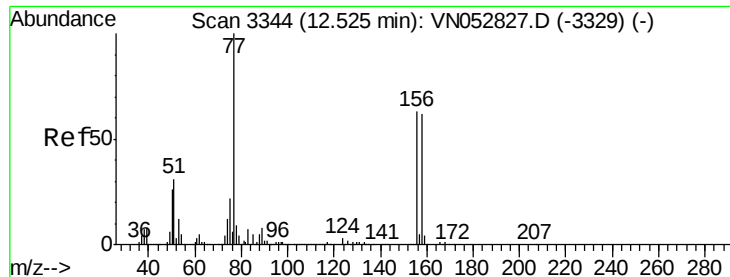


Abundance Ion 74.90 (74.60 to 75.60): VN052827.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN052827.D (-3348) (-)

Time-->





#77

Bromobenzene

Concen: 50.141 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

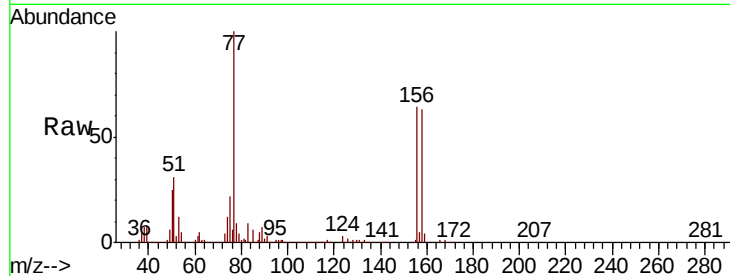
Tot Ion:156 Resp: 665129

Ion Ratio Lower Upper

156 100

77 181.5 91.3 273.8

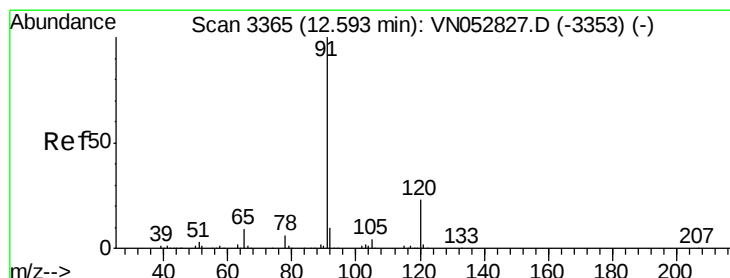
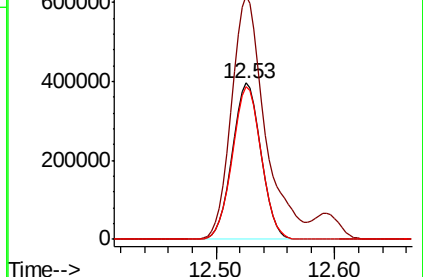
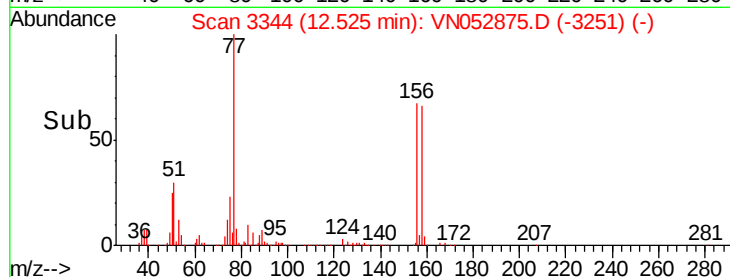
158 98.1 49.0 147.2



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: 50.529 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052875.D

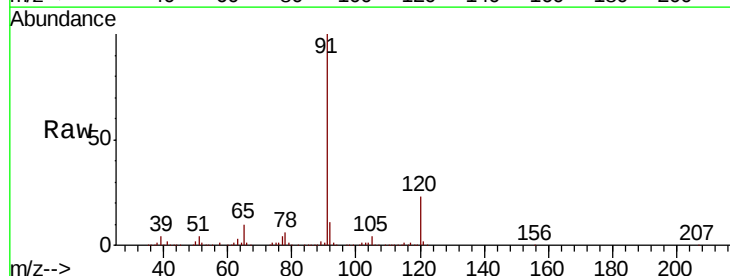
Acq: 13 Dec 2018 20:01

Tgt Ion: 91 Resp: 3005499

Ion Ratio Lower Upper

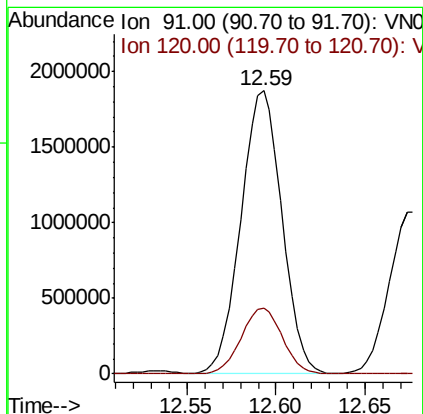
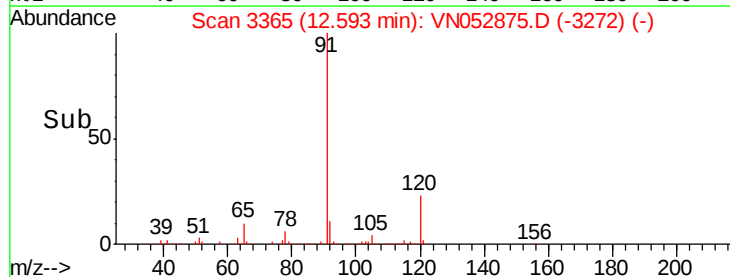
91 100

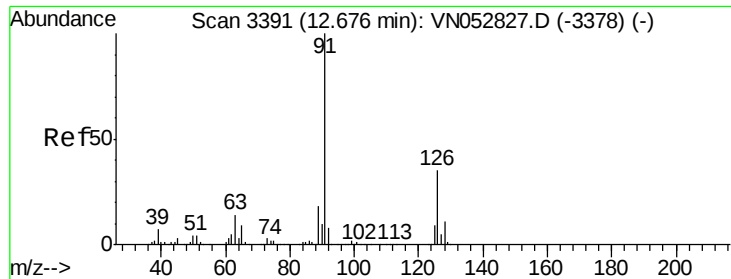
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

