

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110518\
 Data File : VN052148.D
 Acq On : 5 Nov 2018 14:56
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 05 22:14:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:07:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	456339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	737097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	676944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	318787	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	760007	140.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.92%	
35) Dibromofluoromethane	7.59	113	706636	154.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.82%	
50) Toluene-d8	10.09	98	2700406	152.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.24%	
62) 4-Bromofluorobenzene	12.40	95	917546	157.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	600131	150.813	ug/l	97
3) Chloromethane	2.06	50	765258	142.481	ug/l	99
4) Vinyl Chloride	2.19	62	735690	143.014	ug/l	100
5) Bromomethane	2.56	94	518909	134.930	ug/l	97
6) Chloroethane	2.71	64	458963	139.537	ug/l	99
7) Trichlorofluoromethane	3.02	101	1078626	144.347	ug/l	99
8) Diethyl Ether	3.41	74	380330	145.686	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	645837	144.635	ug/l	97
10) Methyl Iodide	3.96	142	1020609	161.888	ug/l	99
11) Tert butyl alcohol	4.78	59	165793	704.130	ug/l	96
12) 1,1-Dichloroethene	3.74	96	614936	146.276	ug/l	100
13) Acrolein	3.61	56	201832	953.449	ug/l	99
14) Allyl chloride	4.33	41	1088220	155.097	ug/l	99
15) Acrylonitrile	4.99	53	1126937	727.533	ug/l	99
16) Acetone	3.81	43	809211	660.055	ug/l	100
17) Carbon Disulfide	4.06	76	1858738	154.940	ug/l	99
18) Methyl Acetate	4.32	43	510334	134.507	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1699364	146.743	ug/l	98
20) Methylene Chloride	4.55	84	707038	138.798	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	690518	157.947	ug/l	98
22) Diisopropyl ether	5.95	45	2236836	144.610	ug/l	97
23) Vinyl Acetate	5.90	43	7973526	783.720	ug/l	100
24) 1,1-Dichloroethane	5.85	63	1260953	144.107	ug/l	99
25) 2-Butanone	6.83	43	1281483	674.096	ug/l	98
26) 2,2-Dichloropropane	6.83	77	1016752	148.564	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	776475	146.408	ug/l	98
28) Bromochloromethane	7.20	49	600734	145.018	ug/l	95
29) Tetrahydrofuran	7.21	42	862058	732.903	ug/l	99
30) Chloroform	7.37	83	1275045	146.321	ug/l	99
31) Cyclohexane	7.66	56	1163754	117.799	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	1139450	147.416	ug/l	100
36) 1,1-Dichloropropene	7.79	75	995971	152.742	ug/l	99
37) Ethyl Acetate	6.93	43	602219	146.674	ug/l	96
38) Carbon Tetrachloride	7.78	117	1038156	159.361	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110518\
 Data File : VN052148.D
 Acq On : 5 Nov 2018 14:56
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 05 22:14:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:07:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1205699	156.128	ug/l	99
40) Benzene	8.04	78	2896975	151.131	ug/l	100
41) Methacrylonitrile	7.21	41	836042	396.139	ug/l #	18
42) 1,2-Dichloroethane	8.13	62	916160	148.677	ug/l	99
43) Isopropyl Acetate	8.16	43	1134214	152.448	ug/l	99
44) Trichloroethene	8.84	130	791936	156.047	ug/l	99
45) 1,2-Dichloropropane	9.12	63	769153	151.514	ug/l	98
46) Dibromomethane	9.21	93	471261	145.971	ug/l	95
47) Bromodichloromethane	9.40	83	1000882	158.963	ug/l	97
48) Methyl methacrylate	9.20	41	564776	157.722	ug/l	98
49) 1,4-Dioxane	9.20	88	91099	3152.086	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	2965420	754.446	ug/l	100
52) Toluene	10.16	92	1844400	159.563	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	1058748	171.410	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	1196104	165.486	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	640387	157.135	ug/l	98
56) Ethyl methacrylate	10.43	69	856928	161.316	ug/l	99
57) 1,3-Dichloropropane	10.71	76	1095489	152.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2332902	816.038	ug/l	99
59) 2-Hexanone	10.75	43	2022661	739.230	ug/l	100
60) Dibromochloromethane	10.90	129	794416	171.411	ug/l	99
61) 1,2-Dibromoethane	11.00	107	673331	162.761	ug/l	100
64) Tetrachloroethene	10.63	164	705138	160.783	ug/l	98
65) Chlorobenzene	11.43	112	2092660	151.666	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	755762	163.101	ug/l	98
67) Ethyl Benzene	11.51	91	3583378	156.362	ug/l	100
68) m/p-Xylenes	11.62	106	2768702	313.105	ug/l	100
69) o-Xylene	11.95	106	1349061	157.313	ug/l	98
70) Styrene	11.96	104	2170434	159.877	ug/l	99
71) Bromoform	12.13	173	489281	182.338	ug/l #	99
73) Isopropylbenzene	12.25	105	3553303	147.419	ug/l	99
74) N-amyl acetate	12.07	43	1048165	137.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	733467	139.020	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	985983	231.694	ug/l #	100
77) Bromobenzene	12.53	156	862168	150.001	ug/l	99
78) n-propylbenzene	12.59	91	4081791	148.178	ug/l	100
79) 2-Chlorotoluene	12.67	91	2302133	142.515	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2843344	145.734	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	240983	171.996	ug/l	94
82) 4-Chlorotoluene	12.77	91	2392827	147.380	ug/l	99
83) tert-Butylbenzene	12.99	119	2502430	145.256	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2869047	147.726	ug/l	100
85) sec-Butylbenzene	13.17	105	3453244	148.239	ug/l	100
86) p-Isopropyltoluene	13.29	119	2985814	152.281	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1525072	150.146	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1533053	151.004	ug/l	99
89) n-Butylbenzene	13.61	91	2616386	154.106	ug/l	99
90) Hexachloroethane	13.87	117	538108	162.843	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1417295	148.683	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	107221	153.952	ug/l	96

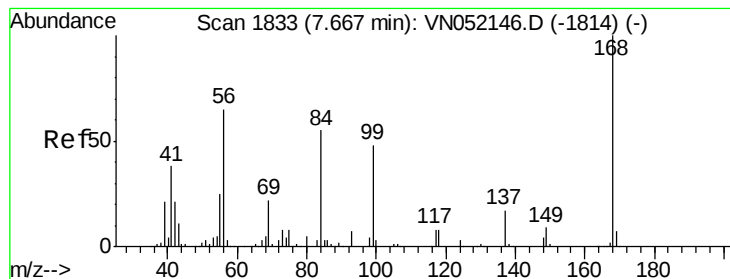
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110518\
Data File : VN052148.D
Acq On : 5 Nov 2018 14:56
Operator : MD\SY
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Quant Time: Nov 05 22:14:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 22:07:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	711183	160.524	ug/l	98
94) Hexachlorobutadiene	15.01	225	333350	129.426	ug/l	100
95) Naphthalene	15.13	128	1547977	158.572	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	605433	154.217	ug/l	97

(#) = 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: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

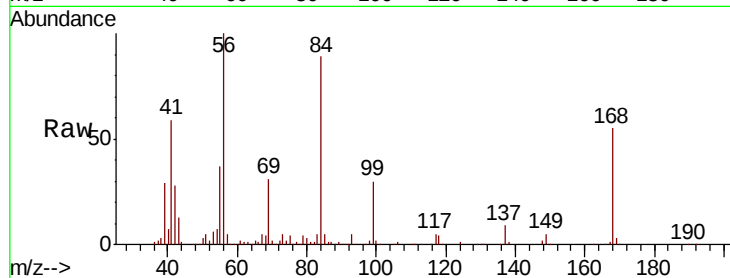
VSTDIC150

Tgt Ion:168 Resp: 456339

Ion Ratio Lower Upper

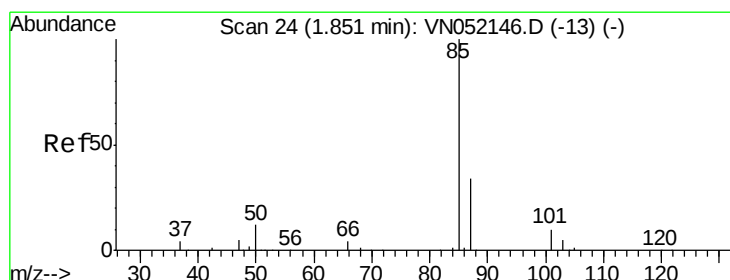
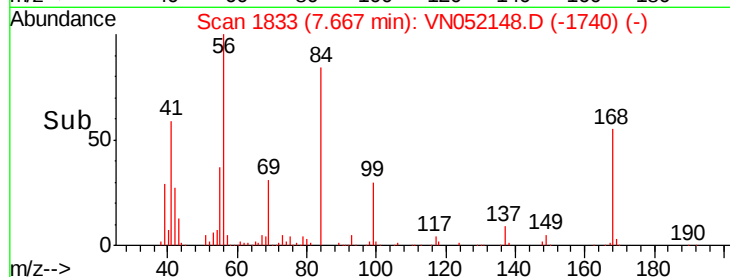
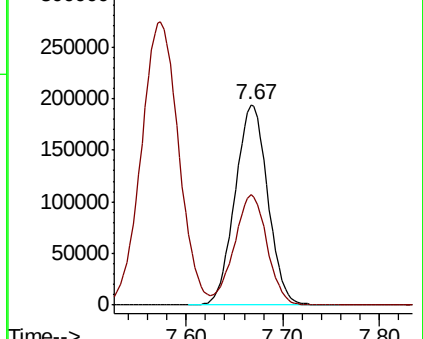
168 100

99 54.9 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 150.813 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052148.D

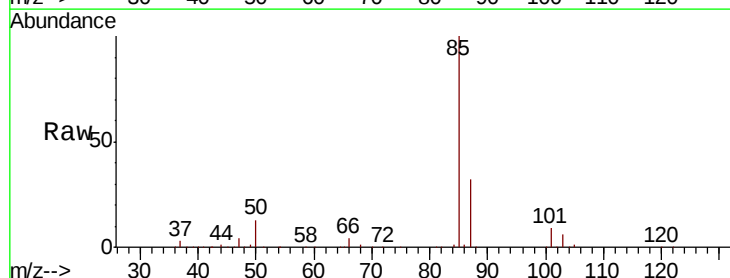
Acq: 5 Nov 2018 14:56

Tgt Ion: 85 Resp: 600131

Ion Ratio Lower Upper

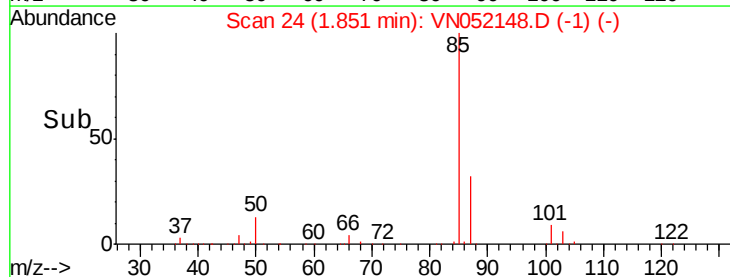
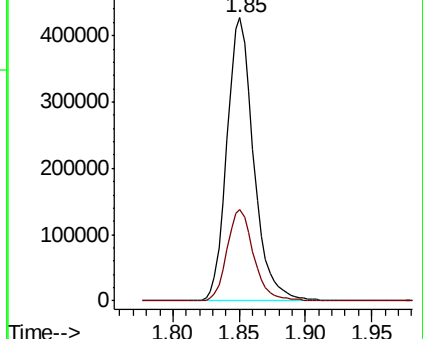
85 100

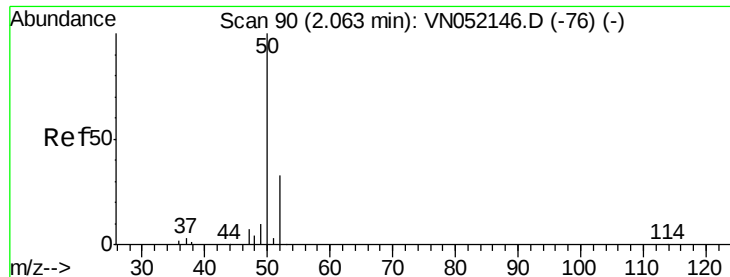
87 32.3 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 142.481 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

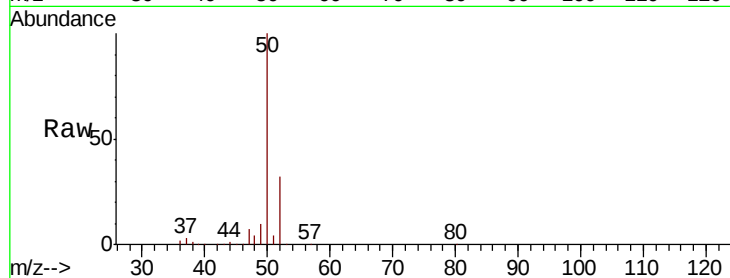
VSTDIC150

Tgt Ion: 50 Resp: 765258

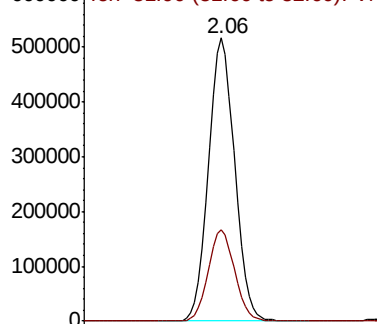
Ion Ratio Lower Upper

50 100

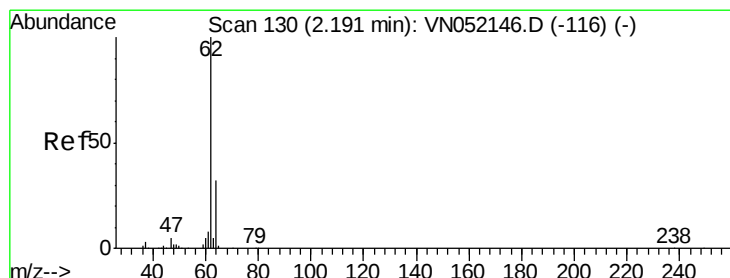
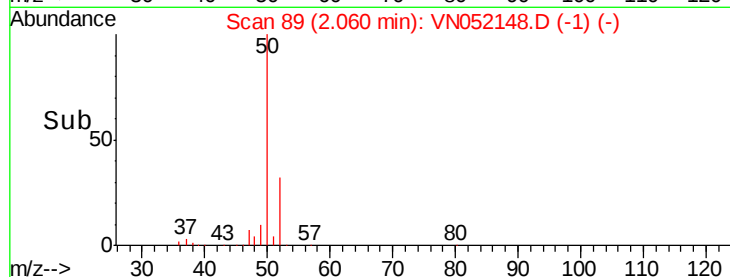
52 32.4 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



Time--> 1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 143.014 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052148.D

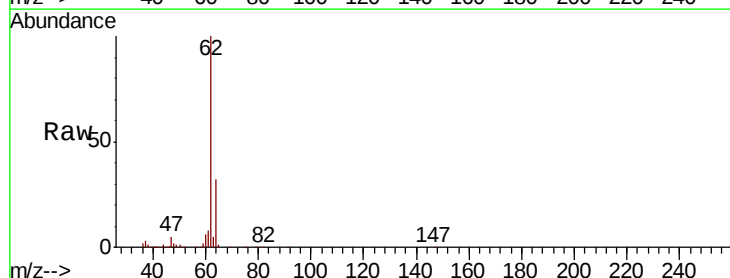
Acq: 5 Nov 2018 14:56

Tgt Ion: 62 Resp: 735690

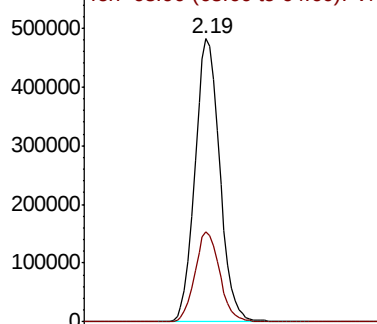
Ion Ratio Lower Upper

62 100

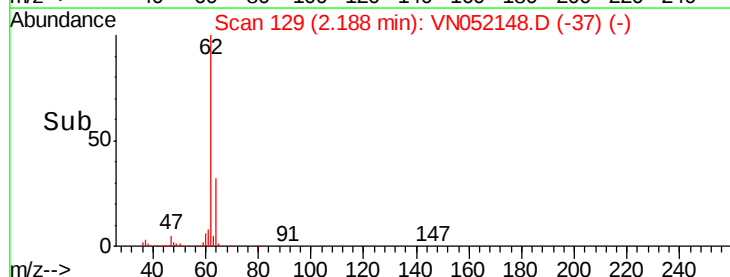
64 31.9 25.8 38.6

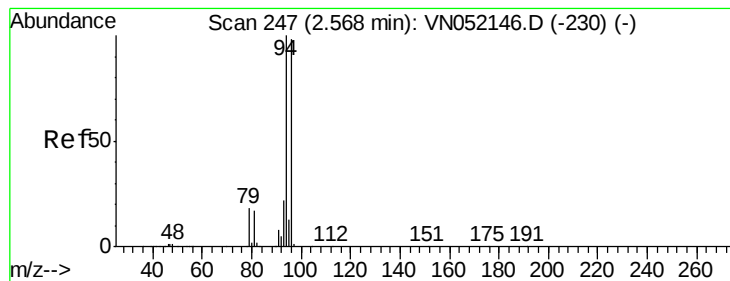


Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO



Time--> 2.10 2.15 2.20 2.25 2.30





#5

Bromomethane

Concen: 134.930 ug/l

RT: 2.56 min Scan# 245

Delta R.T. -0.01 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampled :

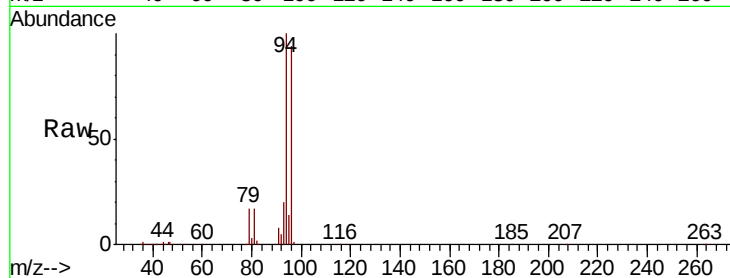
VSTDIC150

Tgt Ion: 94 Resp: 518909

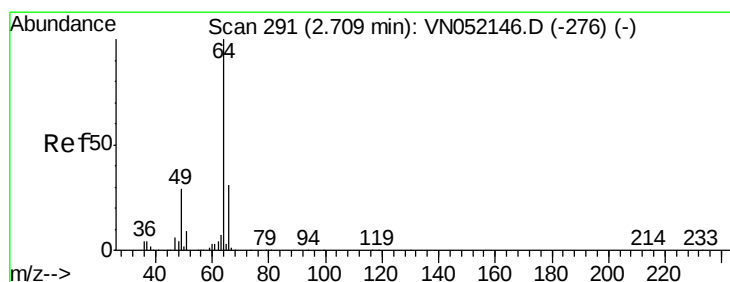
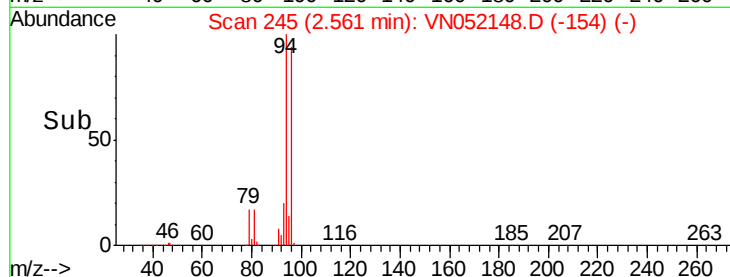
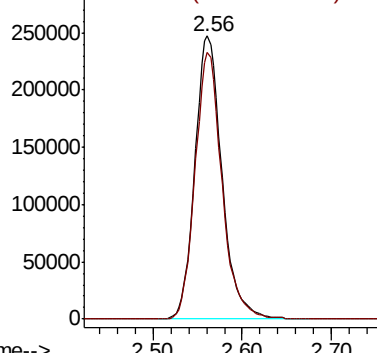
Ion Ratio Lower Upper

94 100

96 94.5 78.3 117.5



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 139.537 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN052148.D

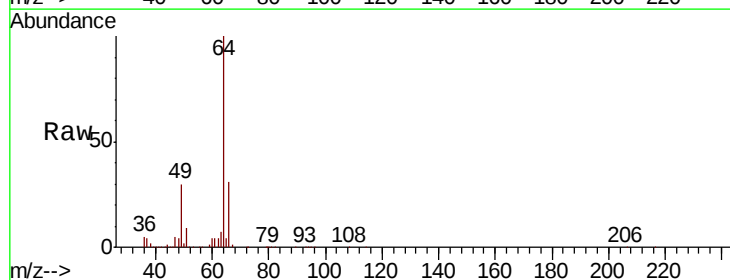
Acq: 5 Nov 2018 14:56

Tgt Ion: 64 Resp: 458963

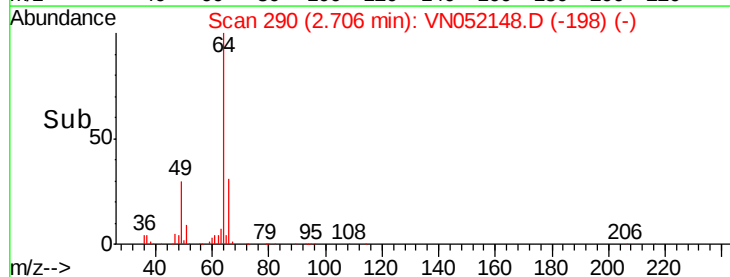
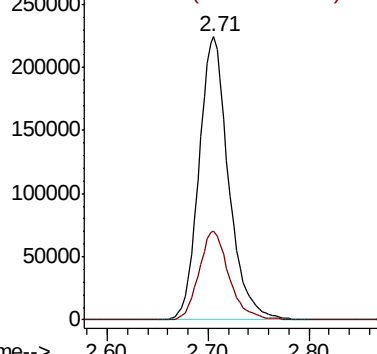
Ion Ratio Lower Upper