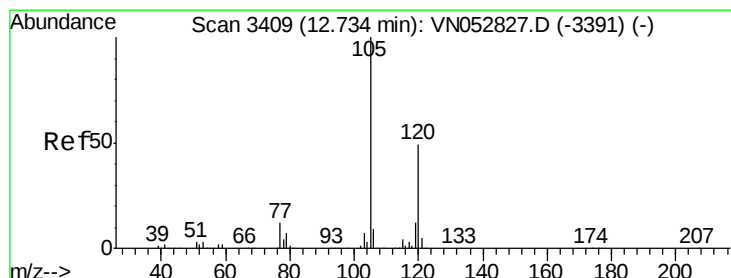
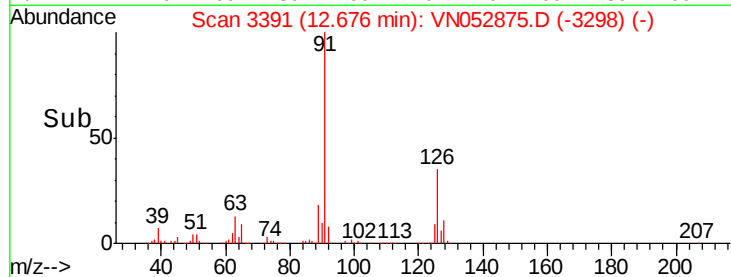
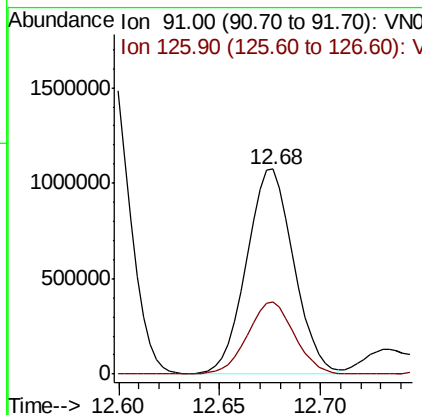
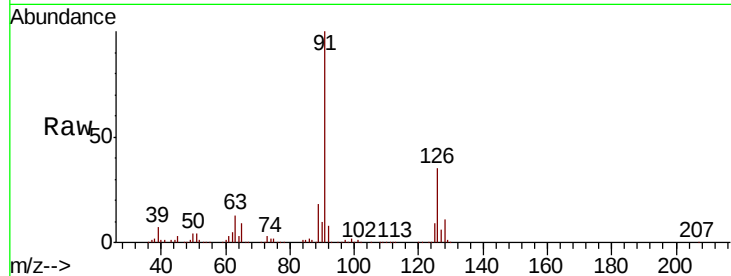




#79
 2-Chlorotoluene
 Concen: 49.809 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

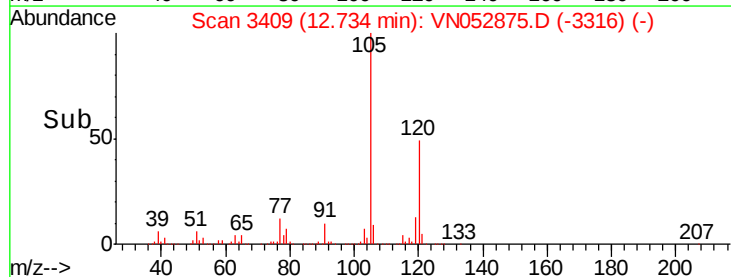
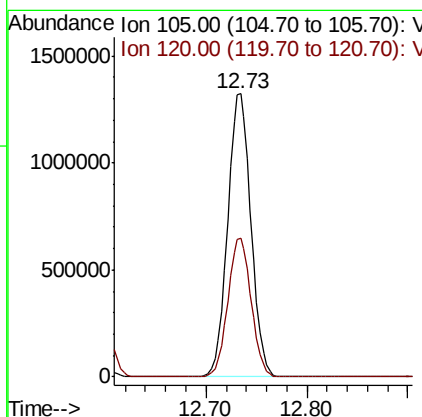
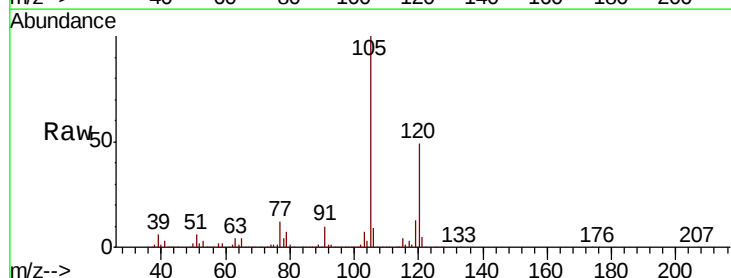
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

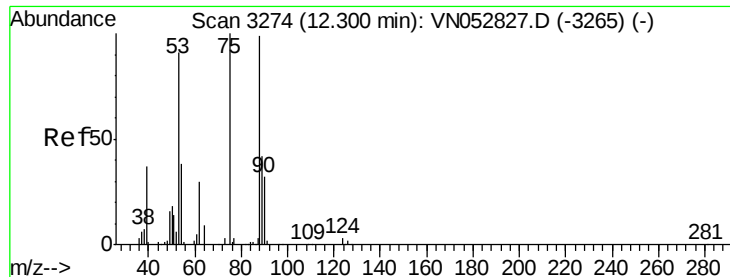
Tot Ion: 91 Resp: 1751497
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.531 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Tgt Ion:105 Resp: 2127423
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 49.602 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