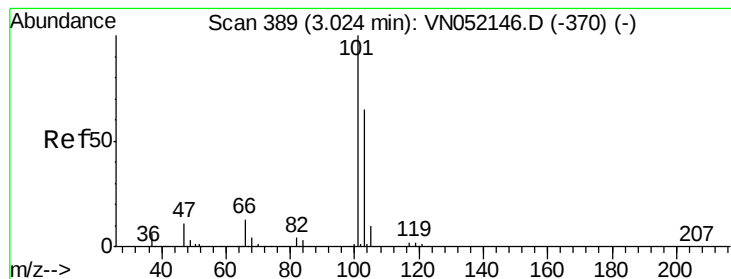
64 100

66 31.2 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



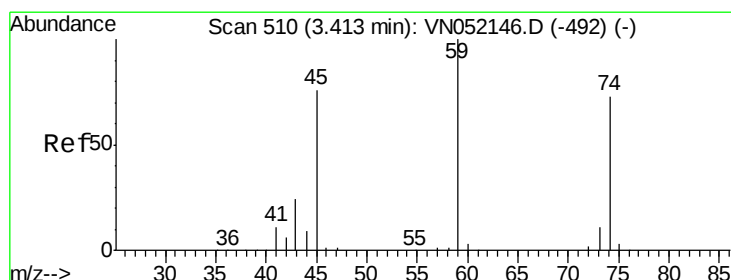
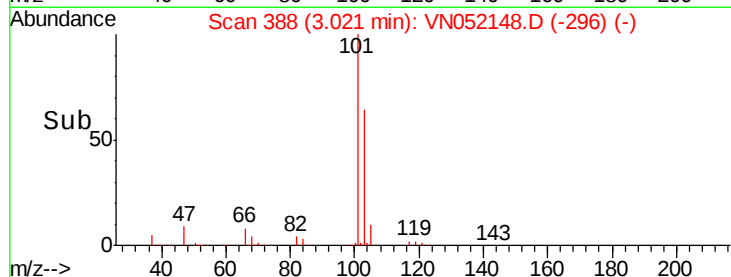
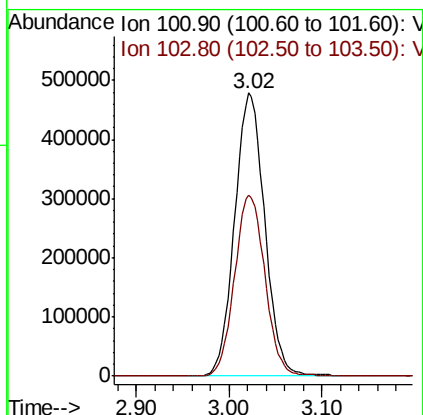
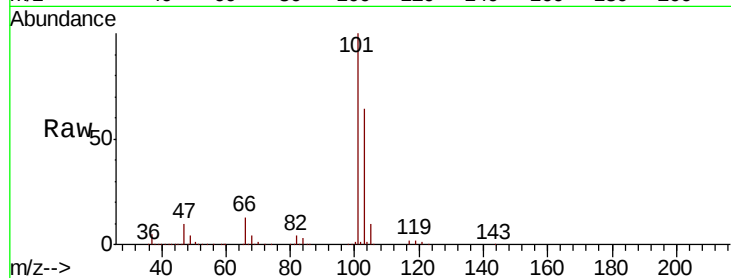


#7

Trichlorofluoromethane
 Concen: 144.347 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

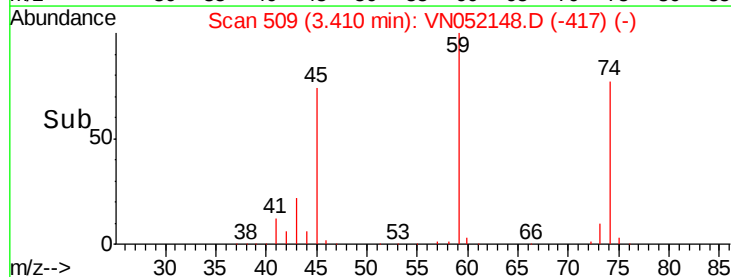
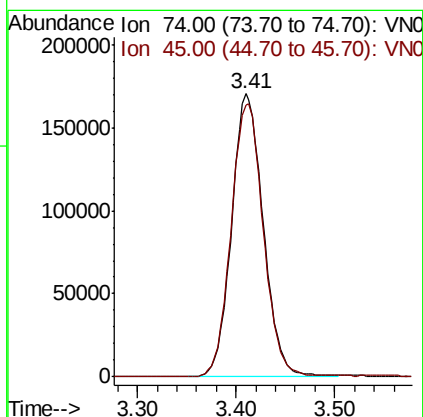
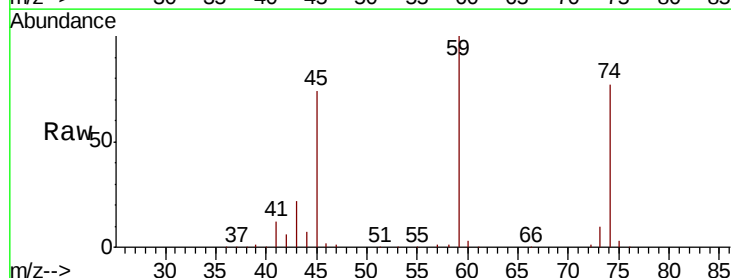
Tgt Ion: 101 Resp: 1078626
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.2 78.4

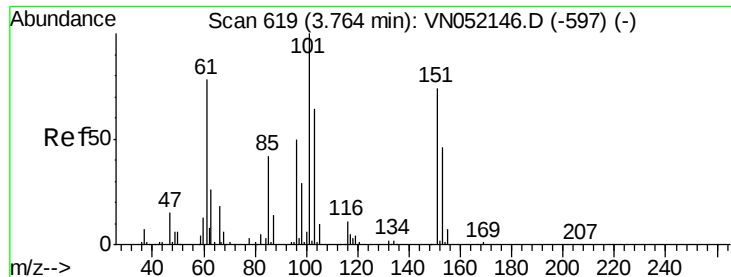


#8

Diethyl Ether
 Concen: 145.686 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Tgt Ion: 74 Resp: 380330
 Ion Ratio Lower Upper
 74 100
 45 98.0 49.1 147.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.635 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

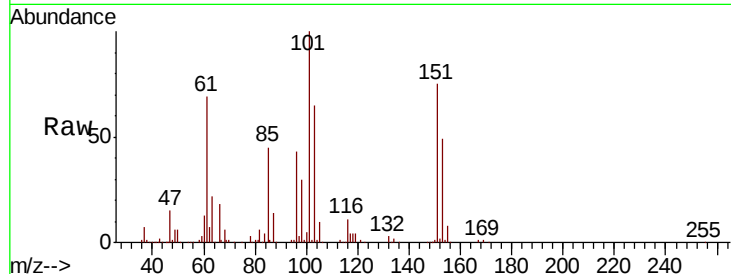
Tgt Ion:101 Resp: 645837

Ion Ratio Lower Upper

101 100

85 44.6 36.1 54.1

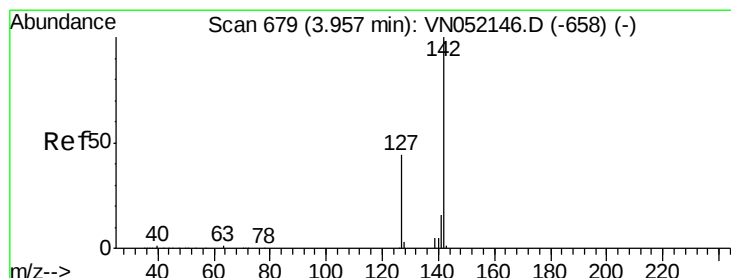
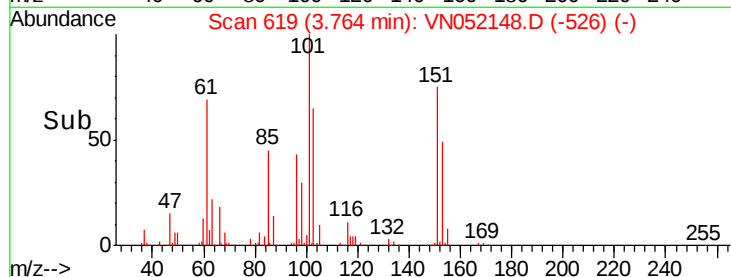
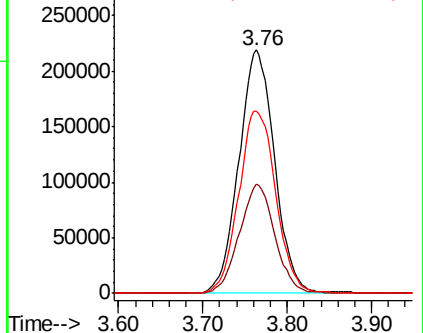
151 78.0 59.7 89.5



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: 161.888 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

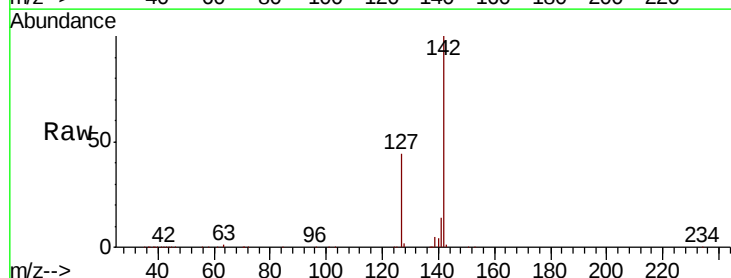
Tgt Ion:142 Resp: 1020609

Ion Ratio Lower Upper

142 100

127 44.6 36.0 54.0

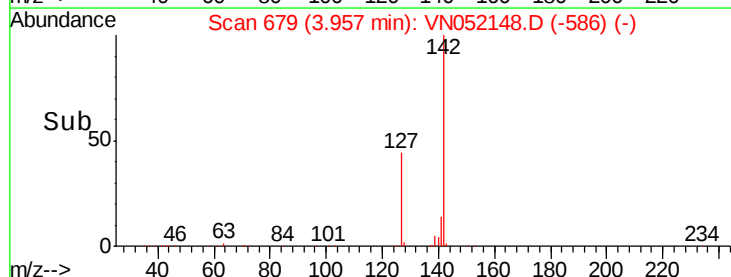
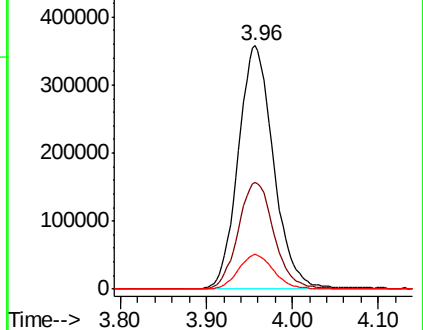
141 14.2 11.8 17.6

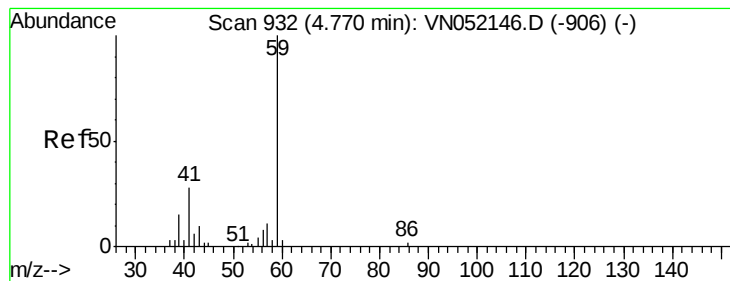


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



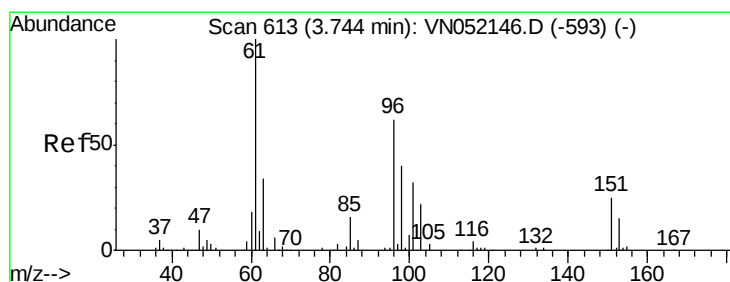
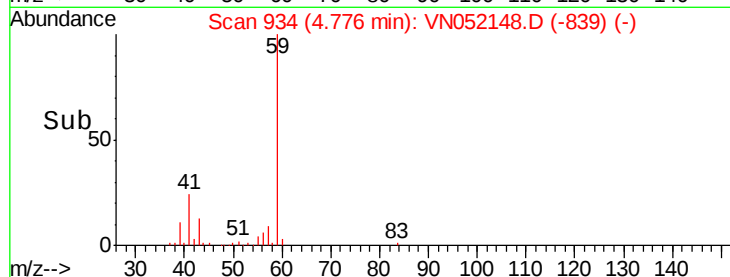
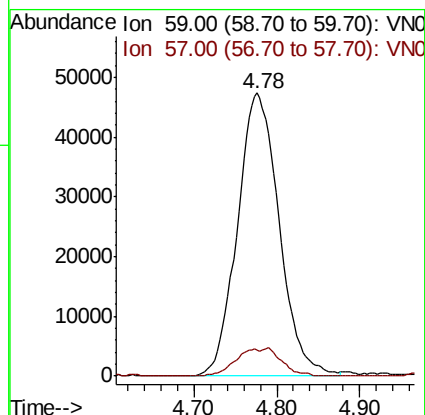
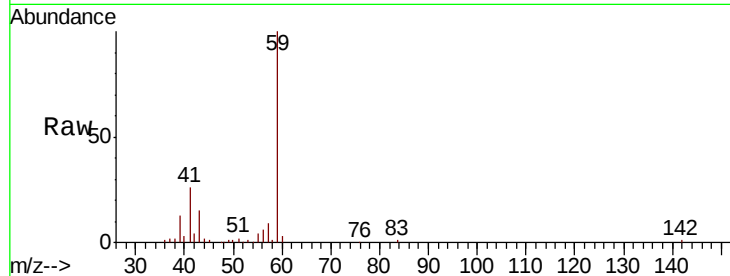


#11

Tert butyl alcohol
 Concen: 704.130 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. 0.01 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

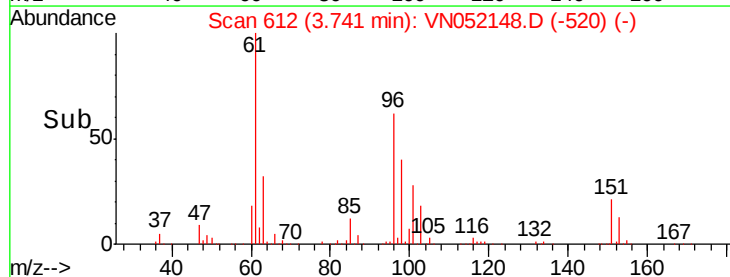
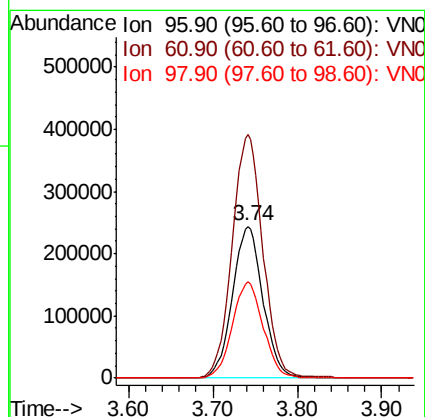
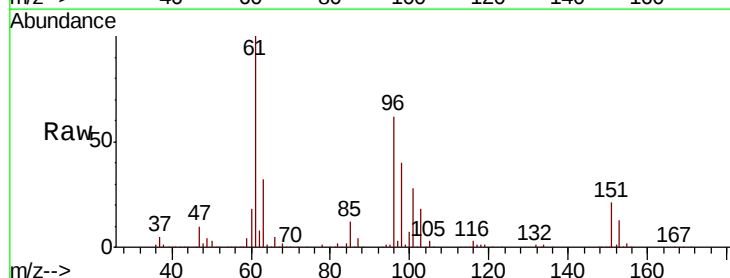
Tgt Ion: 59 Resp: 165793
 Ion Ratio Lower Upper
 59 100
 57 5.9 5.7 8.5

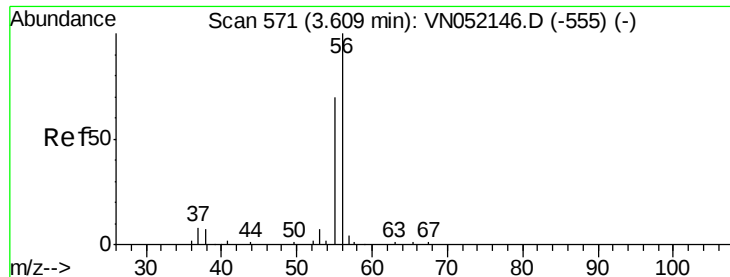


#12

1,1-Dichloroethene
 Concen: 146.276 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Tgt Ion: 96 Resp: 614936
 Ion Ratio Lower Upper
 96 100
 61 160.3 128.4 192.6
 98 63.7 50.9 76.3





#13

Acrolein

Concen: 953.449 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

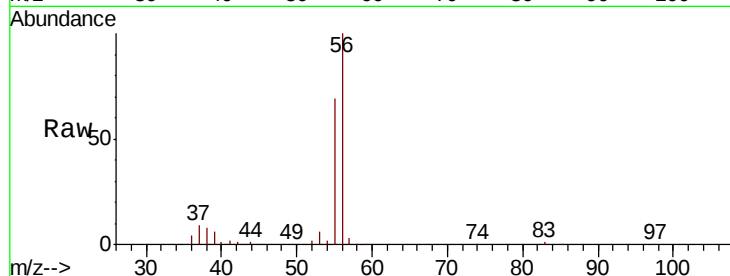
VSTDIC150

Tgt Ion: 56 Resp: 201832

Ion Ratio Lower Upper

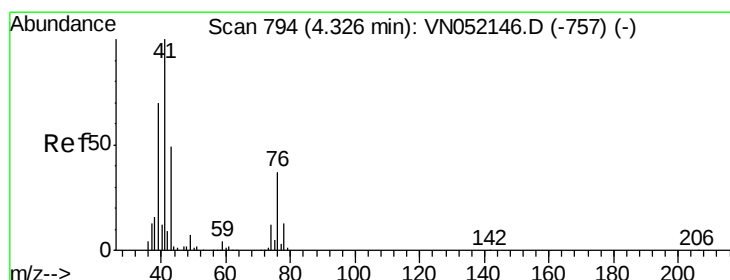
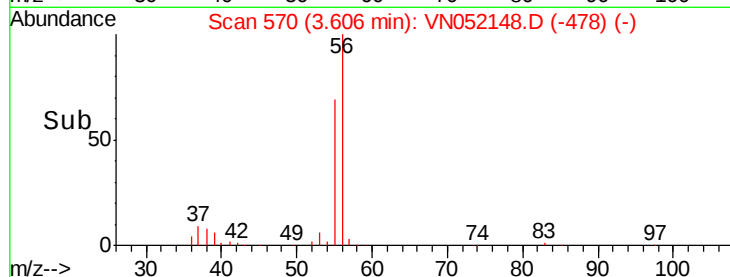
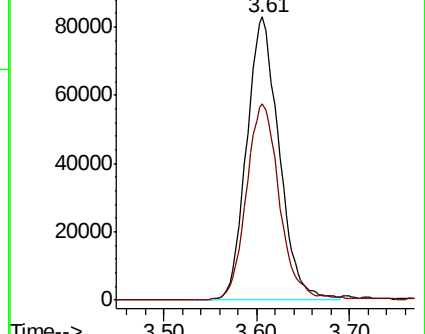
56 100

55 71.1 56.6 84.8



Abundance Ion 56.00 (55.70 to 56.70): VN052148.D (-555) (-)

Ion 55.00 (54.70 to 55.70): VN052148.D (-555) (-)



#14

Allyl chloride

Concen: 155.097 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

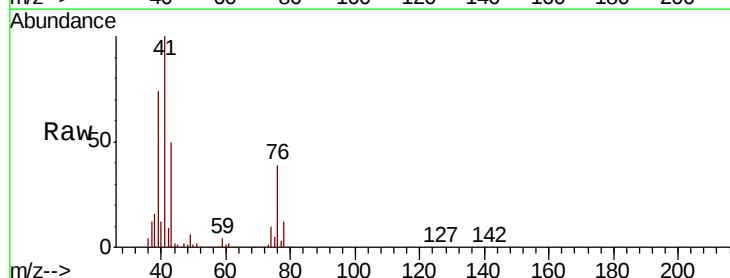
Tgt Ion: 41 Resp: 1088220

Ion Ratio Lower Upper

41 100

39 69.9 55.3 82.9

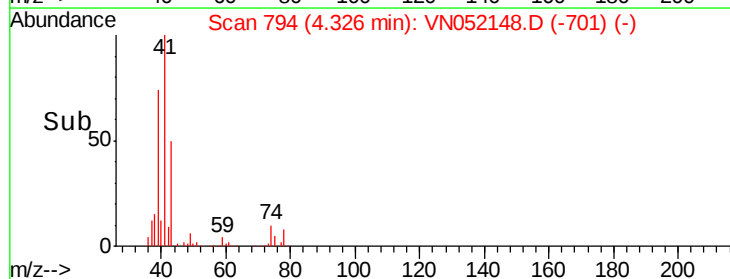
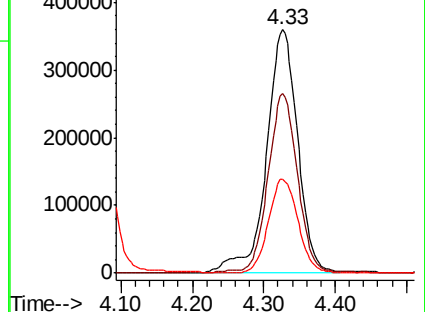
76 36.0 27.8 41.8

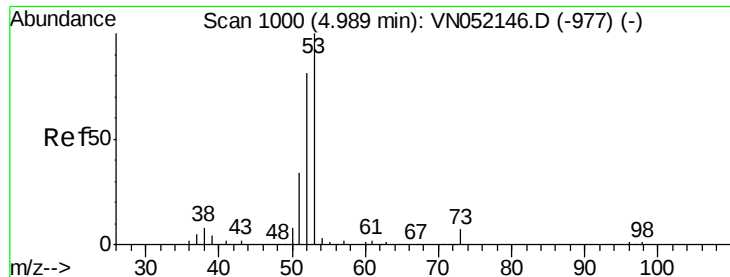


Abundance Ion 41.00 (40.70 to 41.70): VN052148.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN052148.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN052148.D (-757) (-)





#15

Acrylonitrile

Concen: 727.533 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

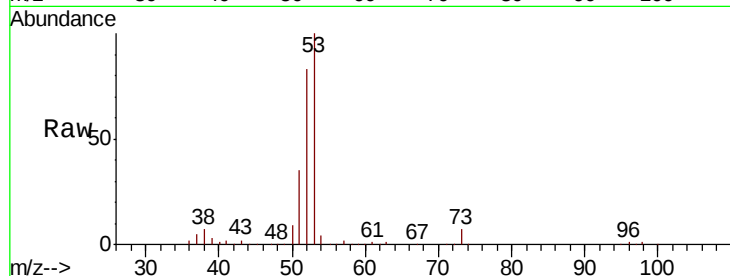
Tgt Ion: 53 Resp: 1126937

Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.5	99.7
51	35.9	29.2	43.8

53 100

52 82.4 66.5 99.7

51 35.9 29.2 43.8

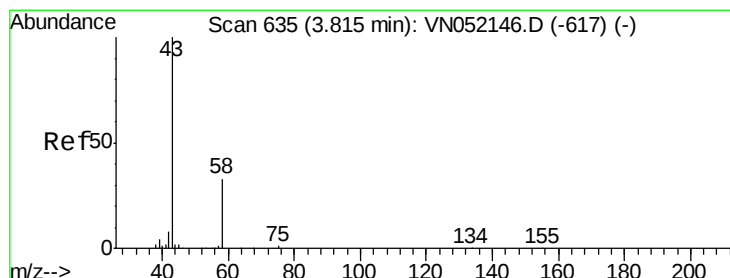
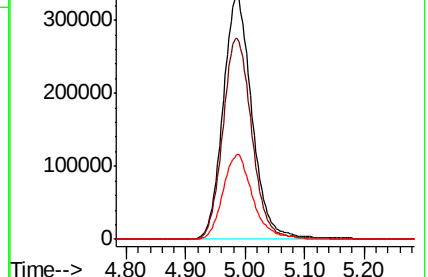
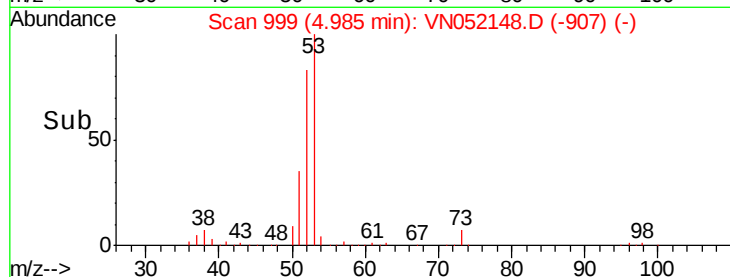


Abundance Ion 53.00 (52.70 to 53.70): VN052148.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN052148.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN052148.D (-907) (-)

4.99



#16

Acetone

Concen: 660.055 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052148.D

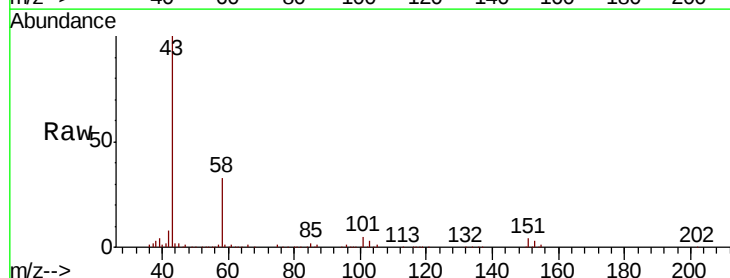
Acq: 5 Nov 2018 14:56

Tgt Ion: 43 Resp: 809211

Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.2	39.2

43 100

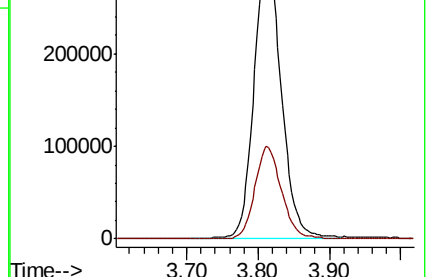
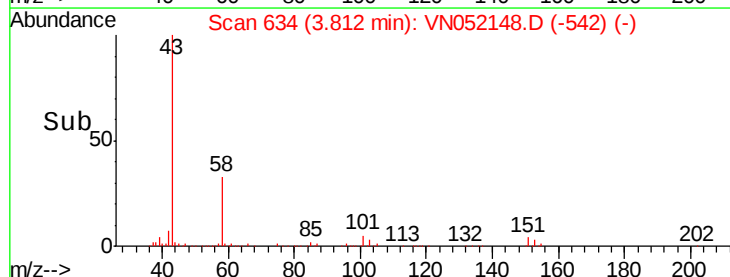
58 32.6 26.2 39.2

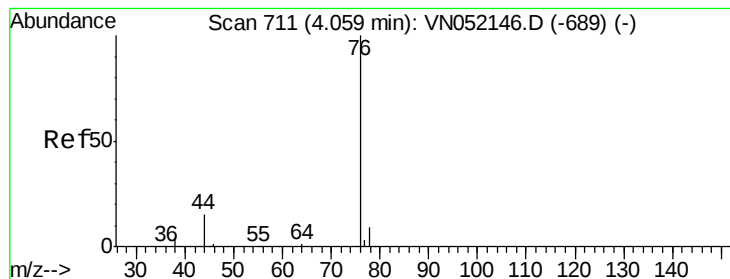


Abundance Ion 43.00 (42.70 to 43.70): VN052148.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052148.D (-542) (-)

3.81





#17

Carbon Disulfide

Concen: 154.940 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

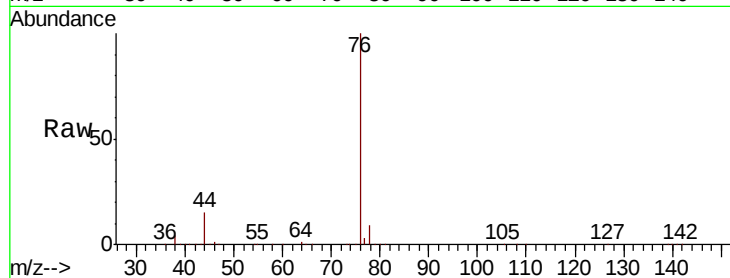
VSTDIC150

Tgt Ion: 76 Resp: 1858738

Ion Ratio Lower Upper

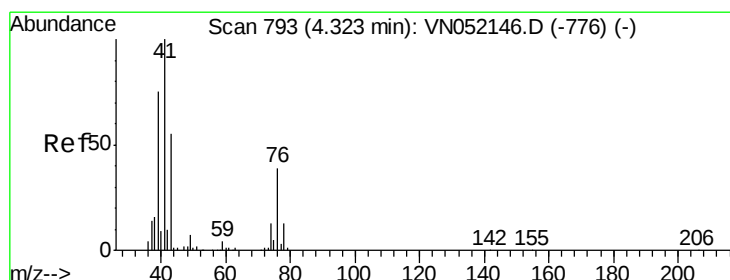
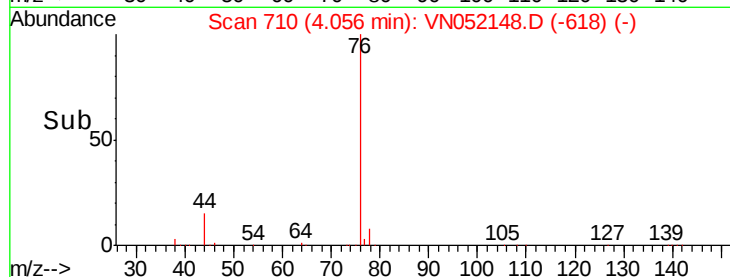
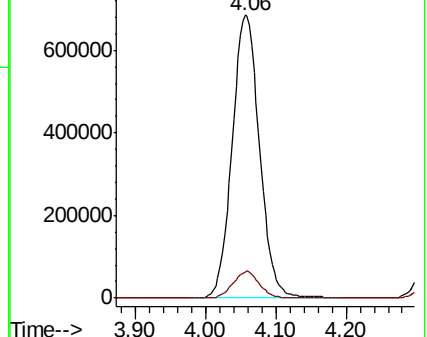
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN052148.D (-618) (-)

Ion 77.90 (77.60 to 78.60): VN052148.D (-618) (-)



#18

Methyl Acetate

Concen: 134.507 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN052148.D

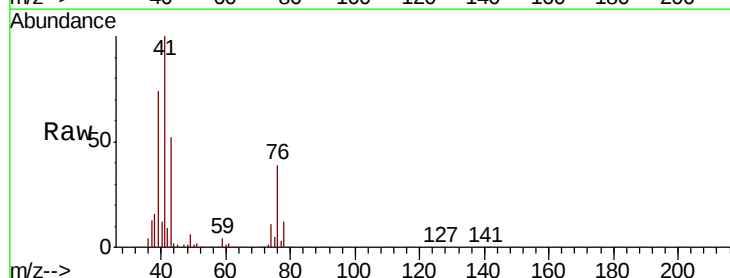
Acq: 5 Nov 2018 14:56

Tgt Ion: 43 Resp: 510334

Ion Ratio Lower Upper

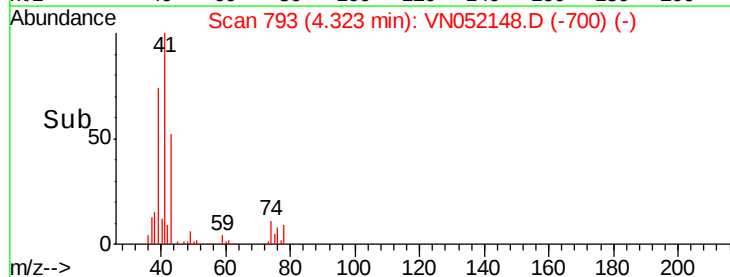
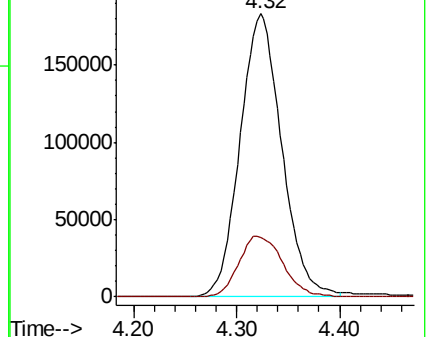
43 100

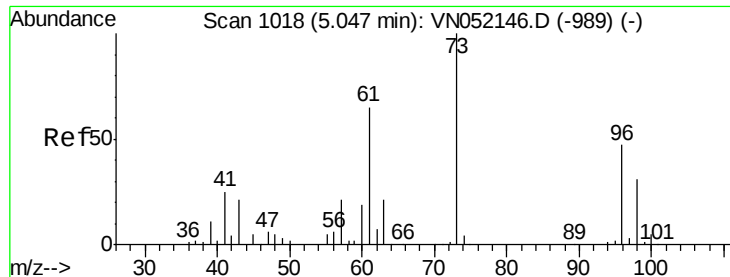
74 23.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN052148.D (-700) (-)

Ion 74.00 (73.70 to 74.70): VN052148.D (-700) (-)

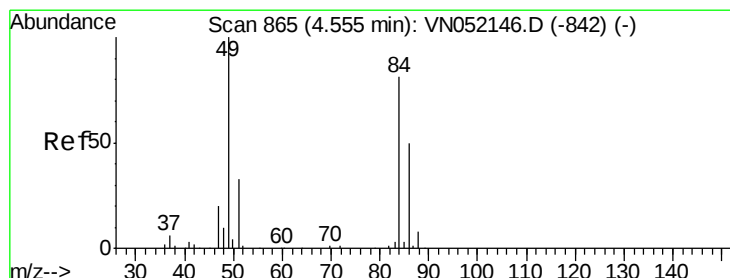
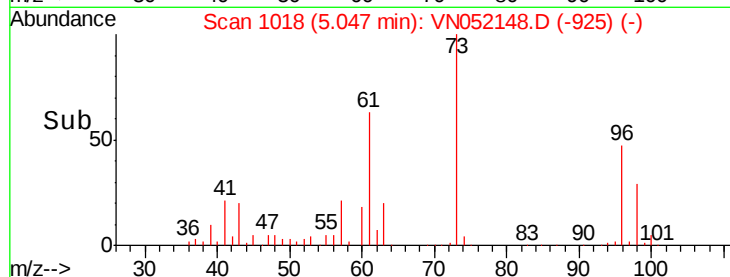
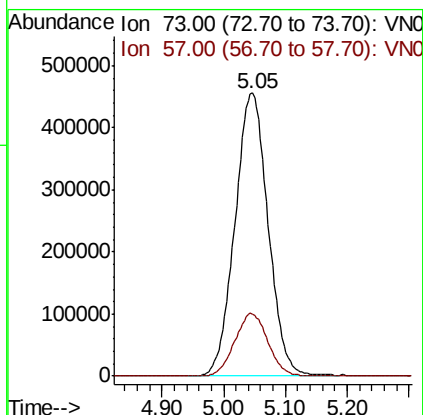
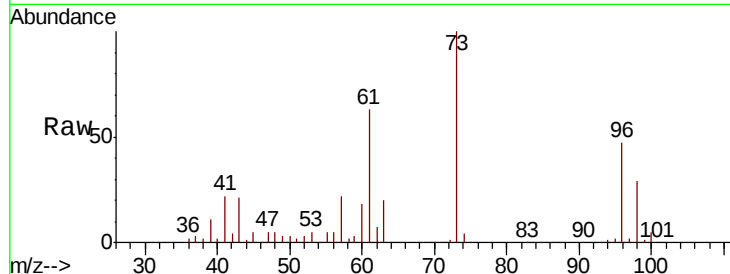




#19
Methyl tert-butyl Ether
Concen: 146.743 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

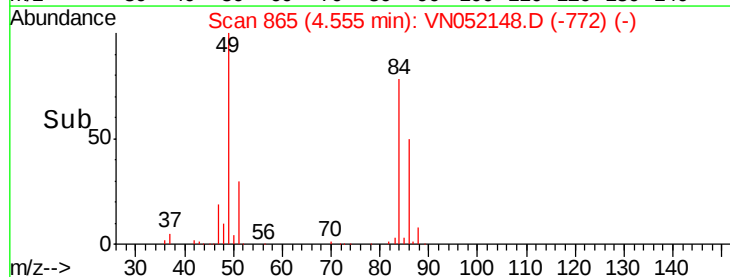
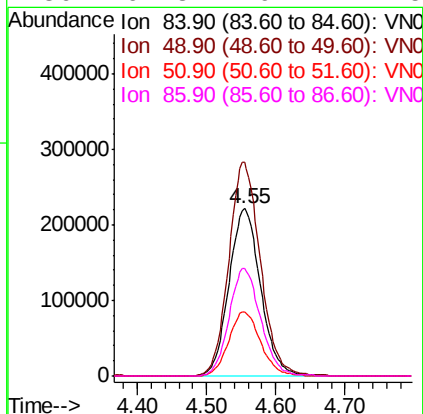
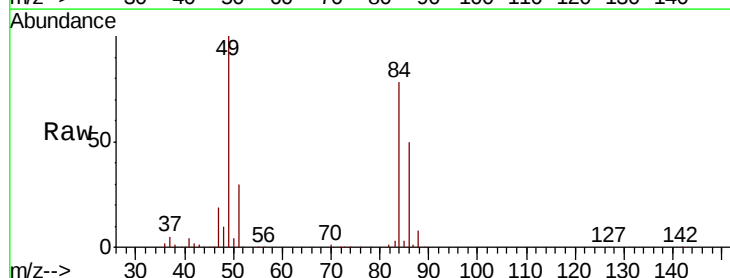
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

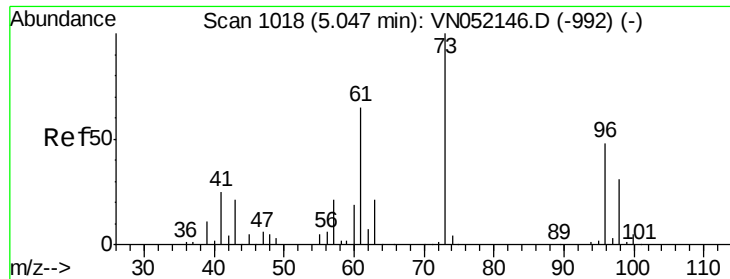
Tgt Ion: 73 Resp: 1699364
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2



#20
Methylene Chloride
Concen: 138.798 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Tgt Ion: 84 Resp: 707038
Ion Ratio Lower Upper
84 100
49 127.6 98.4 147.6
51 38.3 32.5 48.7
86 64.3 49.7 74.5

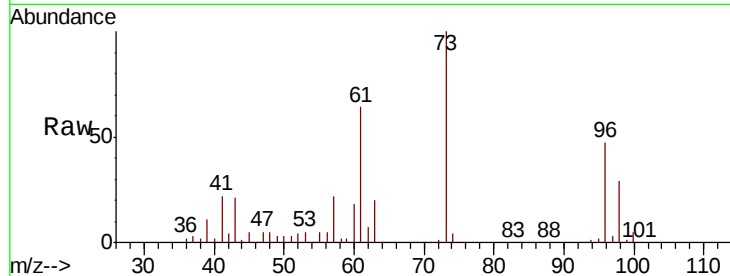




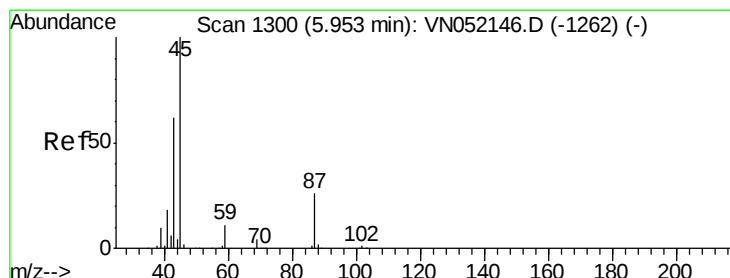
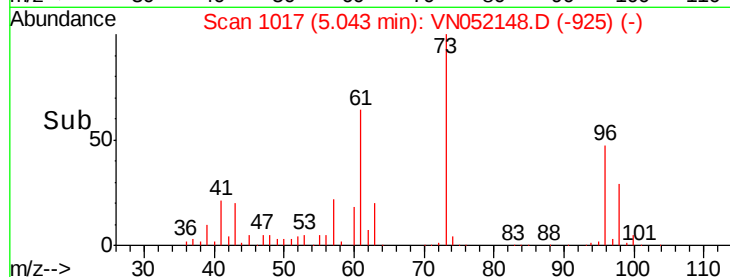
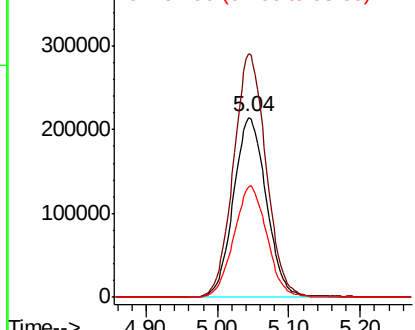
#21
trans-1,2-Dichloroethene
Concen: 157.947 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 96 Resp: 690518
Ion Ratio Lower Upper
96 100
61 135.5 109.6 164.4
98 61.4 52.0 78.0

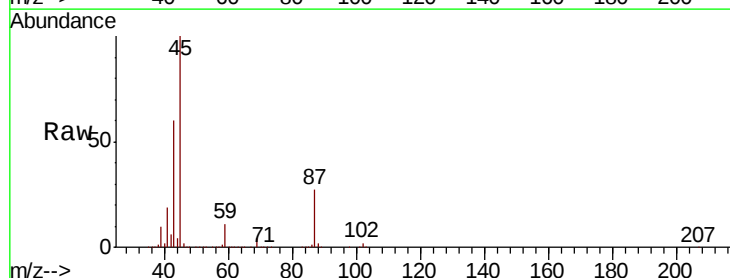


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

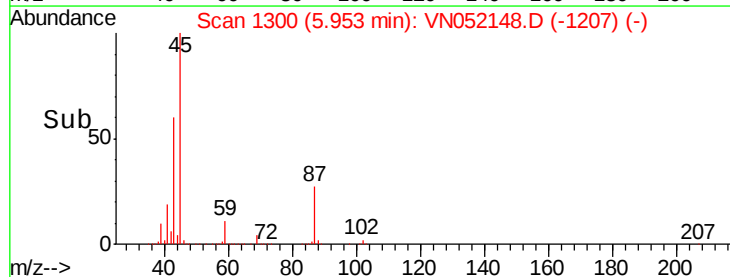
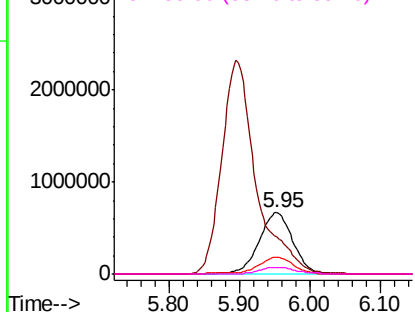


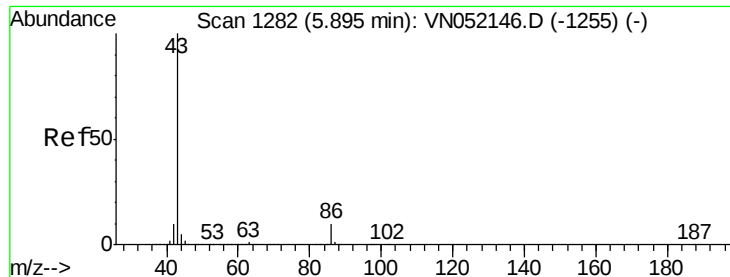
#22
Diisopropyl ether
Concen: 144.610 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Tgt Ion: 45 Resp: 2236836
Ion Ratio Lower Upper
45 100
43 59.5 49.8 74.6
87 27.2 21.1 31.7
59 11.3 8.9 13.3