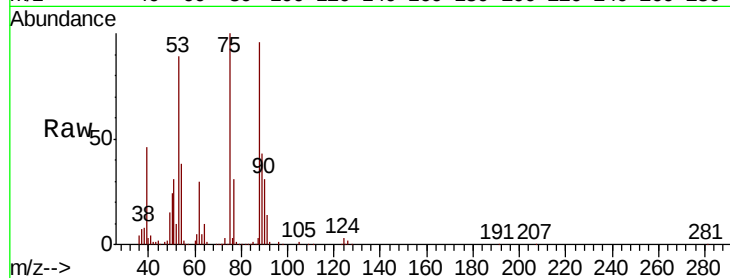
Tot Ion: 75 Resp: 159127

Ion Ratio Lower Upper

75 100

53 92.7 74.7 112.1

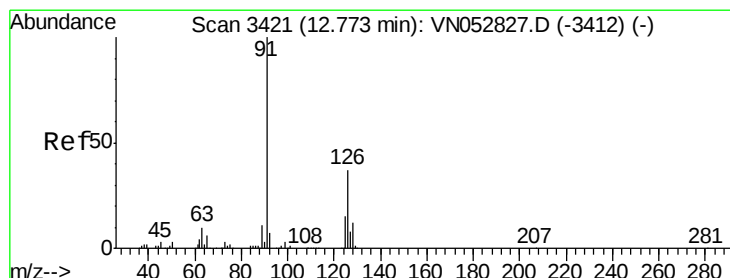
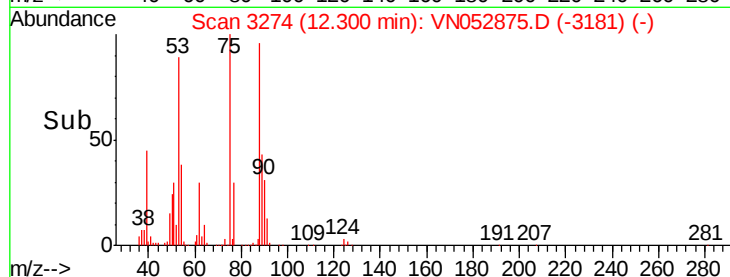
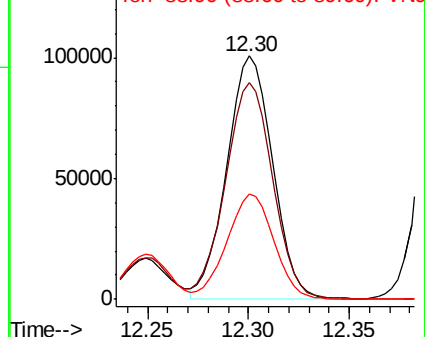
89 44.8 36.1 54.1



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: 50.016 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052875.D

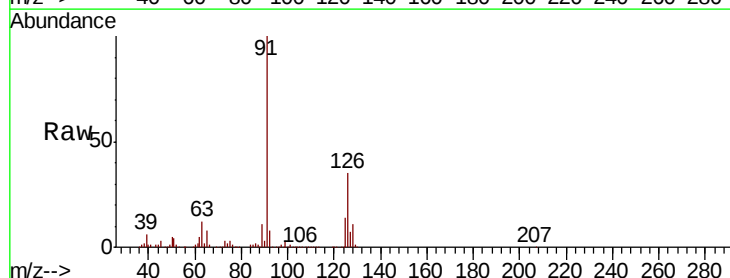
Acq: 13 Dec 2018 20:01

Tgt Ion: 91 Resp: 1798251

Ion Ratio Lower Upper

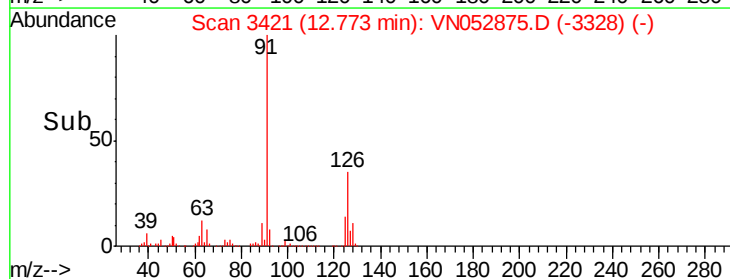
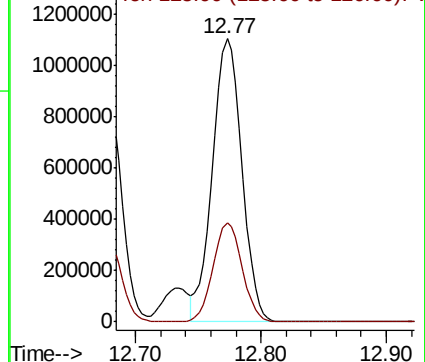
91 100

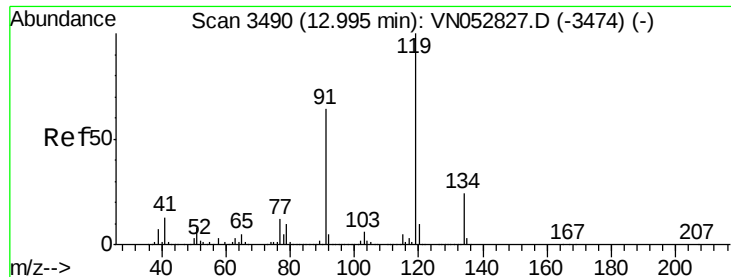
126 34.6 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

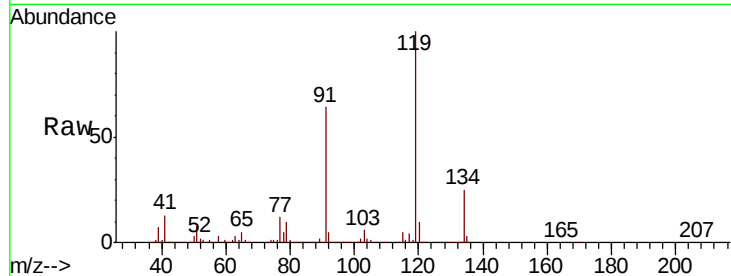




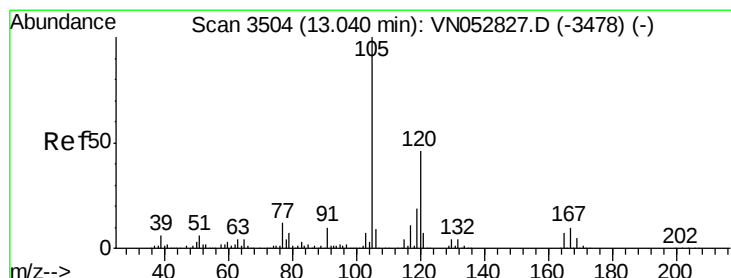
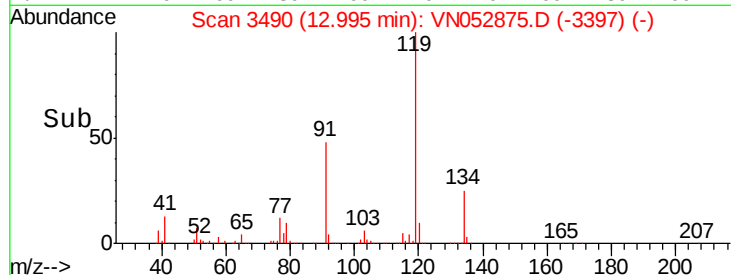
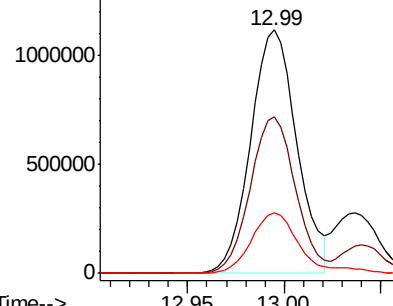
#83
 tert-Butylbenzene
 Concen: 50.098 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 1860597
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.9 95.5
 134 26.1 12.8 38.4