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





#23

Vinyl Acetate

Concen: 783.720 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

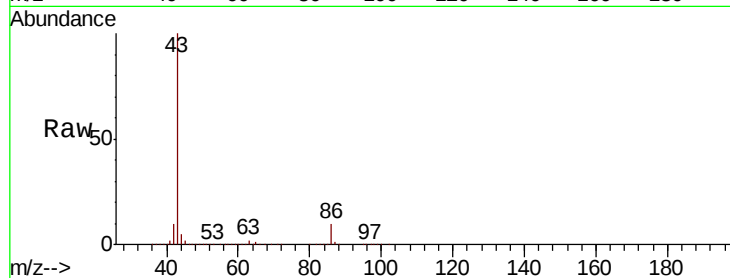
VSTDIC150

Tgt Ion: 43 Resp: 7973526

Ion Ratio Lower Upper

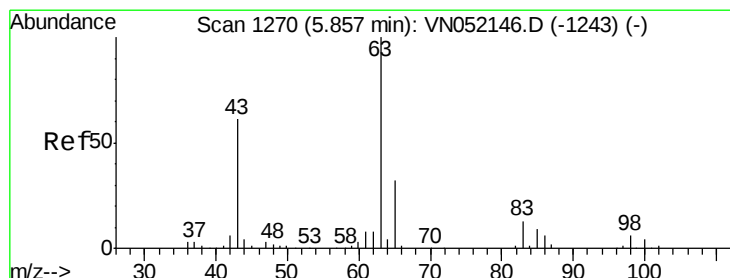
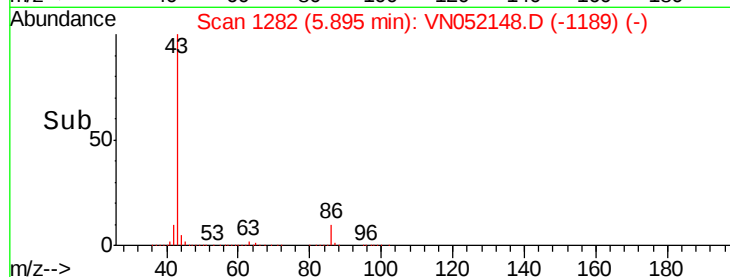
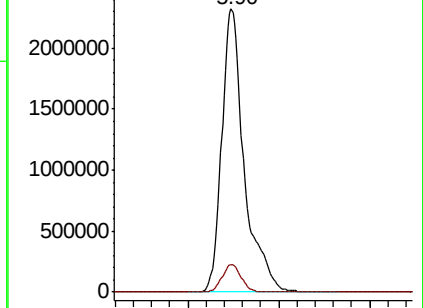
43 100

86 9.8 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VN052148.D (-1255) (-)

Ion 86.00 (85.70 to 86.70): VN052148.D (-1255) (-)



#24

1,1-Dichloroethane

Concen: 144.107 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

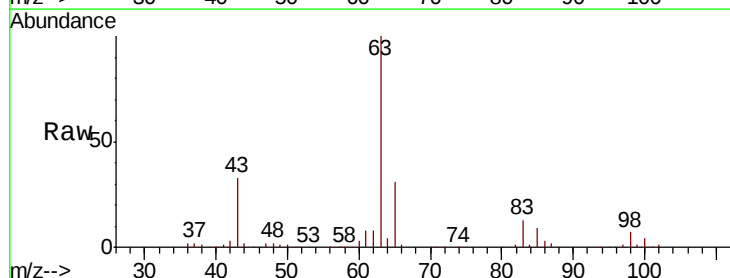
Tgt Ion: 63 Resp: 1260953

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

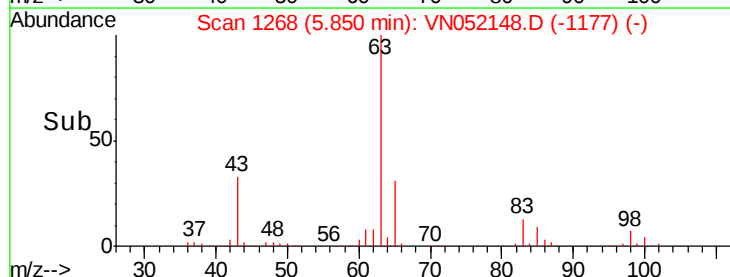
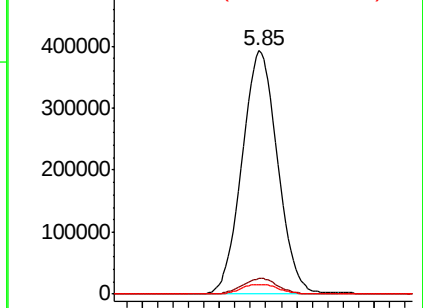
100 3.9 2.1 6.2

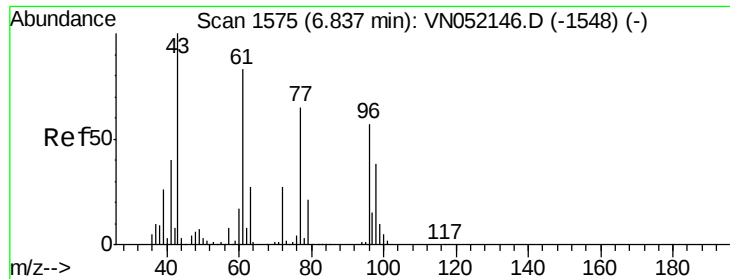


Abundance Ion 62.90 (62.60 to 63.60): VN052148.D (-1177) (-)

Ion 97.90 (97.60 to 98.60): VN052148.D (-1177) (-)

Ion 99.90 (99.60 to 100.60): VN052148.D (-1177) (-)





#25

2-Butanone

Concen: 674.096 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

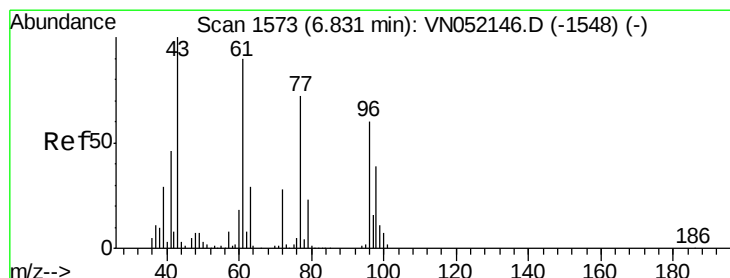
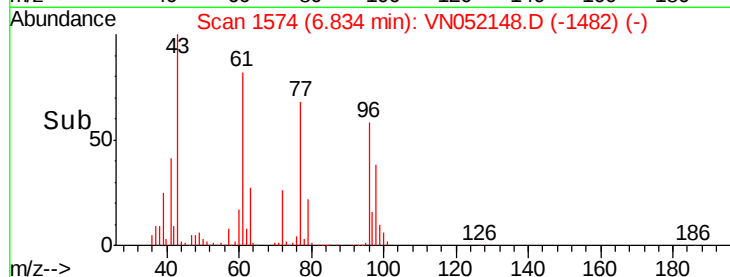
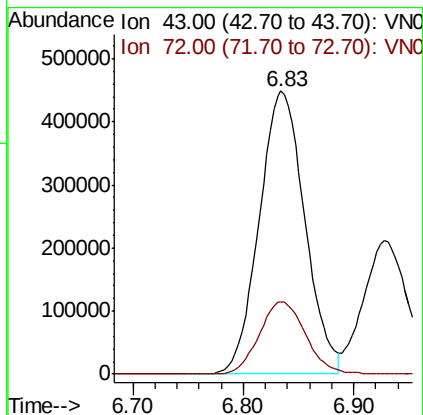
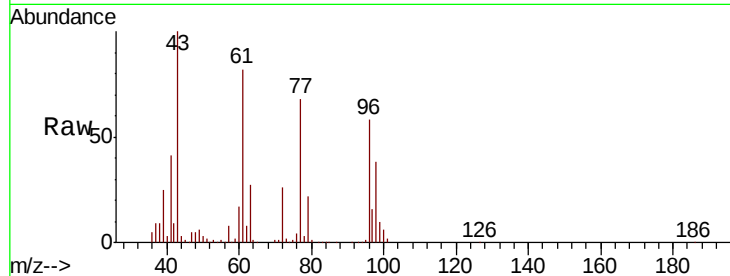
VSTDIC150

Tgt Ion: 43 Resp: 1281483

Ion Ratio Lower Upper

43 100

72 25.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 148.564 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN052148.D

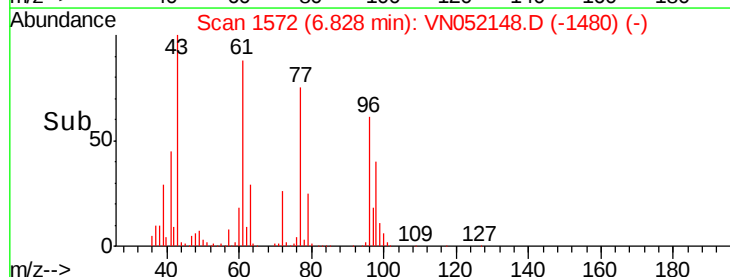
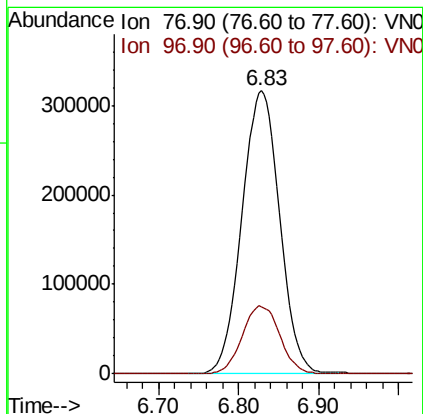
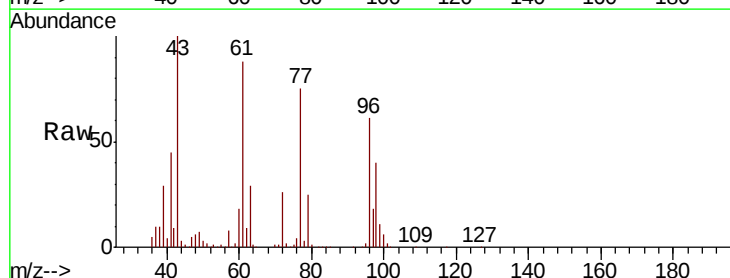
Acq: 5 Nov 2018 14:56

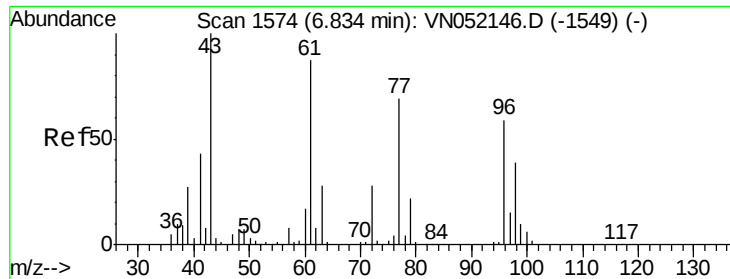
Tgt Ion: 77 Resp: 1016752

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 146.408 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

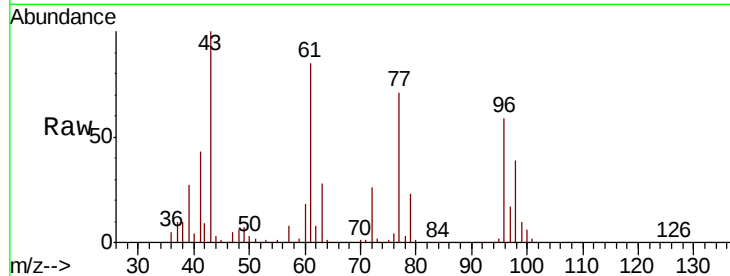
Tgt Ion: 96 Resp: 776475

Ion Ratio Lower Upper

96 100

61 143.1 0.0 291.8

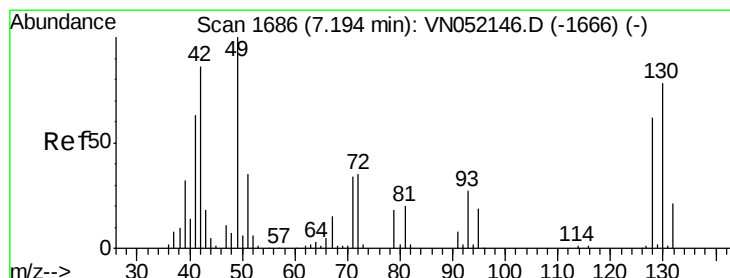
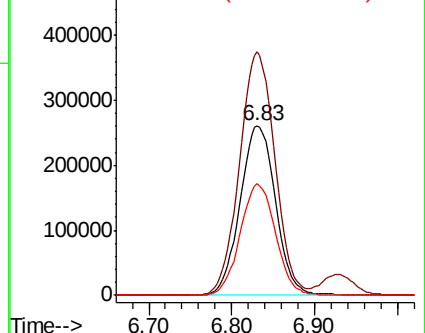
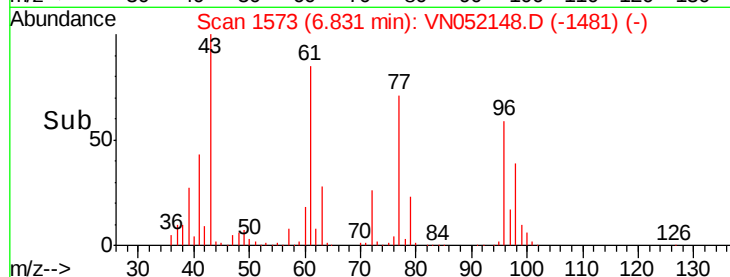
98 65.9 0.0 130.0



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: 145.018 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

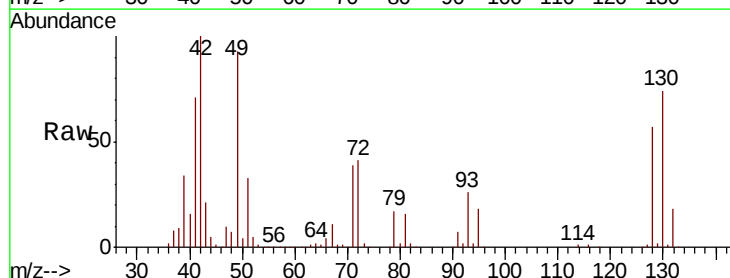
Tgt Ion: 49 Resp: 600734

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

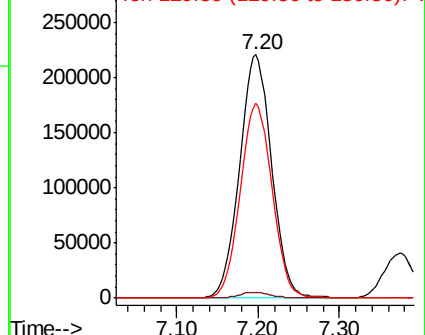
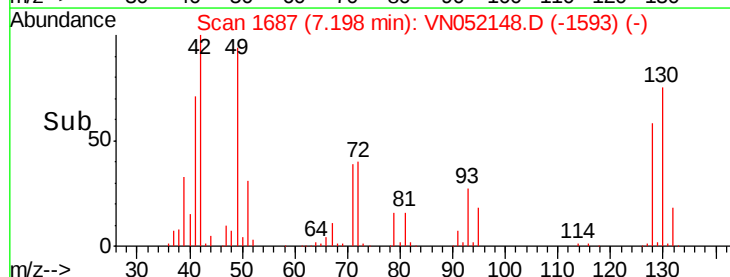
130 79.5 59.8 89.6

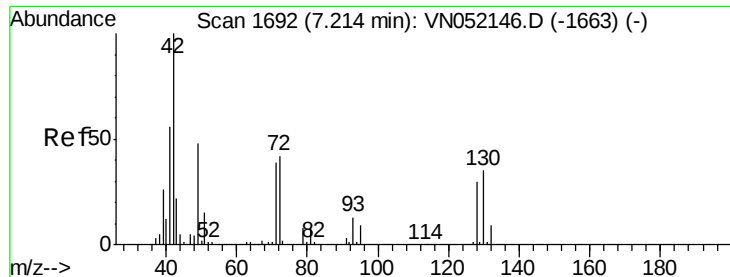


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

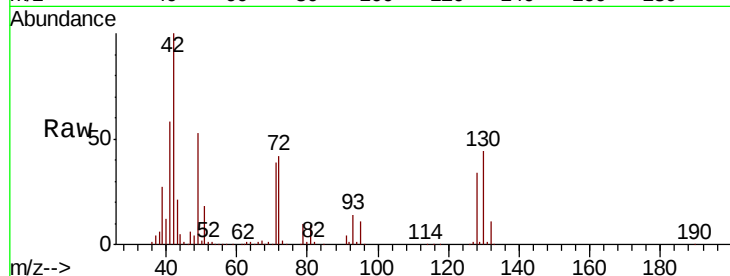




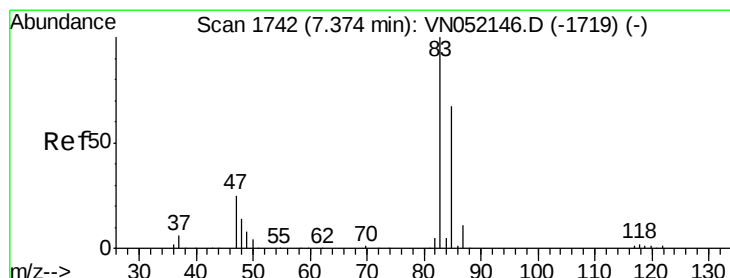
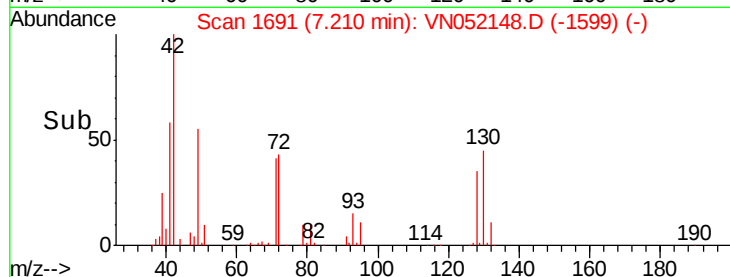
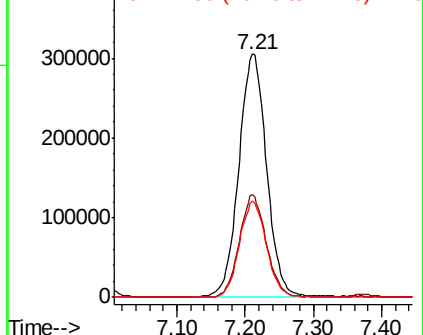
#29
Tetrahydrofuran
Concen: 732.903 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 862058
Ion Ratio Lower Upper
42 100
72 41.1 32.3 48.5
71 38.4 31.0 46.6

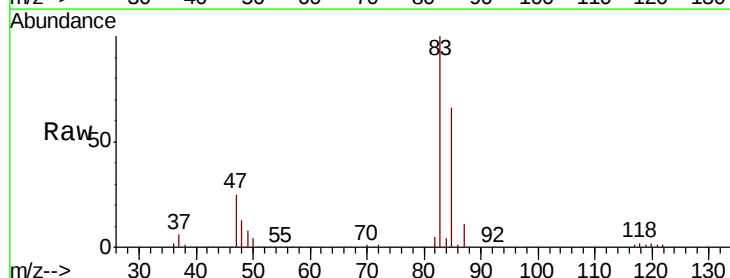


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

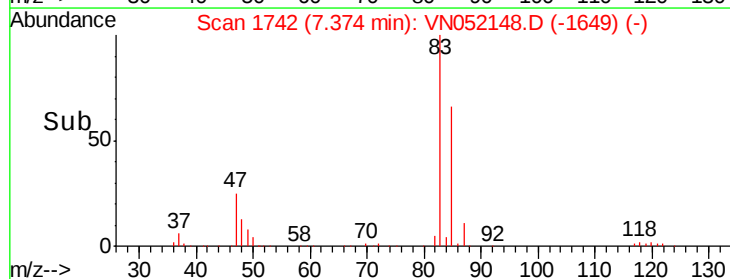
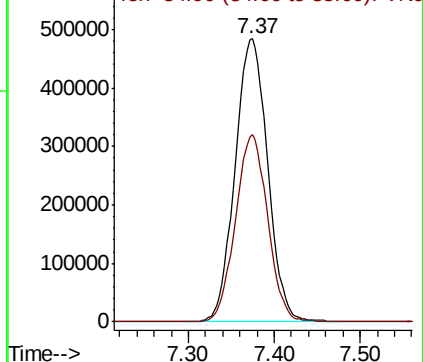


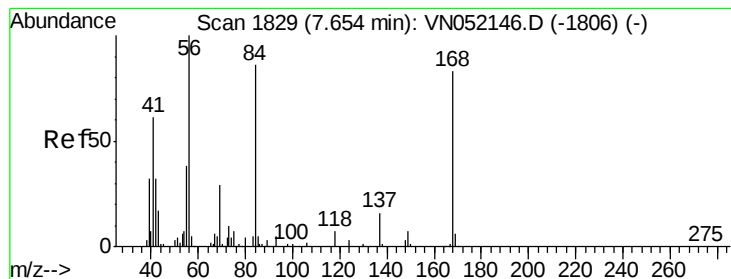
#30
Chloroform
Concen: 146.321 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Tgt Ion: 83 Resp: 1275045
Ion Ratio Lower Upper
83 100
85 66.0 53.7 80.5



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





#31

Cyclohexane

Concen: 117.799 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

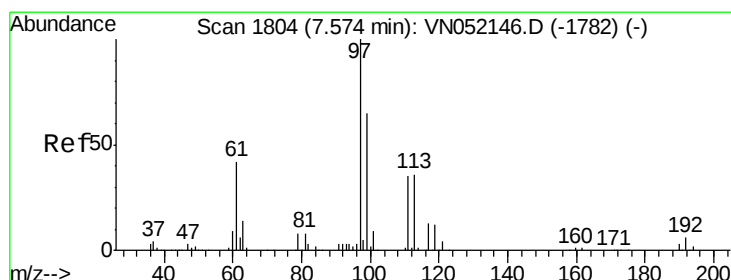
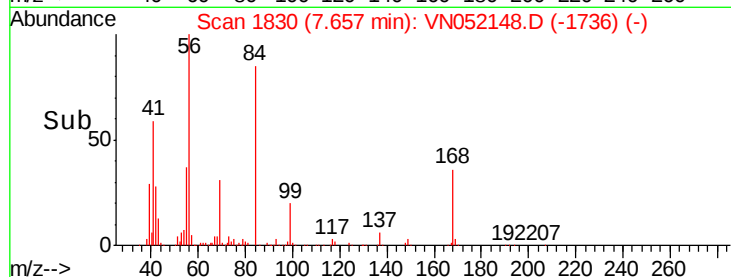
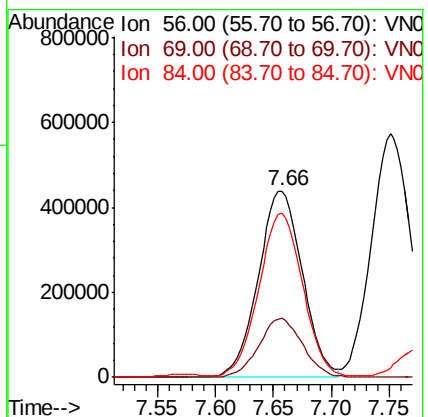
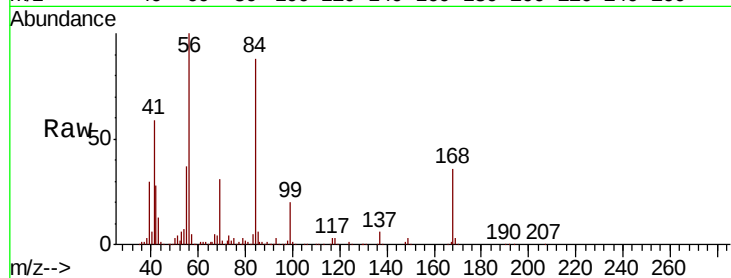
Tgt Ion: 56 Resp: 1163754

Ion Ratio Lower Upper

56 100

69 31.5 23.5 35.3

84 86.4 68.7 103.1



#32

1,1,1-Trichloroethane

Concen: 147.416 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

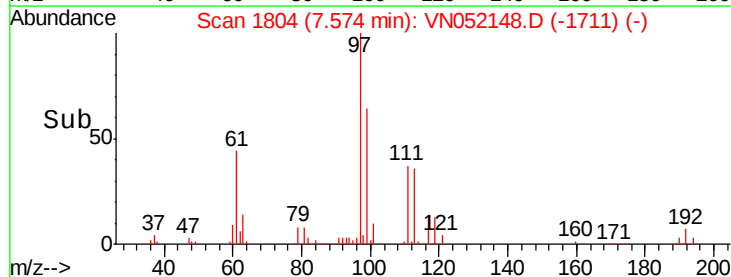
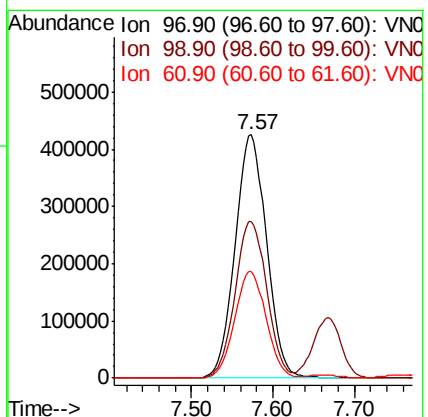
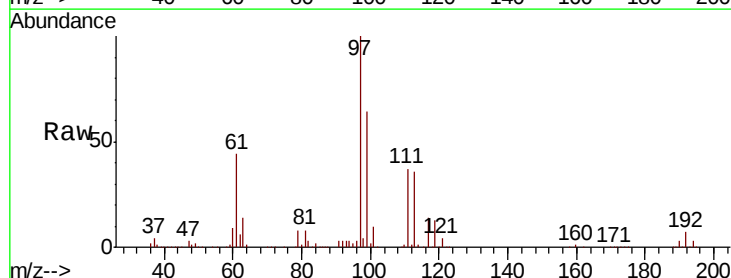
Tgt Ion: 97 Resp: 1139450

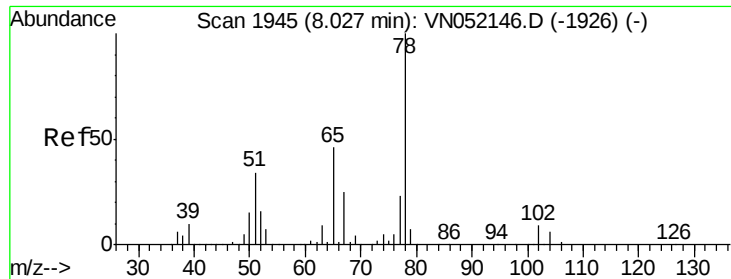
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 44.0 35.1 52.7

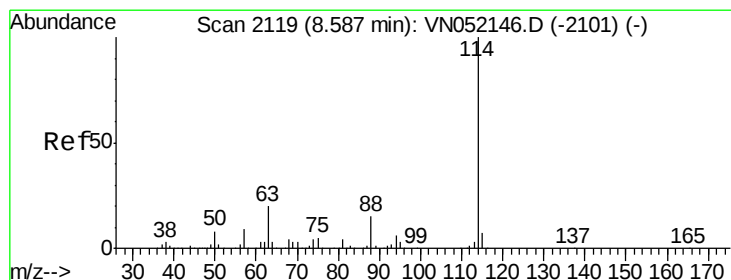
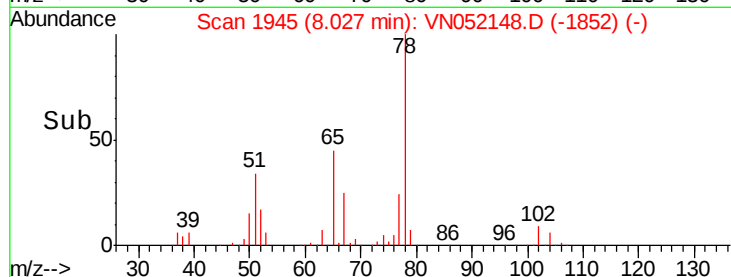
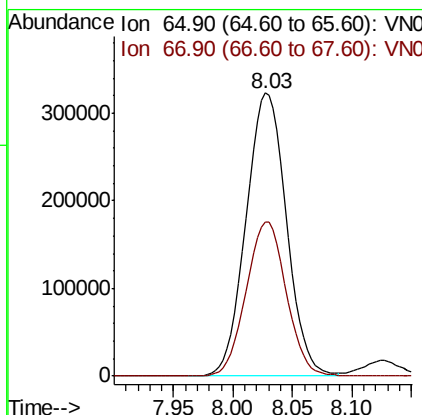
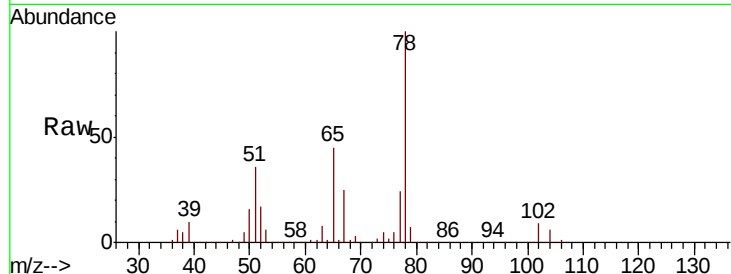




#33
 1,2-Dichloroethane-d4
 Concen: 147.416 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

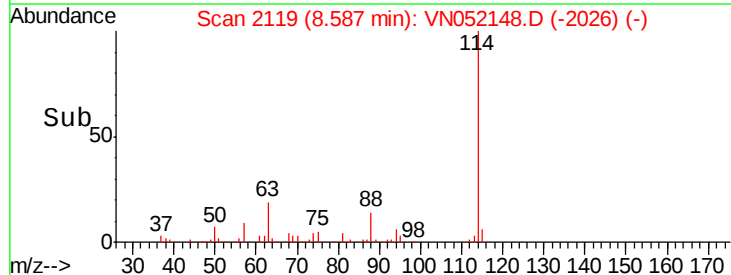
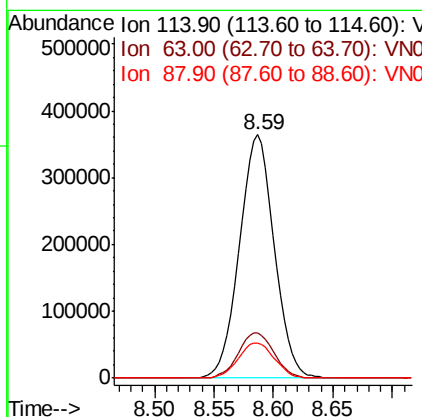
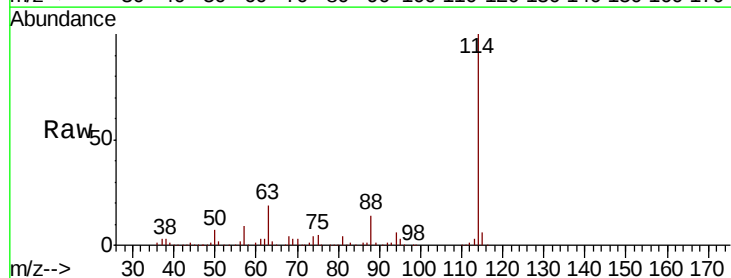
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

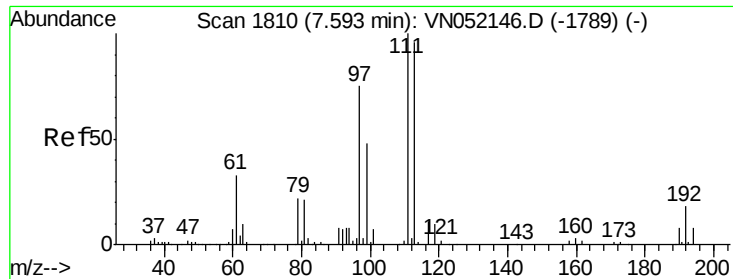
Tgt Ion: 65 Resp: 760007
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Tgt Ion: 114 Resp: 737097
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 40.0
 88 14.3 0.0 31.0

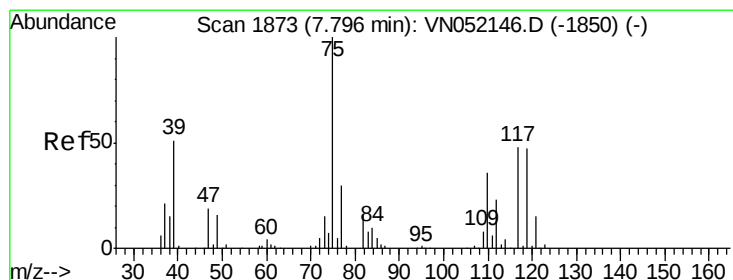
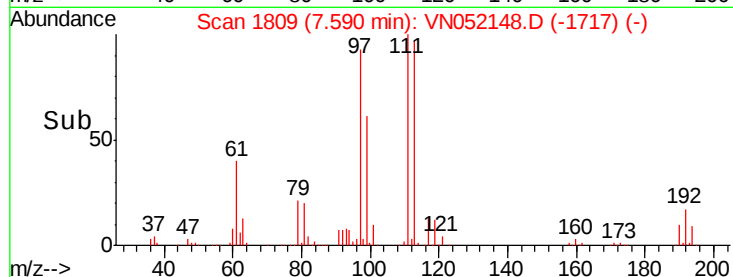
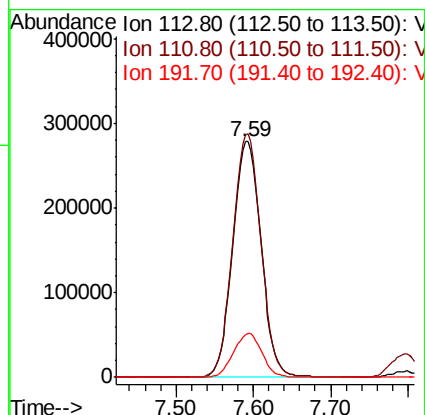
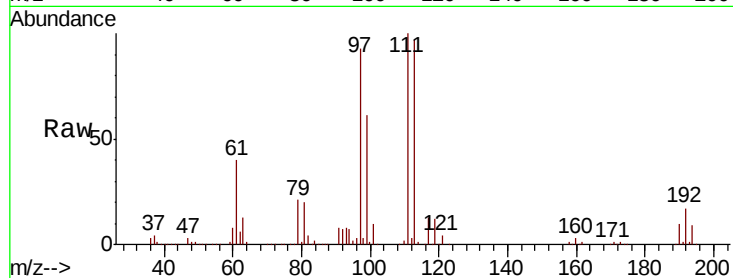




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

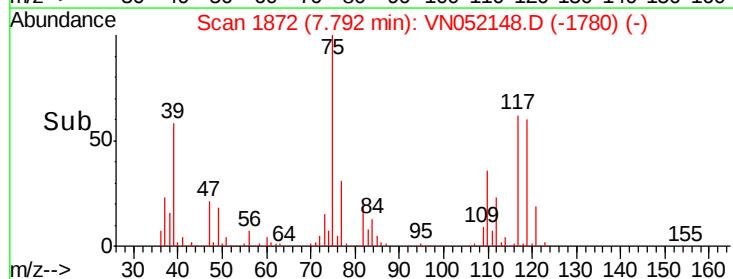
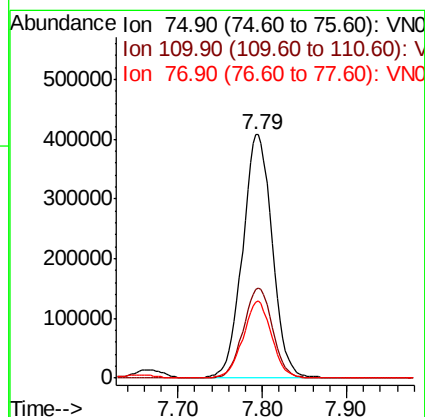
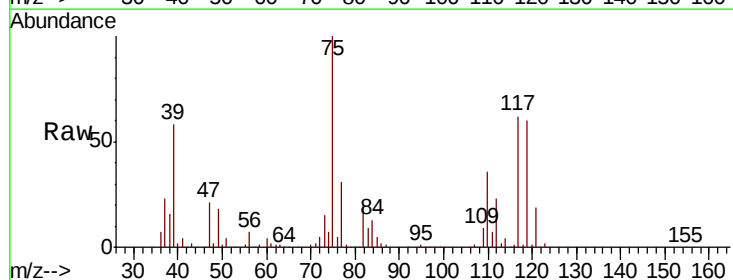
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

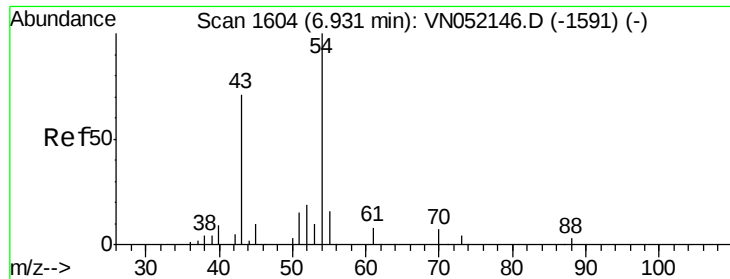
Tgt Ion: 113 Resp: 706636
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 18.7 14.2 21.4



#36
 1,1-Dichloropropene
 Concen: 152.742 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Tgt Ion: 75 Resp: 995971
 Ion Ratio Lower Upper
 75 100
 110 36.6 17.8 53.5
 77 30.6 24.0 36.0

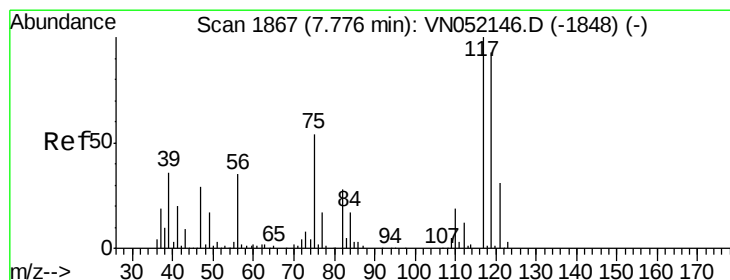
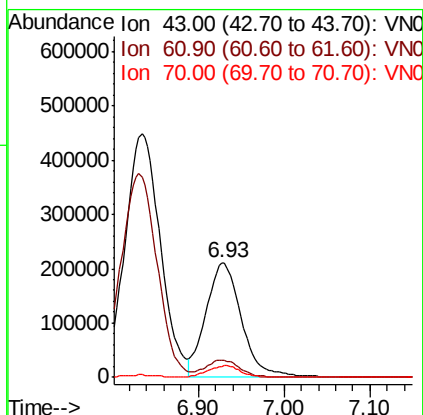
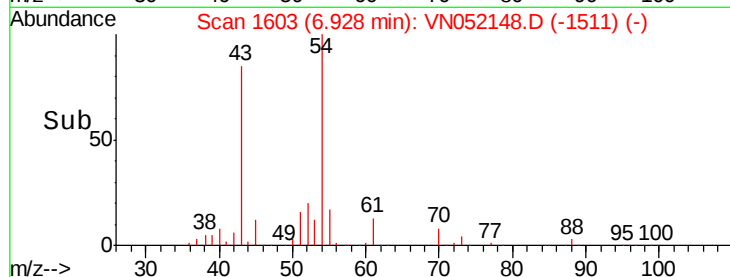
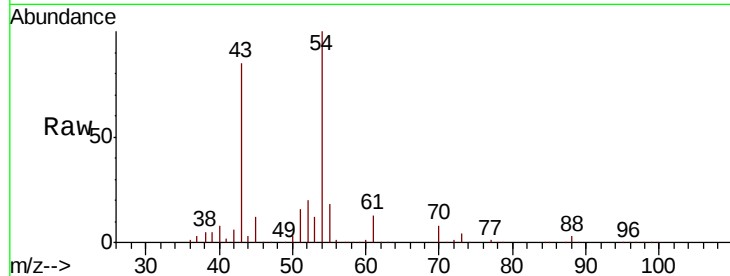




#37
Ethyl Acetate
 Concen: 146.674 ug/l
 RT: 6.93 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

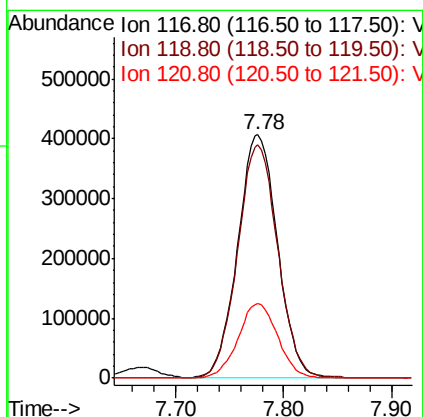
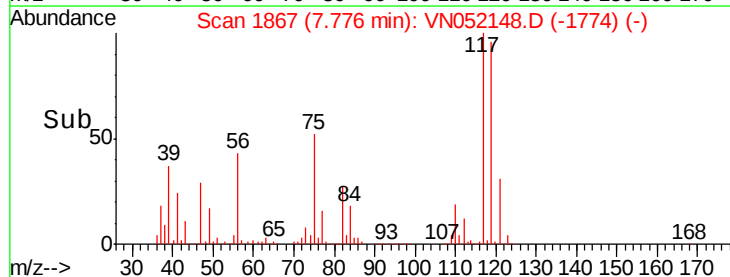
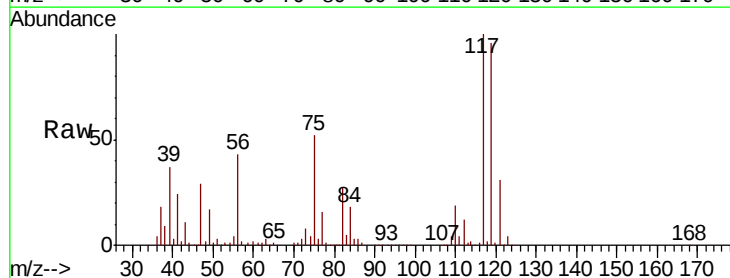
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

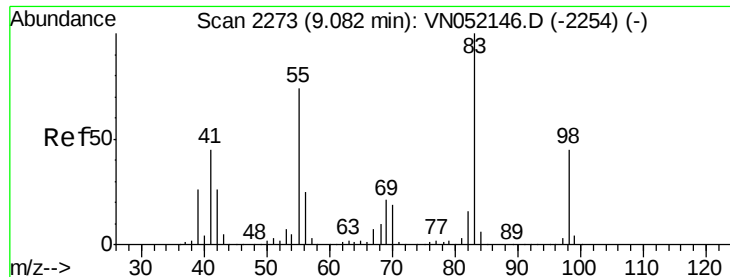
Tgt Ion: 43 Resp: 602219
 Ion Ratio Lower Upper
 43 100
 61 14.1 9.4 14.2
 70 9.3 7.6 11.4



#38
Carbon Tetrachloride
 Concen: 159.361 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Tgt Ion: 117 Resp: 1038156
 Ion Ratio Lower Upper
 117 100
 119 96.0 74.7 112.1
 121 30.7 24.5 36.7