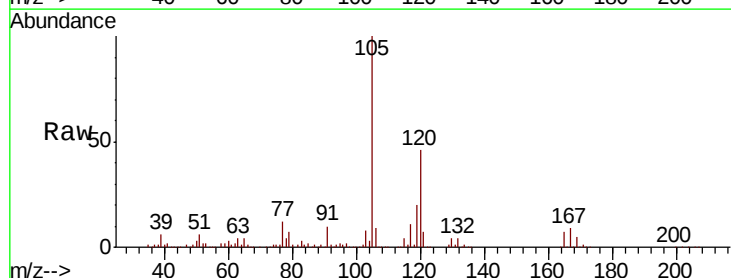


Abundance Ion 119.00 (118.70 to 119.70): V
 1500000 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

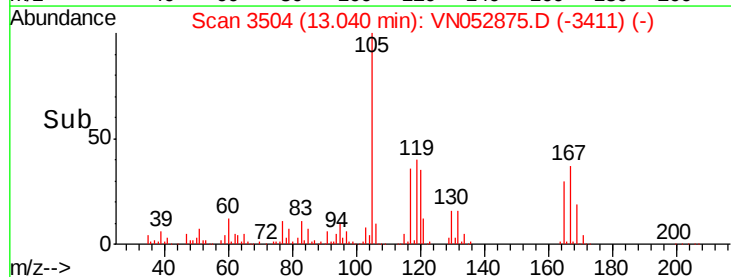
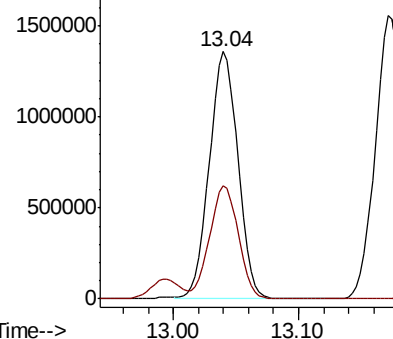


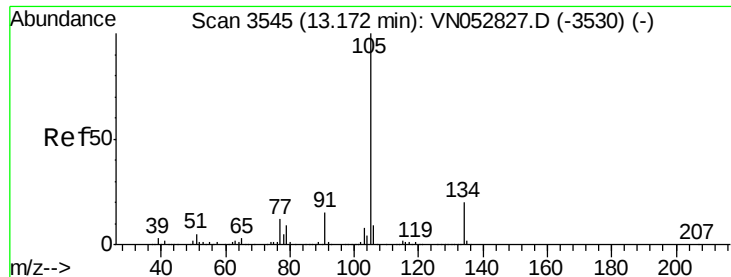
#84
 1,2,4-Trimethylbenzene
 Concen: 50.360 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Tgt Ion:105 Resp: 2146428
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 1500000 Ion 120.00 (119.70 to 120.70): V

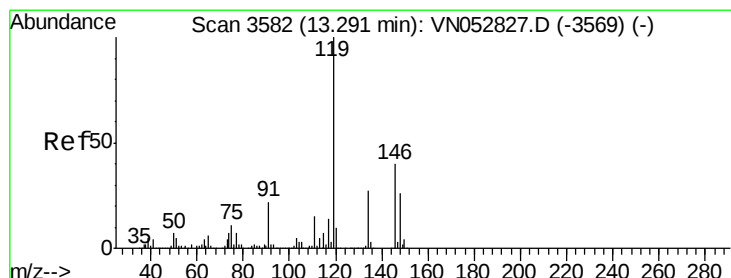
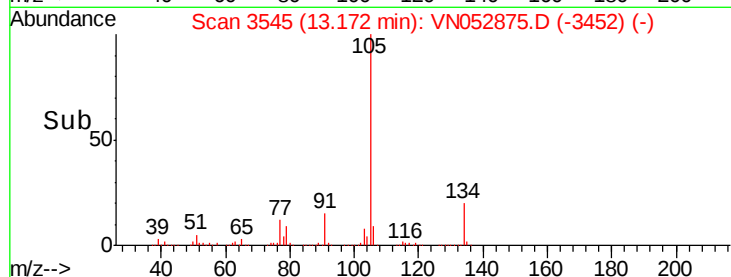
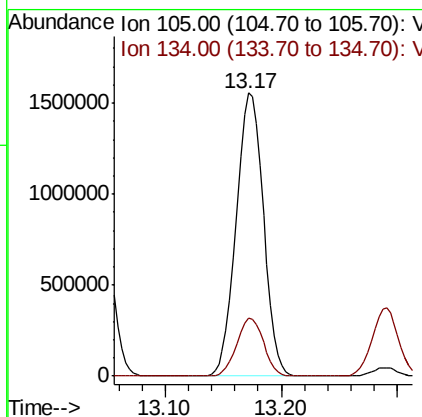
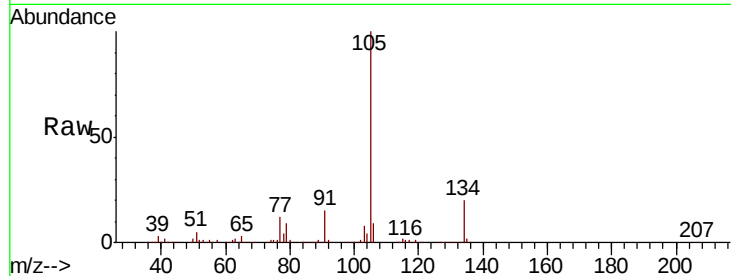




#85
 sec-Butylbenzene
 Concen: 50.183 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

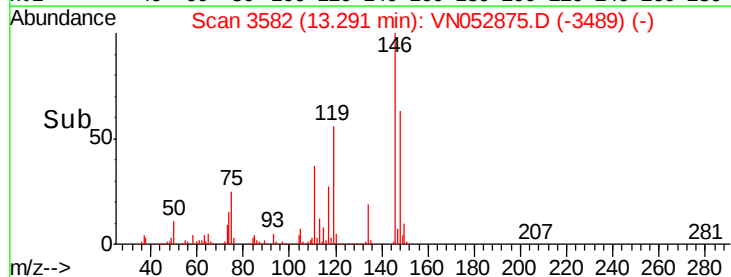
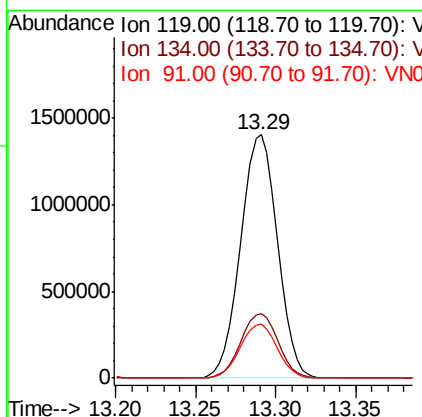
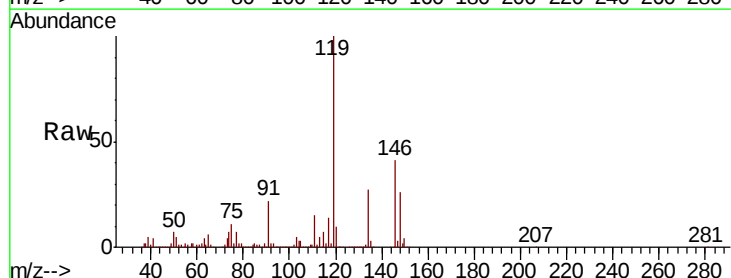
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