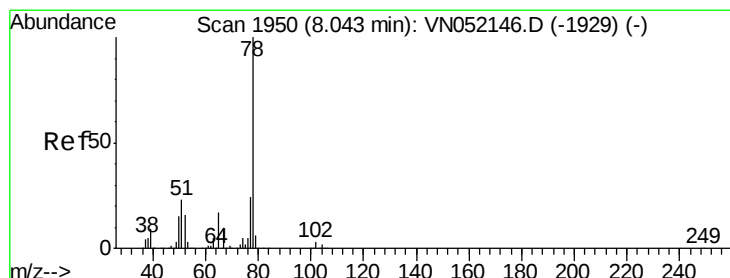
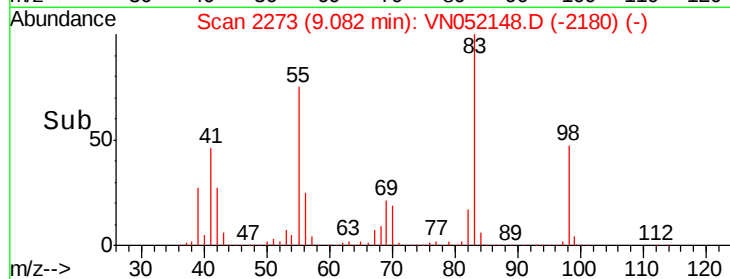
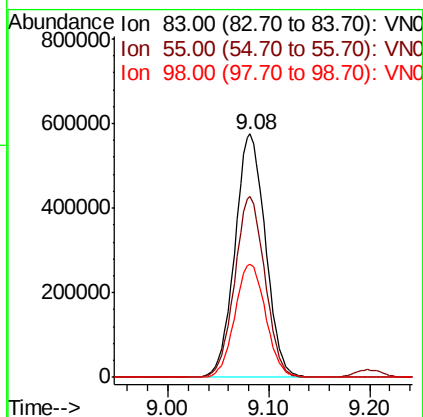
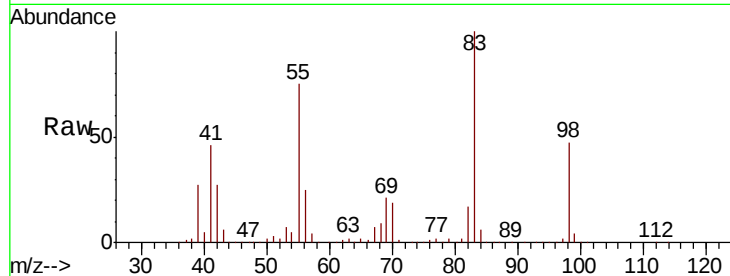




#39
Methylcyclohexane
Concen: 156.128 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

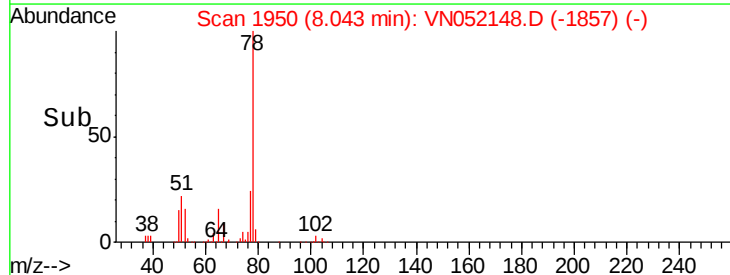
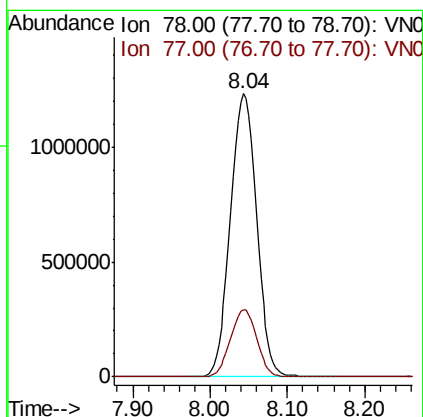
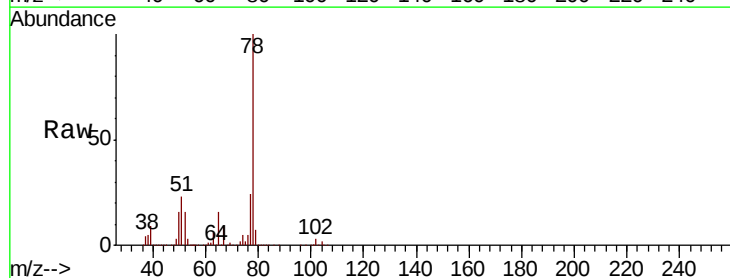
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

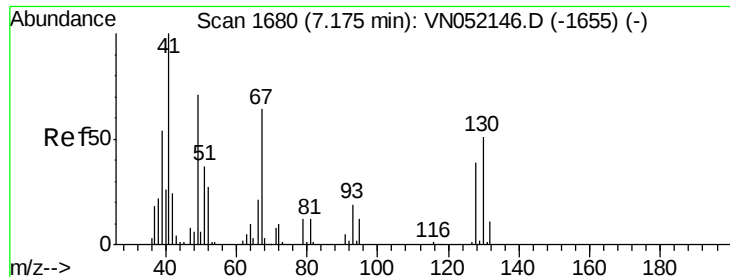
Tgt Ion: 83 Resp: 1205699
Ion Ratio Lower Upper
83 100
55 74.5 59.4 89.2
98 46.5 36.3 54.5



#40
Benzene
Concen: 151.131 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Tgt Ion: 78 Resp: 2896975
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

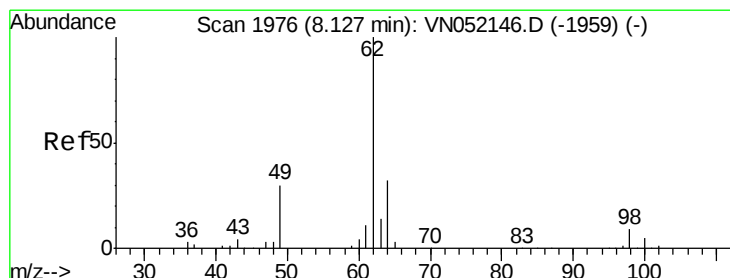
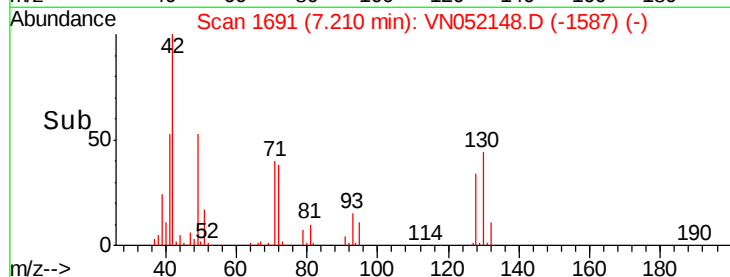
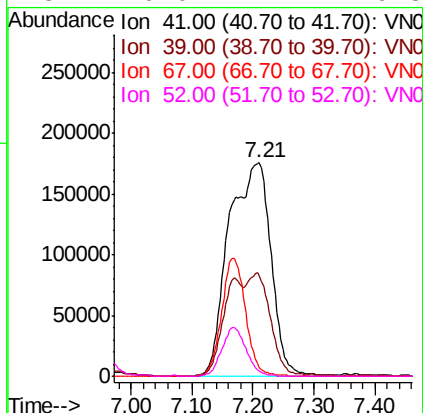
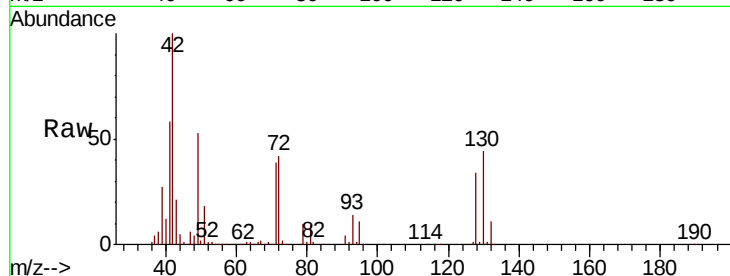




#41
Methacrylonitrile
Concen: 396.139 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

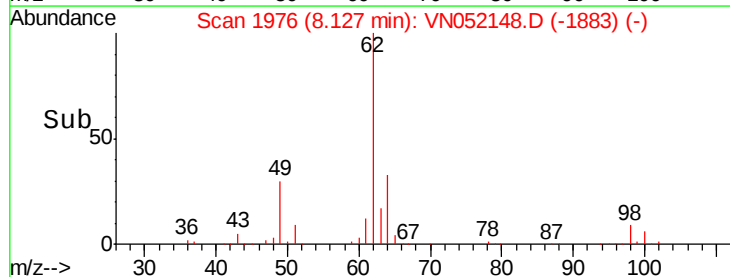
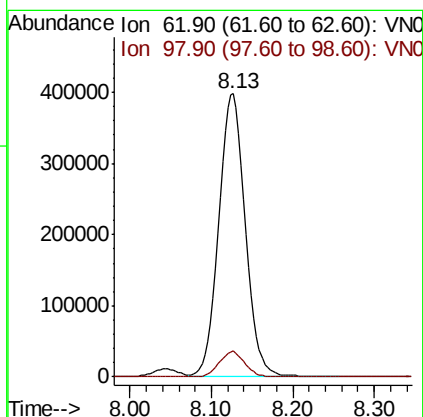
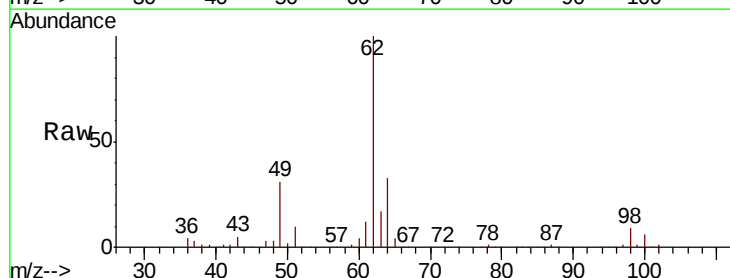
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

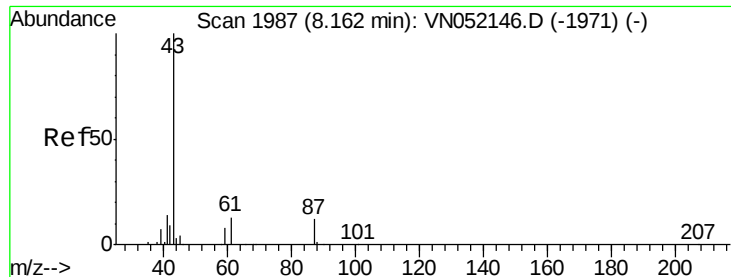
Tgt Ion: 41 Resp: 836042
Ion Ratio Lower Upper
41 100
39 0.0 49.6 74.4#
67 0.0 65.4 98.2#
52 0.0 27.2 40.8#



#42
1,2-Dichloroethane
Concen: 148.677 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Tgt Ion: 62 Resp: 916160
Ion Ratio Lower Upper
62 100
98 8.8 0.0 18.2





#43

Isopropyl Acetate

Concen: 152.448 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

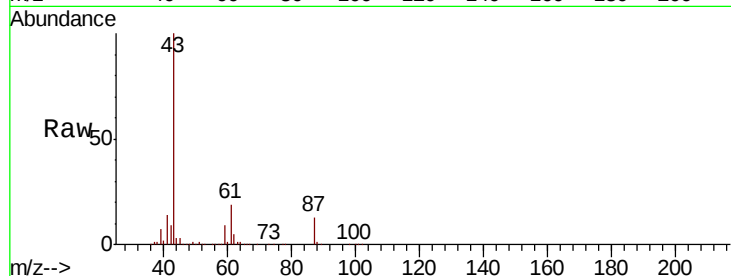
Tgt Ion: 43 Resp: 1134214

Ion Ratio Lower Upper

43 100

61 27.6 21.5 32.3

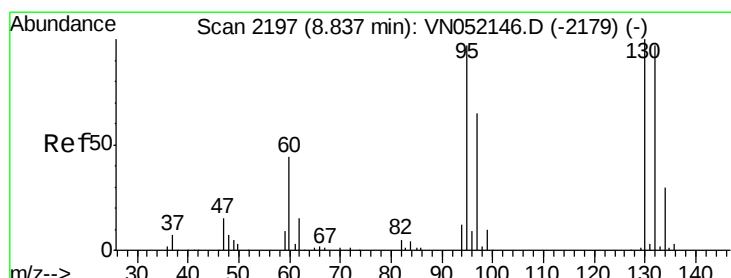
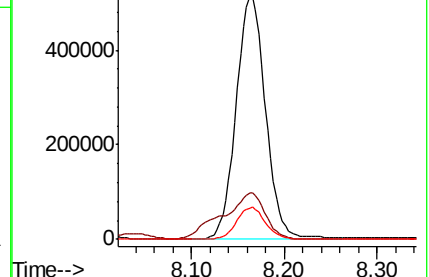
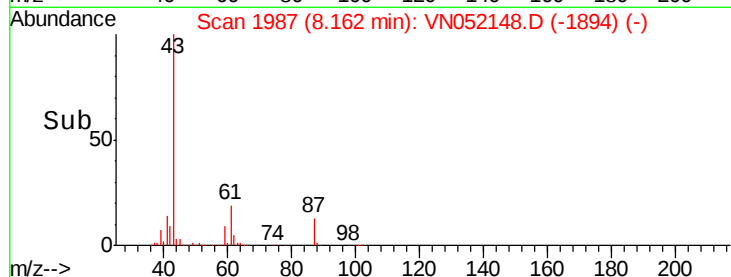
87 12.9 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VN052148.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052148.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052148.D (-1971) (-)



#44

Trichloroethene

Concen: 156.047 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052148.D

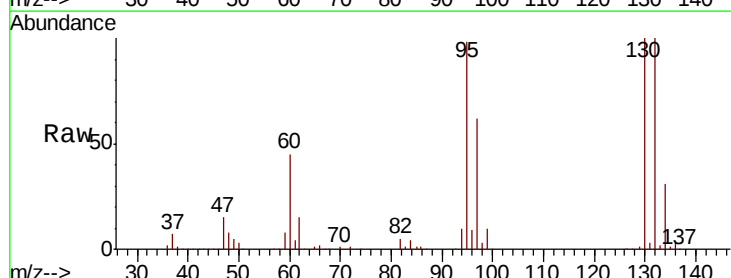
Acq: 5 Nov 2018 14:56

Tgt Ion: 130 Resp: 791936

Ion Ratio Lower Upper

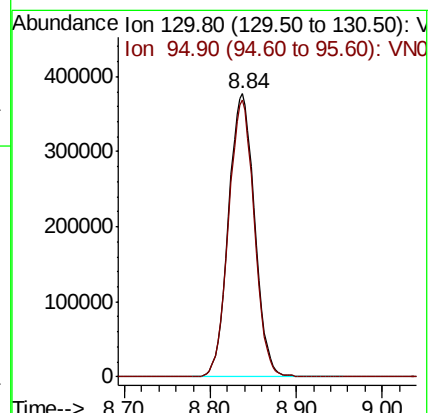
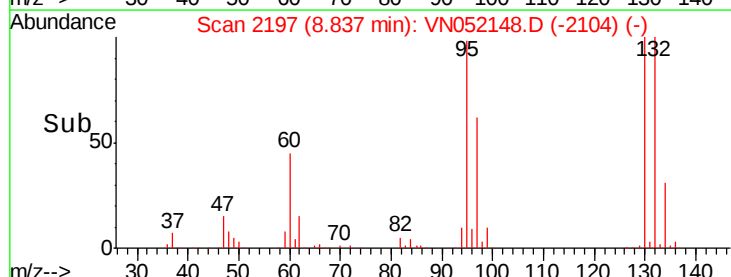
130 100

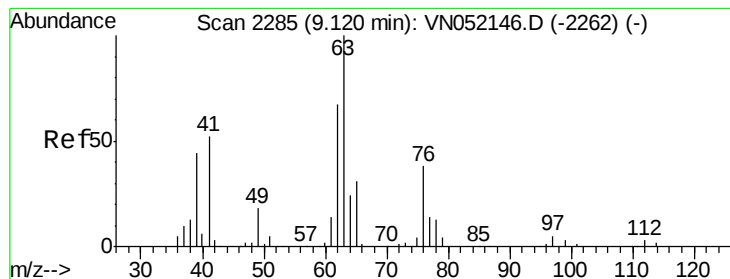
95 98.0 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): VN052148.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052148.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 151.514 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

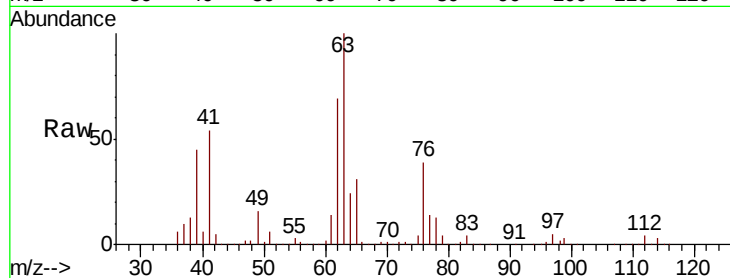
VSTDIC150

Tgt Ion: 63 Resp: 769153

Ion Ratio Lower Upper

63 100

65 31.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

400000

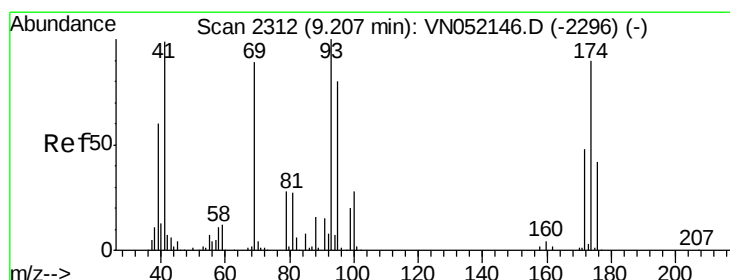
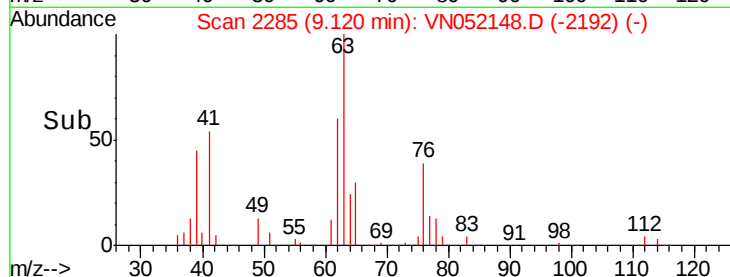
300000

200000

100000

0

Time-->



#46

Dibromomethane

Concen: 145.971 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

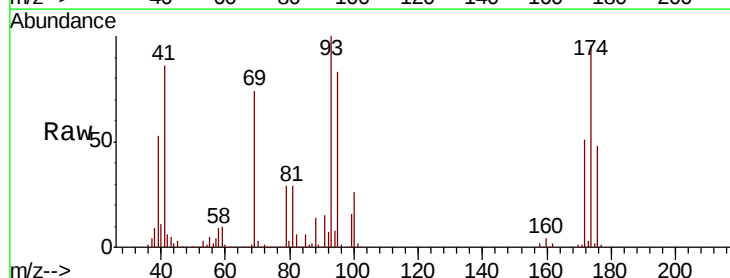
Tgt Ion: 93 Resp: 471261

Ion Ratio Lower Upper

93 100

95 84.4 64.5 96.7

174 98.3 74.6 112.0



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.21

300000

250000

200000

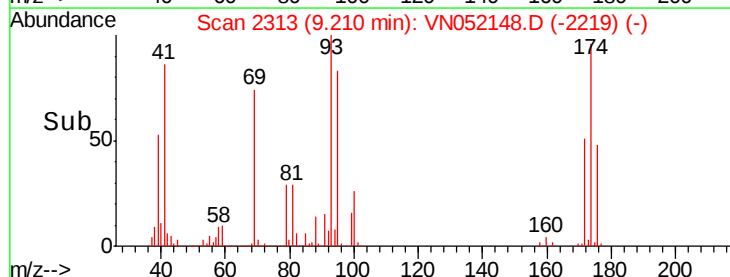
150000

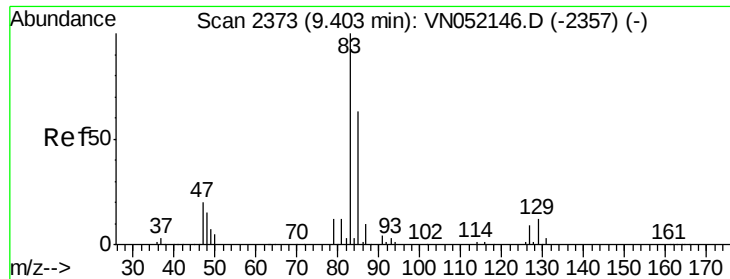
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 158.963 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

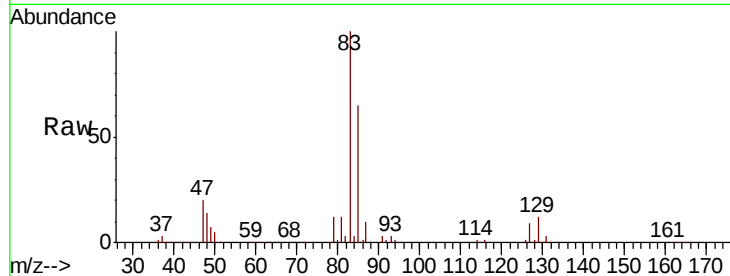
Tgt Ion: 83 Resp: 1000882

Ion Ratio Lower Upper

83 100

85 65.4 50.5 75.7

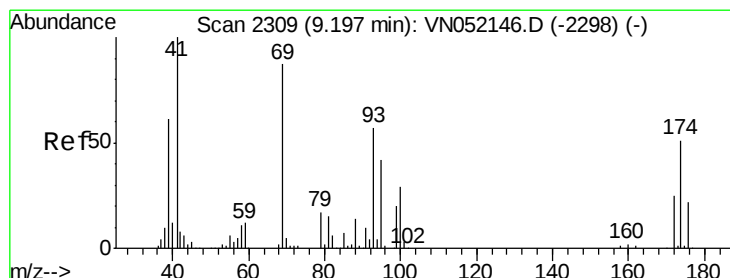
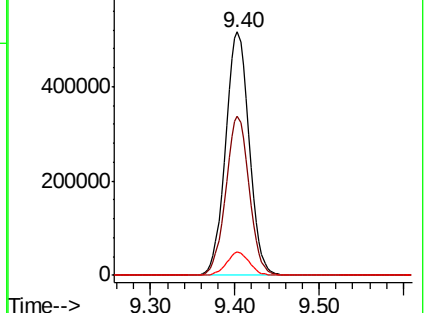
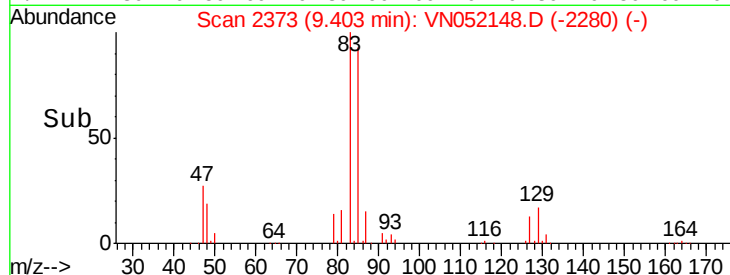
127 9.5 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN052148.D (-2357) (-)

Ion 84.90 (84.60 to 85.60): VN052148.D (-2357) (-)

Ion 126.80 (126.50 to 127.50): VN052148.D (-2357) (-)



#48

Methyl methacrylate

Concen: 157.722 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

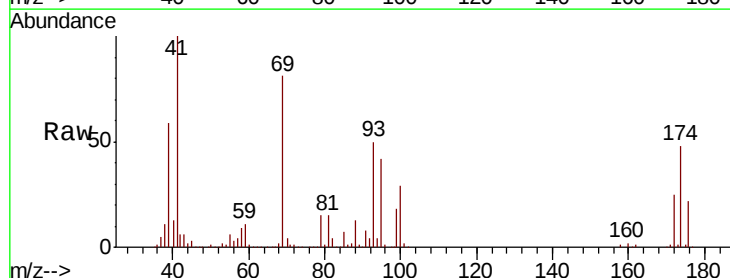
Tgt Ion: 41 Resp: 564776

Ion Ratio Lower Upper

41 100

69 84.8 69.7 104.5

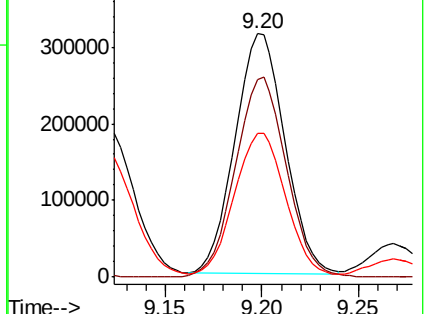
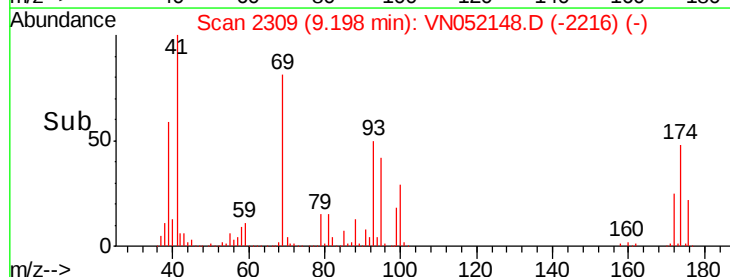
39 61.9 50.6 76.0

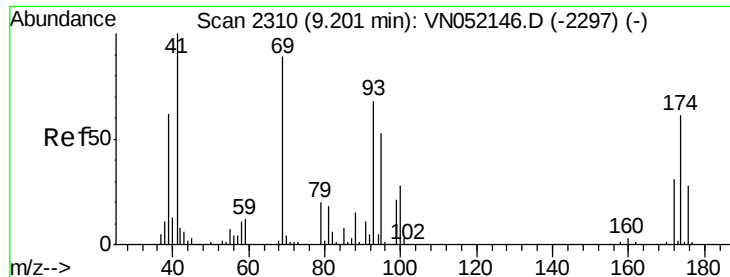


Abundance Ion 41.00 (40.70 to 41.70): VN052148.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN052148.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN052148.D (-2298) (-)





#49

1,4-Dioxane

Concen: 3152.086 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

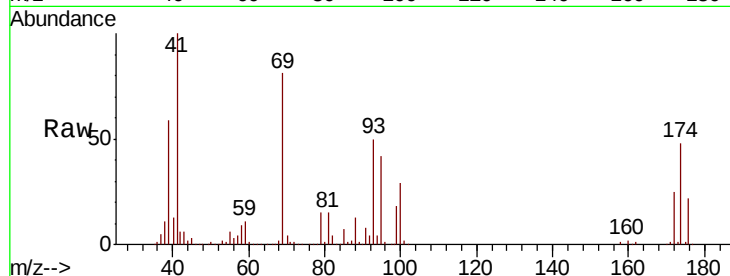
Tgt Ion: 88 Resp: 91099

Ion Ratio Lower Upper

88 100

43 38.7 33.0 49.6

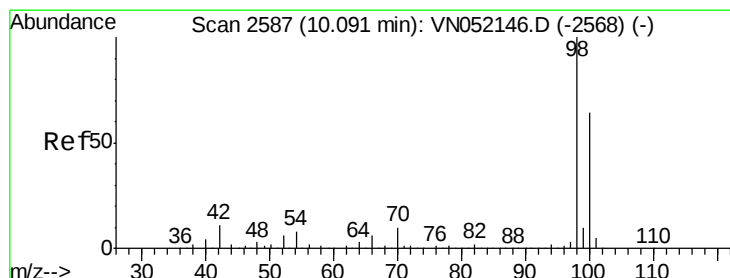
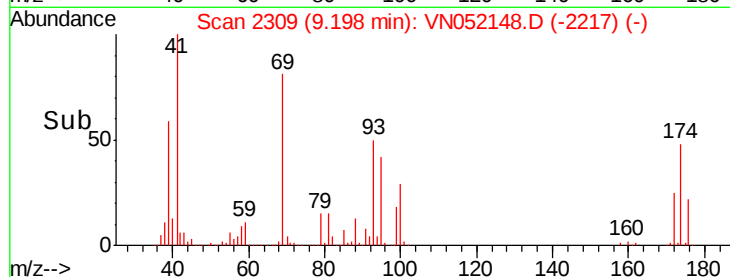
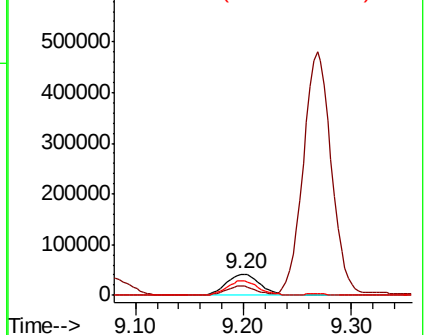
58 65.3 58.6 88.0



Abundance Ion 88.00 (87.70 to 88.70): VN052148.D (-2297) (-)

Ion 43.00 (42.70 to 43.70): VN052148.D (-2297) (-)

Ion 58.00 (57.70 to 58.70): VN052148.D (-2297) (-)



#50

Toluene-d8

Concen: 3152.086 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052148.D

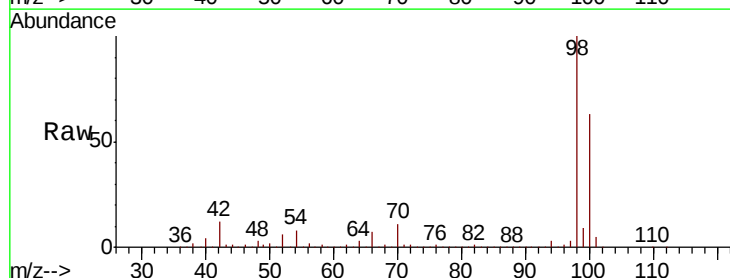
Acq: 5 Nov 2018 14:56

Tgt Ion: 98 Resp: 2700406

Ion Ratio Lower Upper

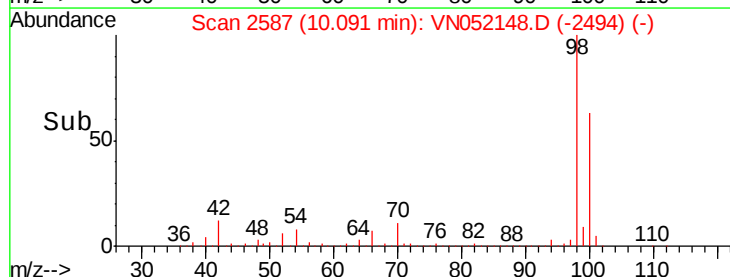
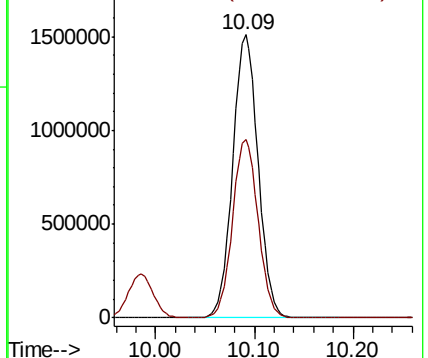
98 100

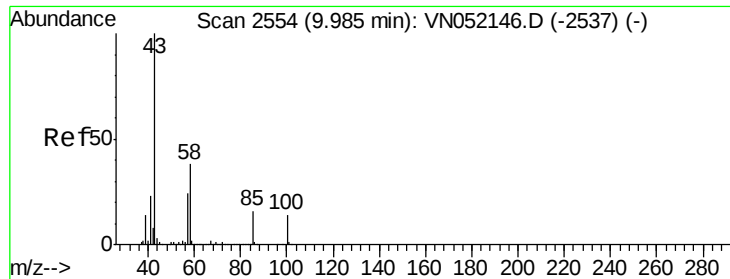
100 63.4 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN052148.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052148.D (-2494) (-)

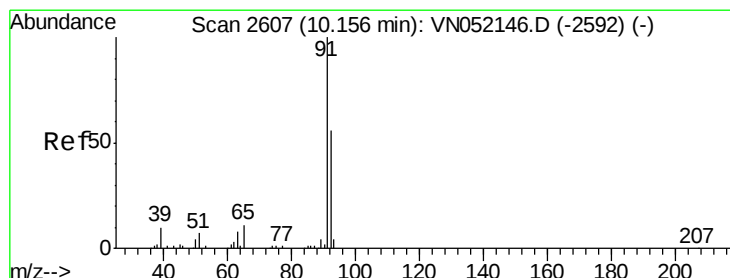
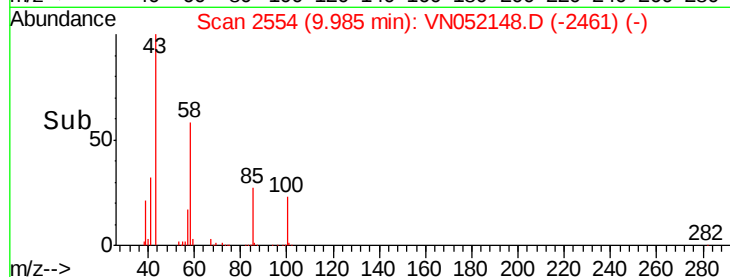
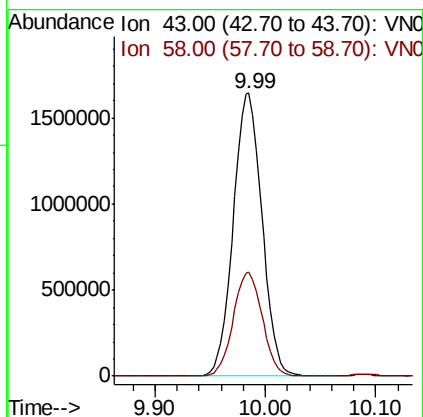
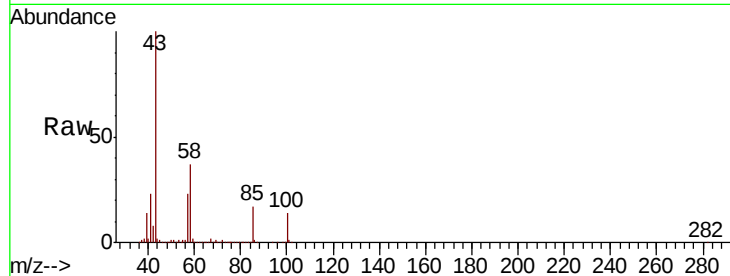




#51
 4-Methyl-2-Pentanone
 Concen: 754.446 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

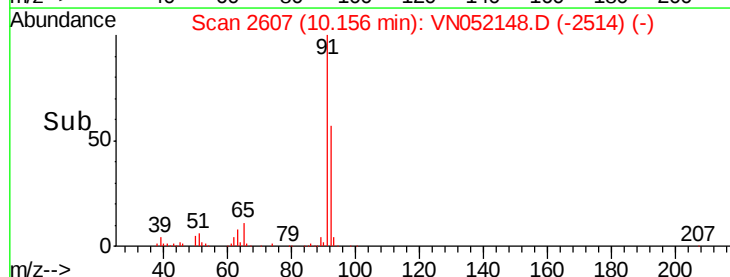
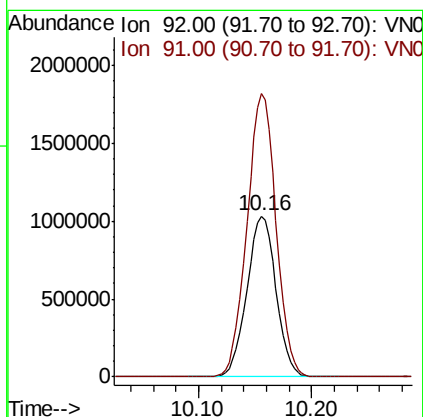
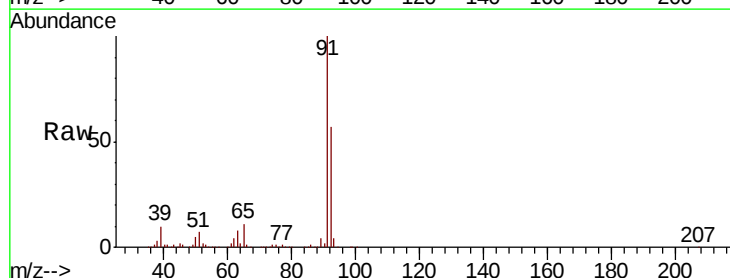
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

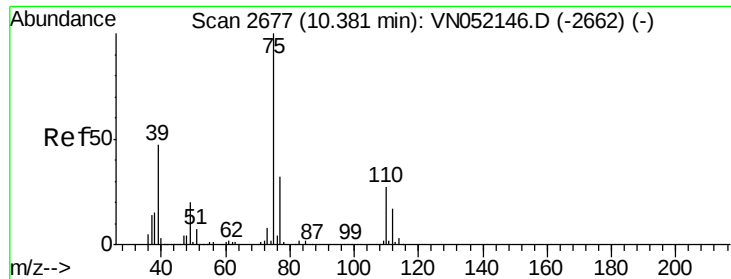
Tgt Ion: 43 Resp: 2965420
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.6 44.4



#52
 Toluene
 Concen: 159.563 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Tgt Ion: 92 Resp: 1844400
 Ion Ratio Lower Upper
 92 100
 91 176.3 142.5 213.7





#53

t-1,3-Dichloropropene

Concen: 171.410 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

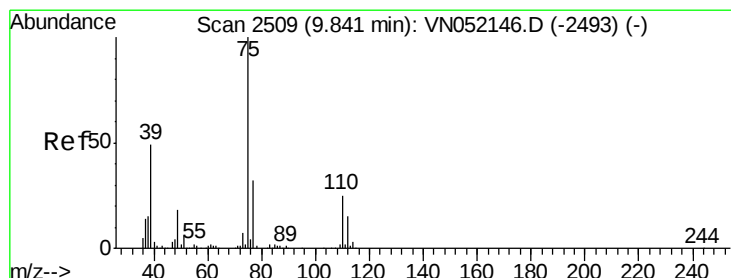
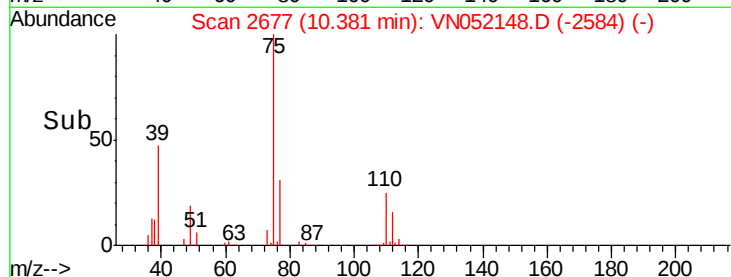
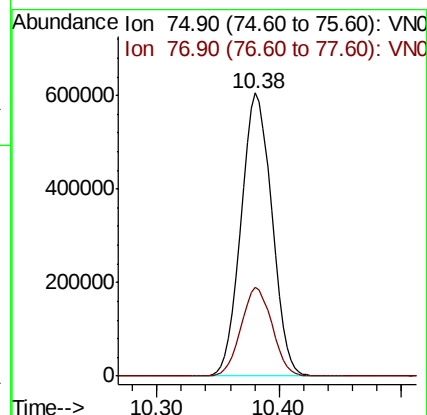
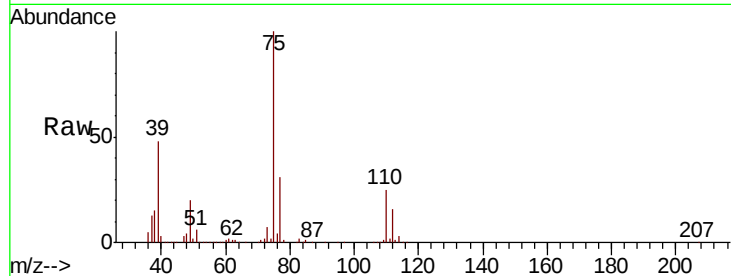
VSTDIC150

Tgt Ion: 75 Resp: 1058748

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 165.486 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

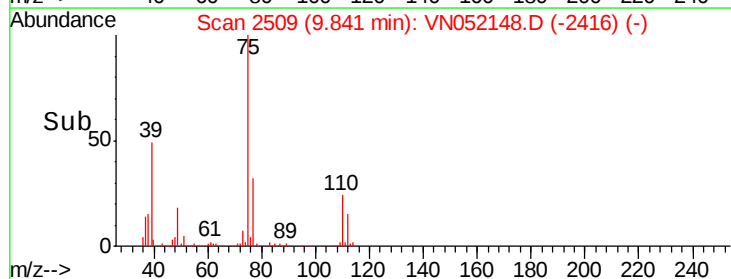
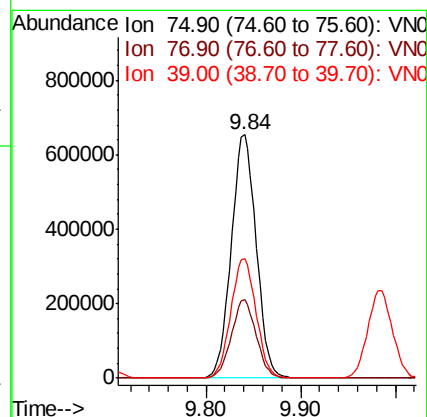
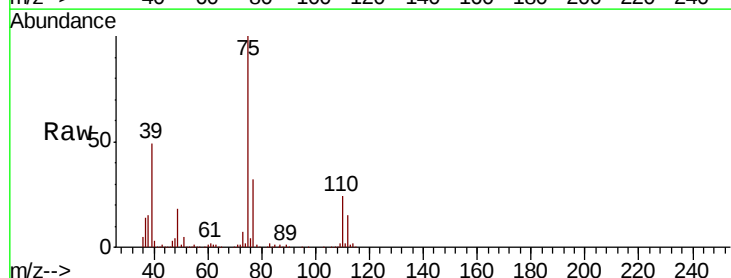
Tgt Ion: 75 Resp: 1196104

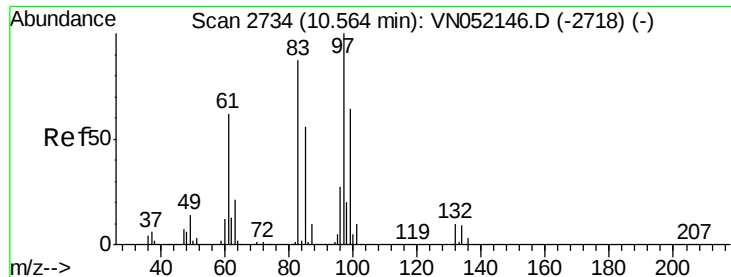
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

39 49.1 39.2 58.8

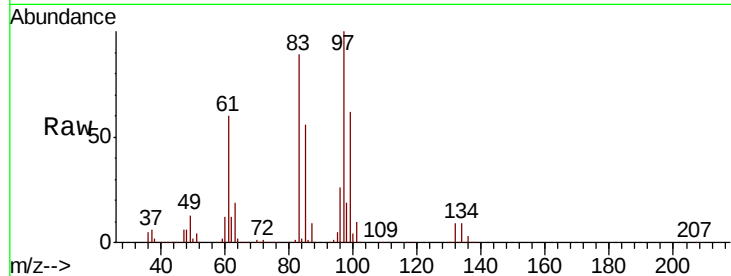




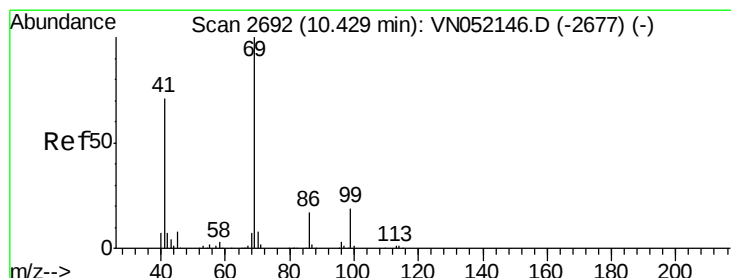
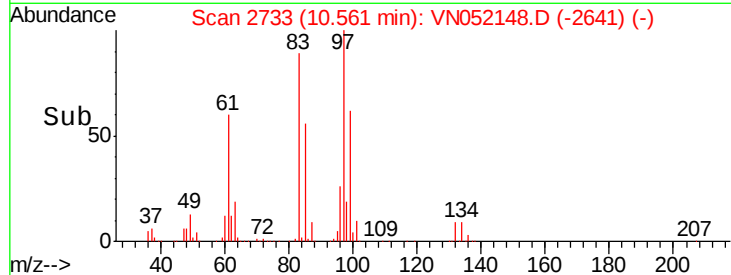
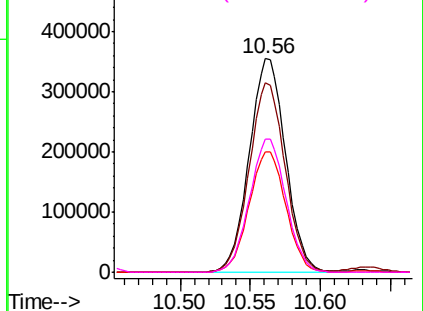
#55
 1,1,2-Trichloroethane
 Concen: 157.135 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:	97	Resp:	640387
Ion	Ratio	Lower	Upper
97	100		
83	88.9	69.3	103.9
85	56.1	44.9	67.3
99	62.4	51.5	77.3