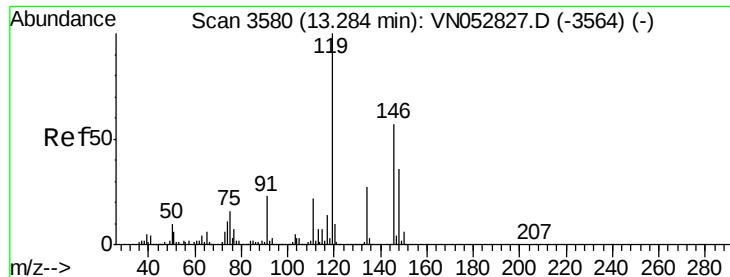
Tot Ion:105 Resp: 2524010
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.415 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052875.D
 Acq: 13 Dec 2018 20:01

Tgt Ion:119 Resp: 2196852
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 22.3 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 49.754 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

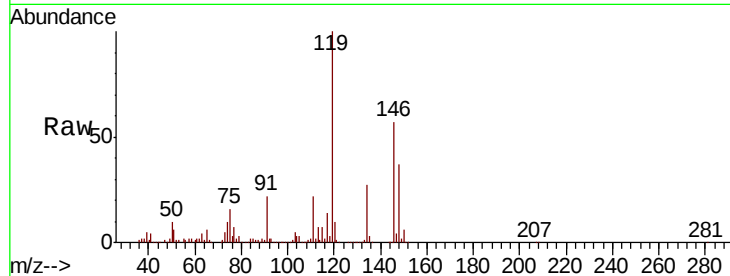
Tot Ion:146 Resp: 1172865

Ion Ratio Lower Upper

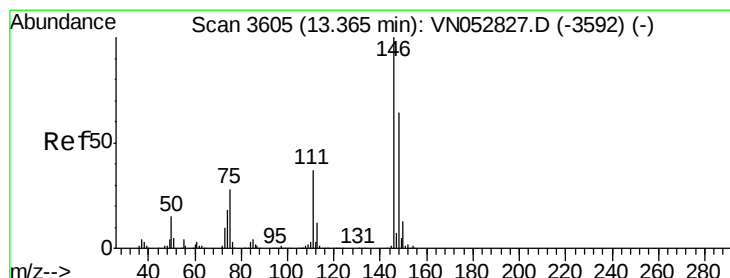
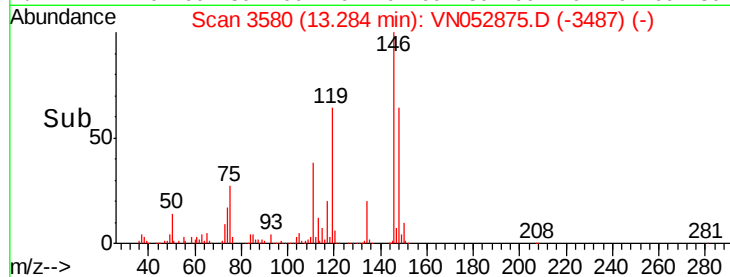
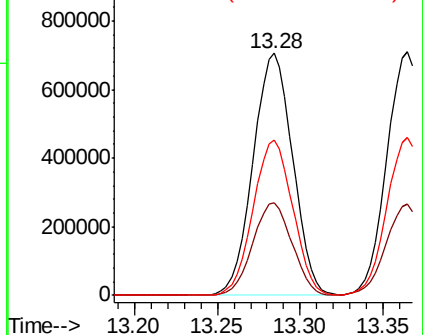
146 100

111 38.0 19.1 57.1

148 63.9 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 49.463 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

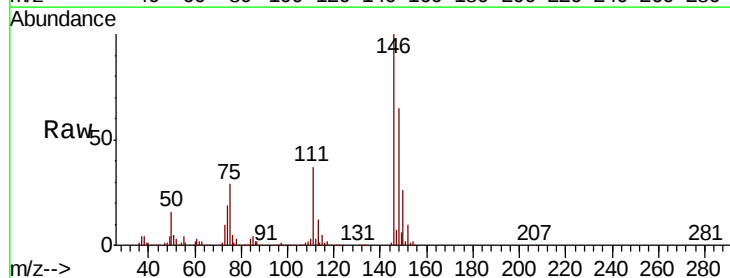
Tgt Ion:146 Resp: 1154712

Ion Ratio Lower Upper

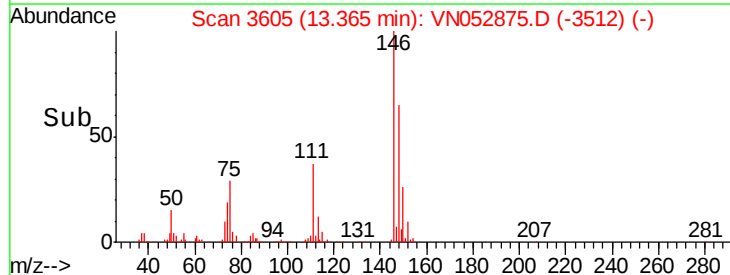
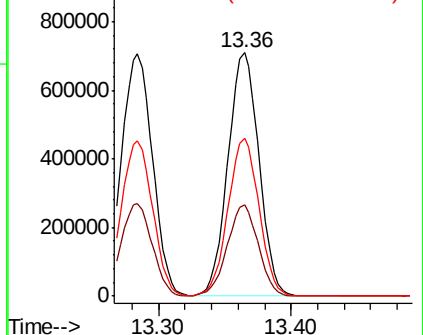
146 100

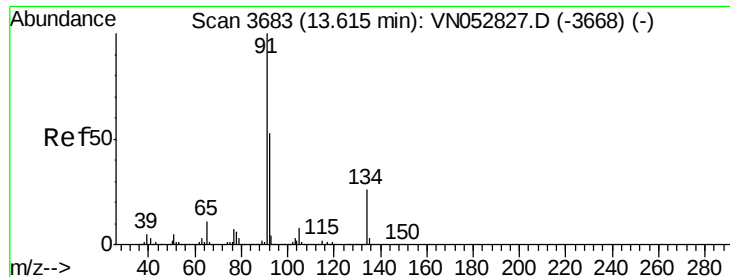
111 37.4 18.6 55.8

148 64.8 32.1 96.5



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





#89

n-Butylbenzene

Concen: 50.186 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

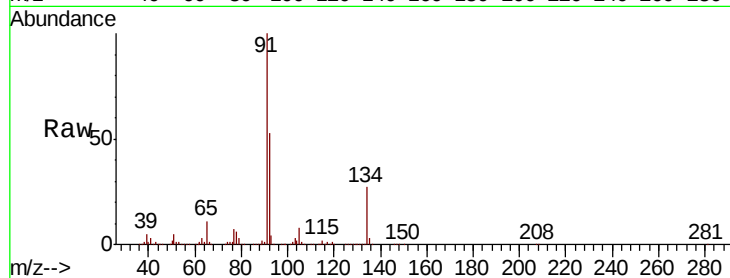
Tot Ion: 91 Resp: 1841021

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

134 26.3 13.3 39.8

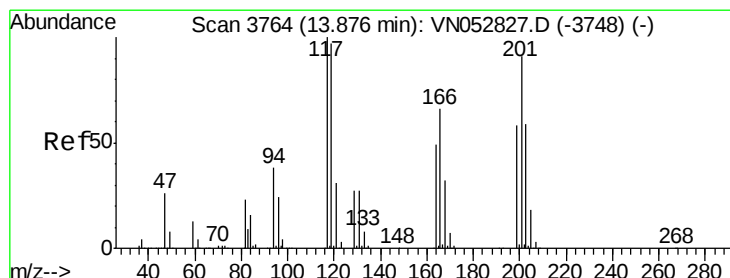
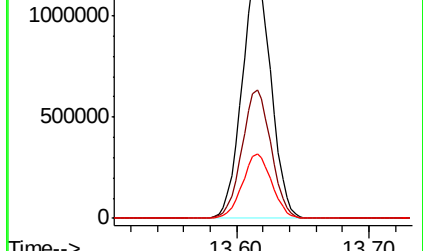
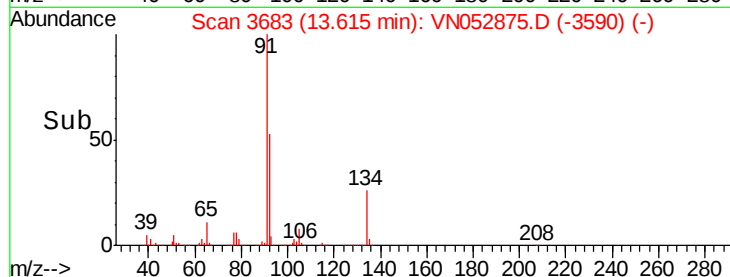


Abundance Ion 91.00 (90.70 to 91.70): VN052827.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052827.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052827.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 49.528 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN052875.D

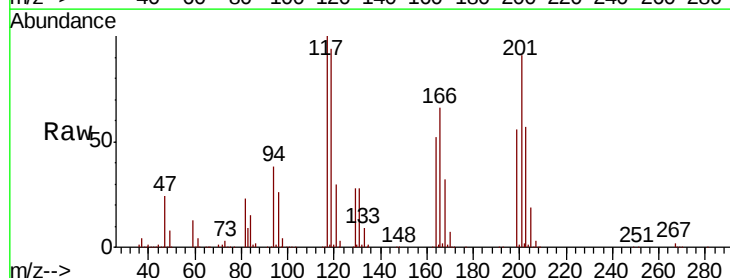
Acq: 13 Dec 2018 20:01

Tgt Ion: 117 Resp: 361390

Ion Ratio Lower Upper

117 100

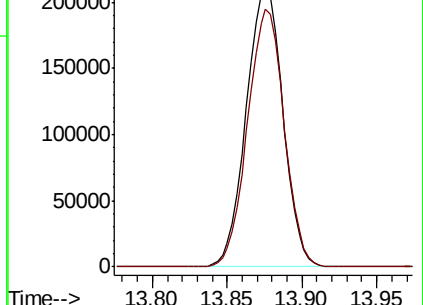
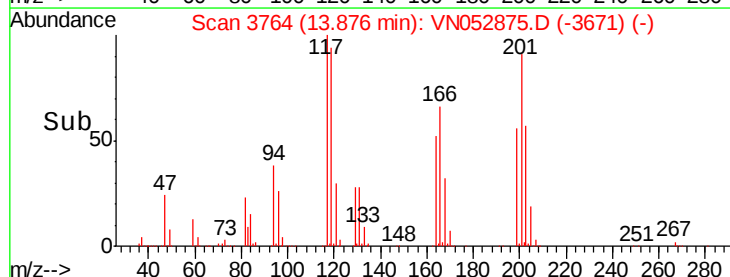
201 91.6 45.7 137.1

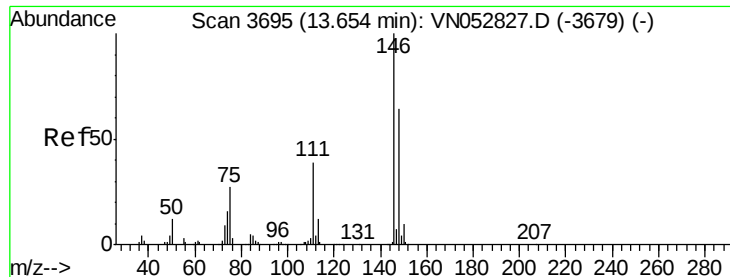


Abundance Ion 116.80 (116.50 to 117.50): VN052827.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN052827.D (-3748) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 49.525 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

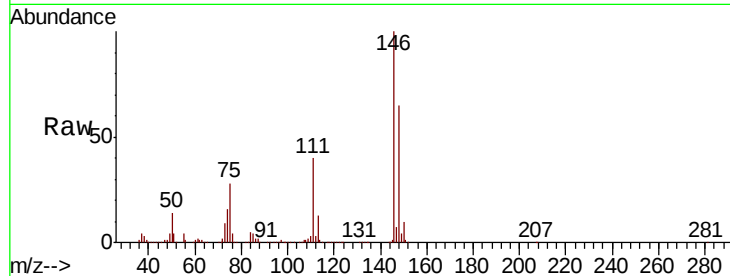
Tot Ion:146 Resp: 1123025

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

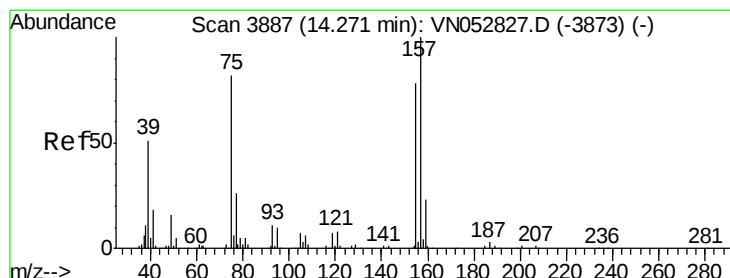
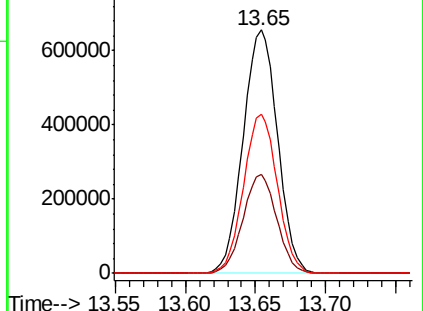
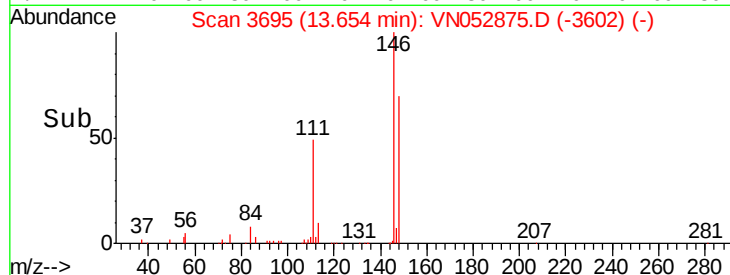
148 64.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.373 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

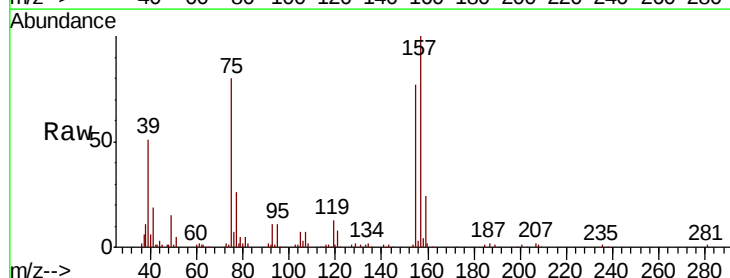
Tgt Ion: 75 Resp: 86992

Ion Ratio Lower Upper

75 100

155 95.8 48.2 144.6

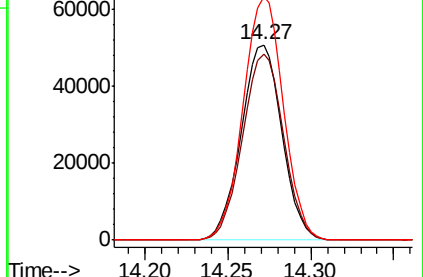
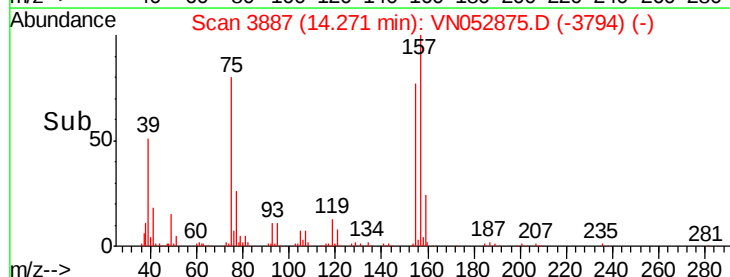
157 122.5 61.2 183.5

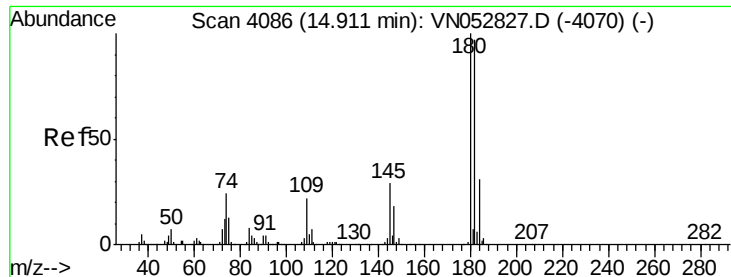


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 51.224 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

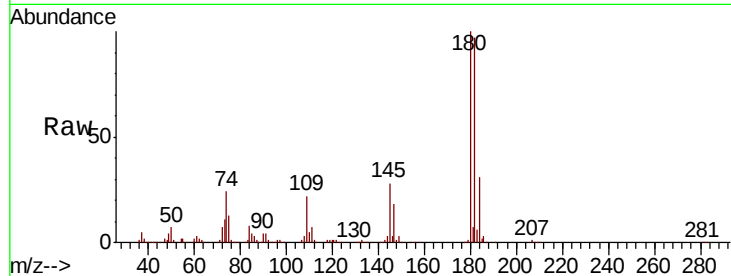
Tot Ion:180 Resp: 631401

Ion Ratio Lower Upper

180 100

182 96.2 47.8 143.3

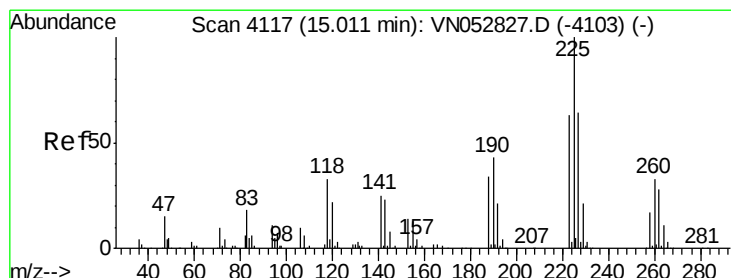
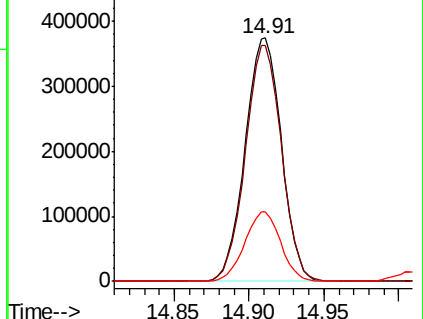
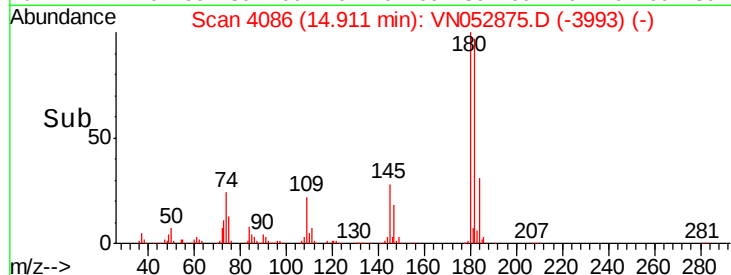
145 28.3 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 47.970 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

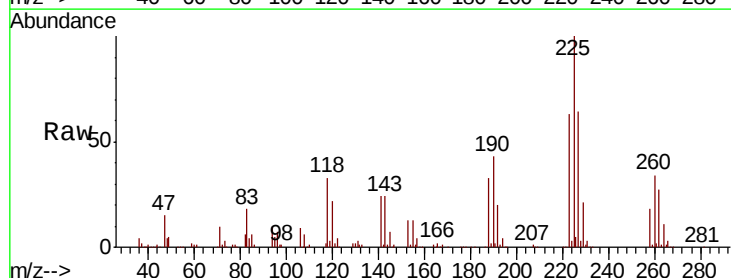
Tgt Ion:225 Resp: 342249

Ion Ratio Lower Upper

225 100

223 62.5 31.5 94.5

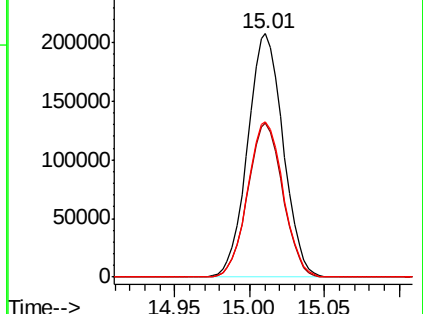
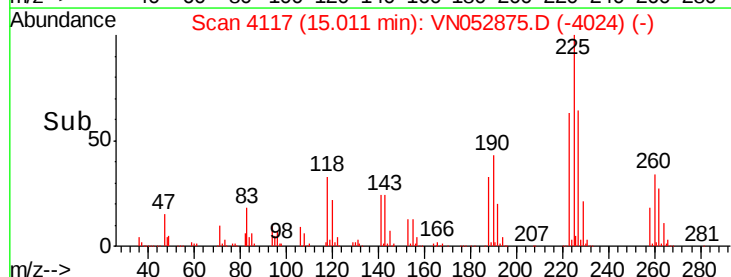
227 64.1 31.9 95.7

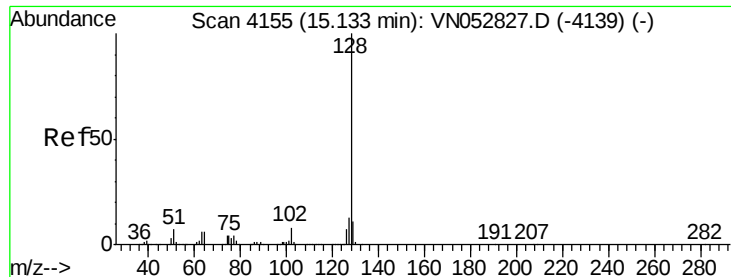


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.946 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

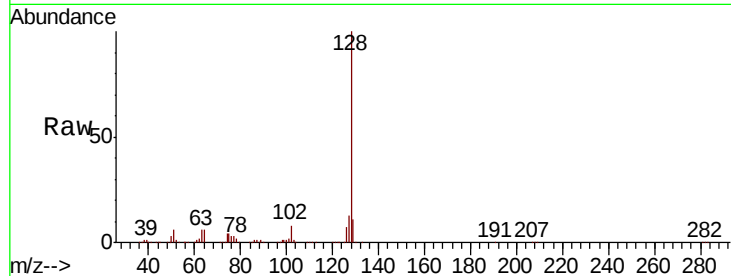
Tot Ion:128 Resp: 1326152

Ion Ratio Lower Upper

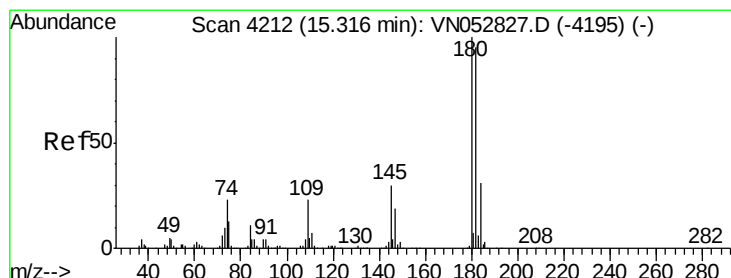
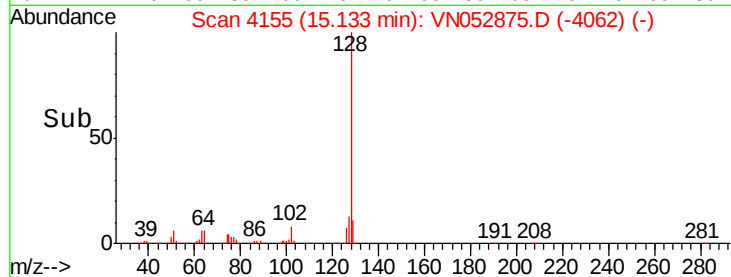
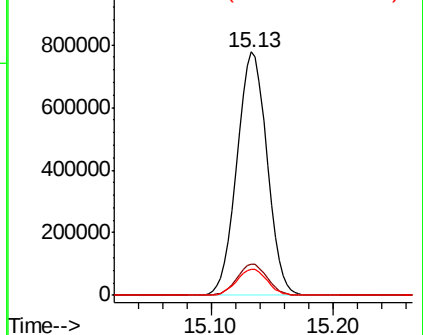
128 100

127 12.9 10.2 15.4

129 10.9 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 51.047 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN052875.D

Acq: 13 Dec 2018 20:01

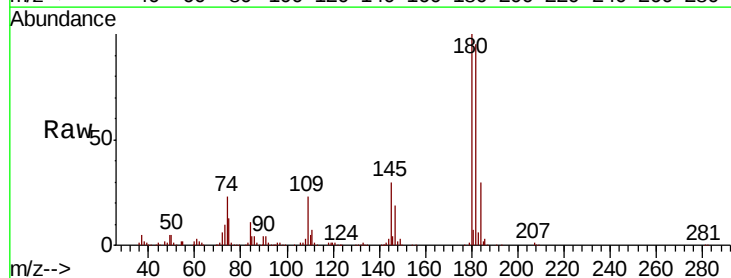
Tgt Ion:180 Resp: 577357

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 30.3 15.0 45.0



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