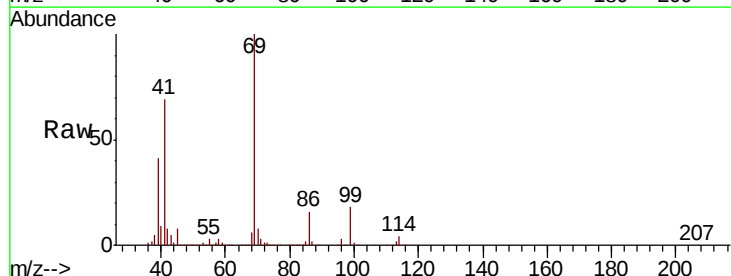


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

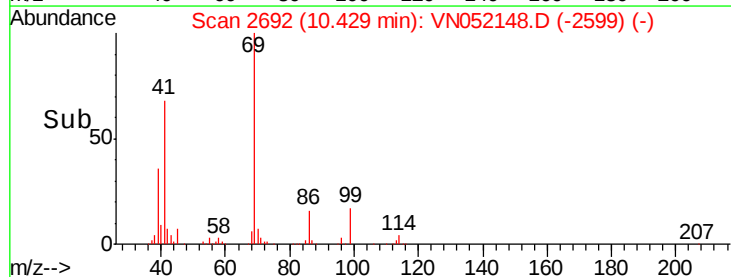
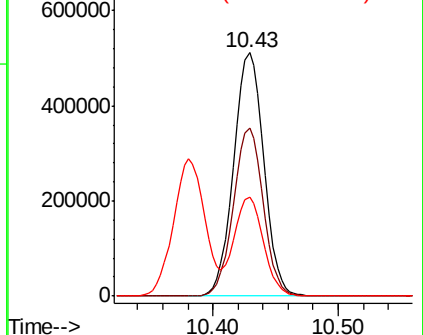


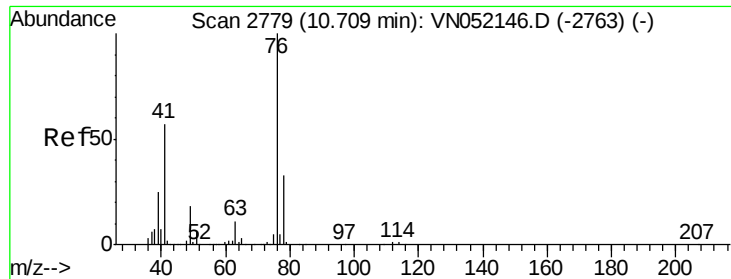
#56
 Ethyl methacrylate
 Concen: 161.316 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Tgt Ion:	69	Resp:	856928
Ion	Ratio	Lower	Upper
69	100		
41	67.9	55.4	83.0
39	39.3	32.0	48.0



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

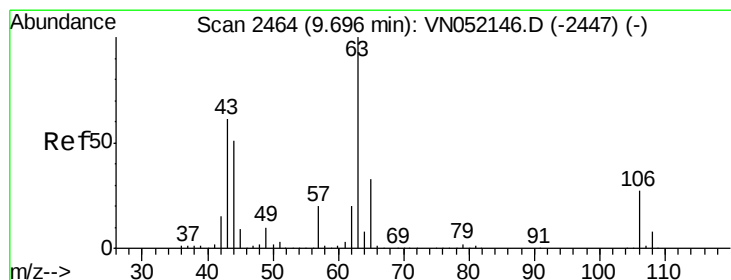
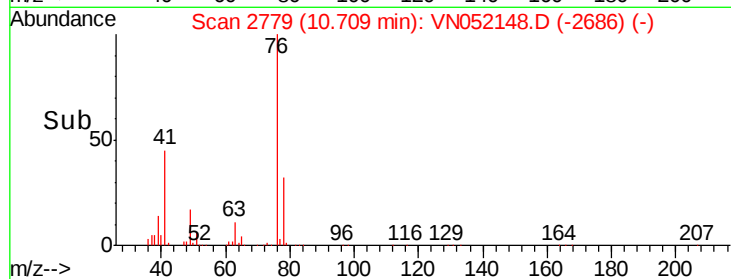
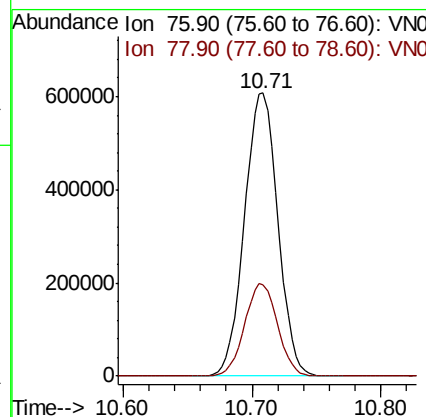
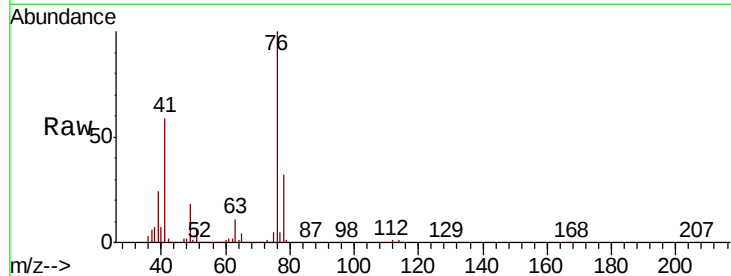




#57
 1,3-Dichloropropane
 Concen: 152.585 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

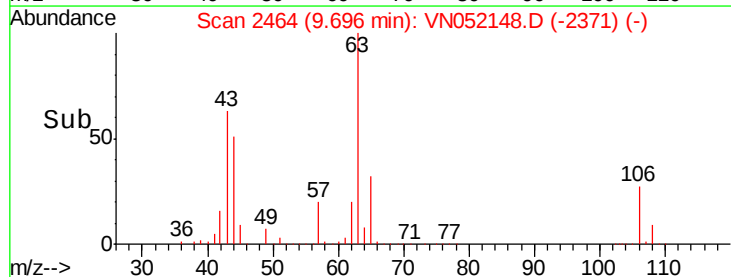
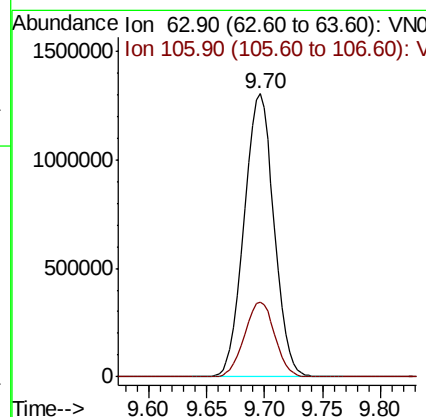
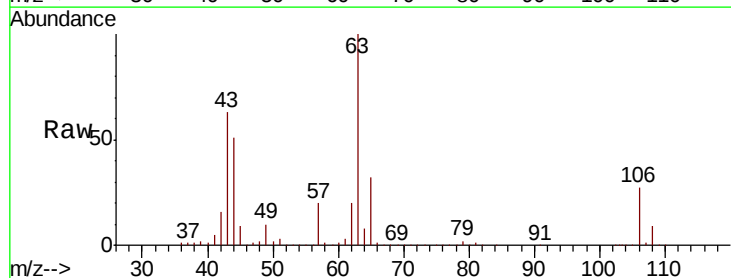
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

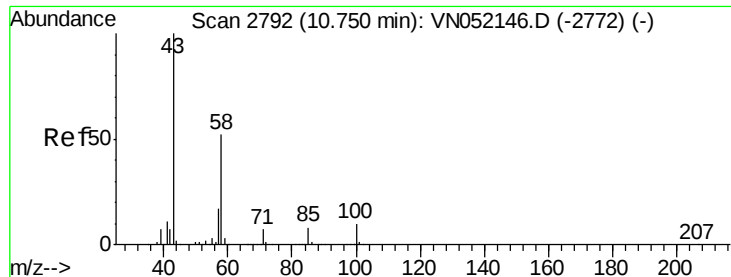
Tgt Ion: 76 Resp: 1095489
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 816.038 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Tgt Ion: 63 Resp: 2332902
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.0 31.4

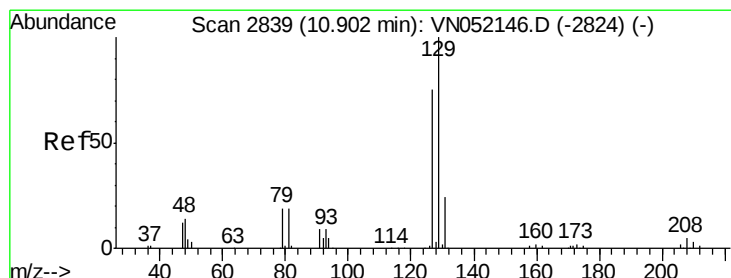
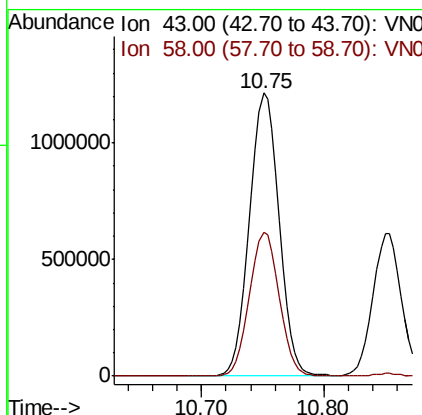
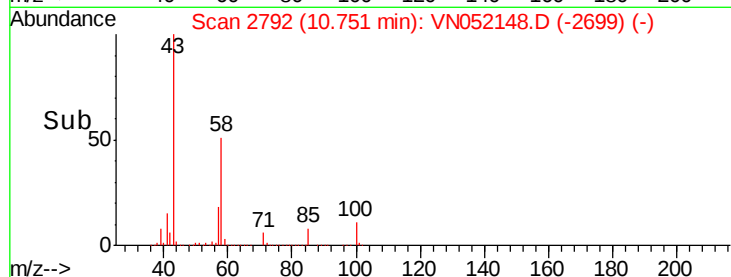
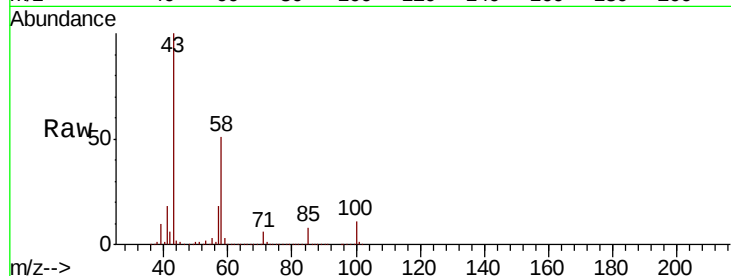




#59
2-Hexanone
Concen: 739.230 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

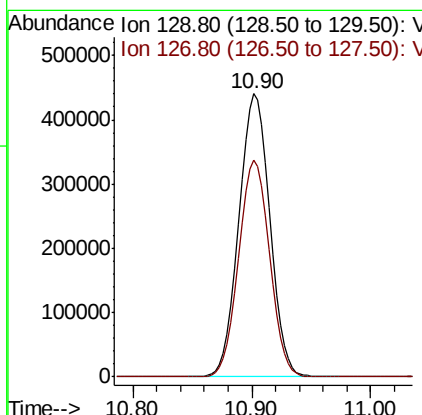
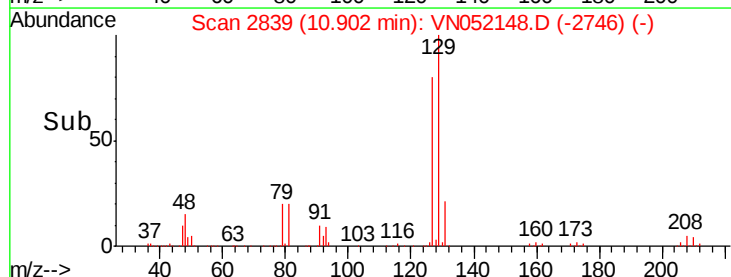
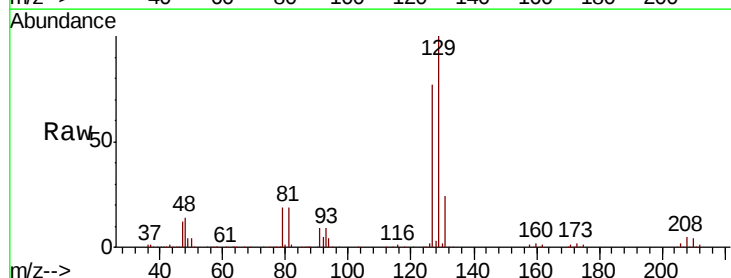
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

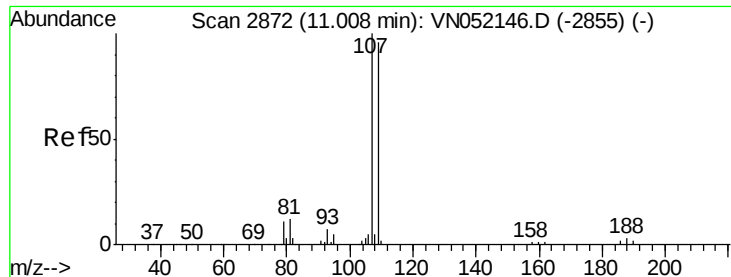
Tgt Ion: 43 Resp: 2022661
Ion Ratio Lower Upper
43 100
58 51.3 25.8 77.4



#60
Dibromochloromethane
Concen: 171.411 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Tgt Ion: 129 Resp: 794416
Ion Ratio Lower Upper
129 100
127 76.6 38.0 114.1

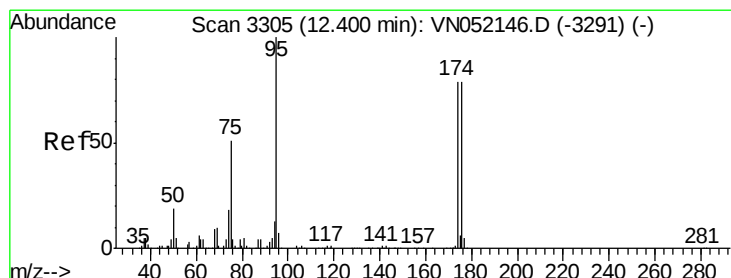
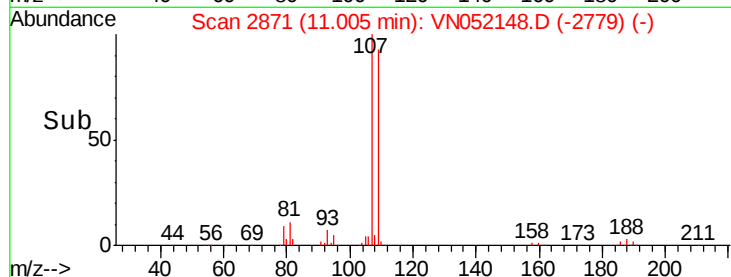
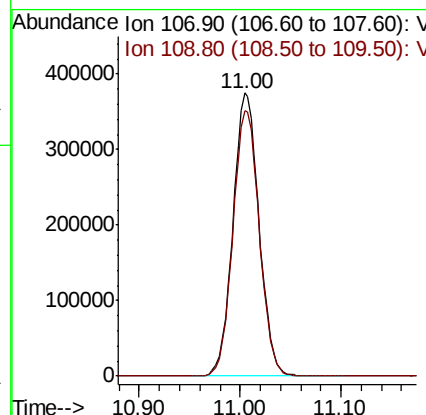
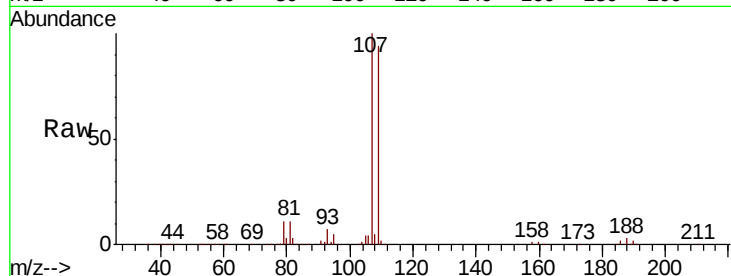




#61
 1,2-Dibromoethane
 Concen: 162.761 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

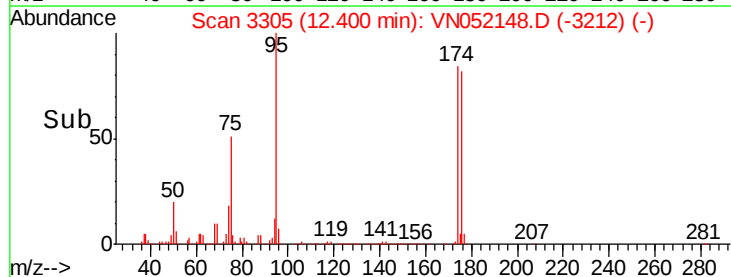
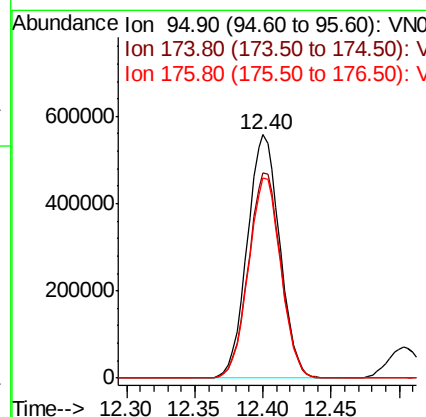
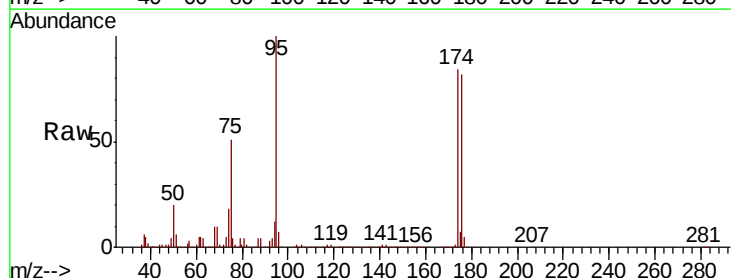
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

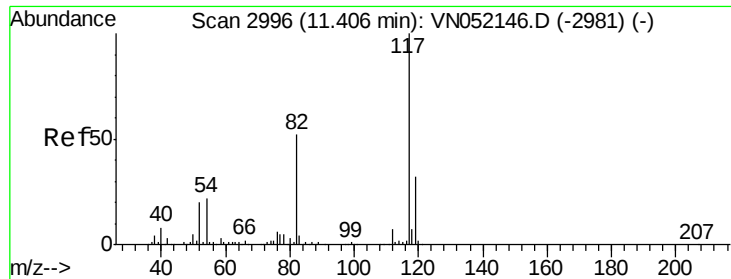
Tgt Ion: 107 Resp: 673331
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 162.761 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Tgt Ion: 95 Resp: 917546
 Ion Ratio Lower Upper
 95 100
 174 84.9 0.0 162.6
 176 82.2 0.0 155.4

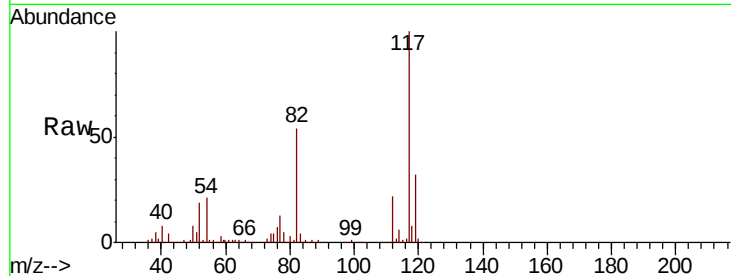




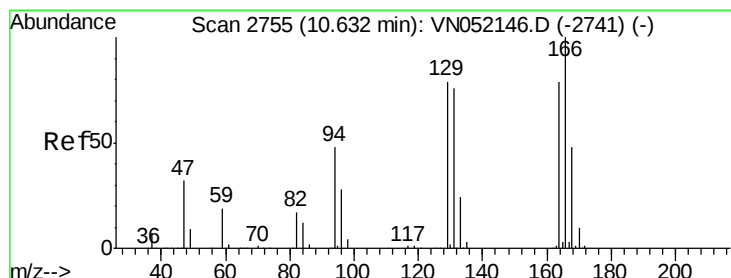
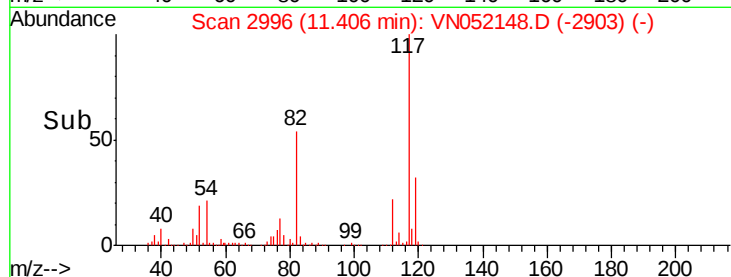
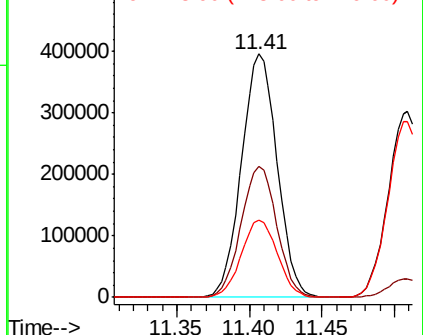
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 676944
Ion Ratio Lower Upper
117 100
82 53.6 41.9 62.9
119 31.9 25.7 38.5

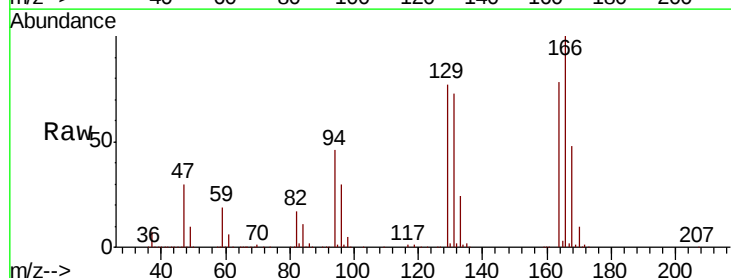


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

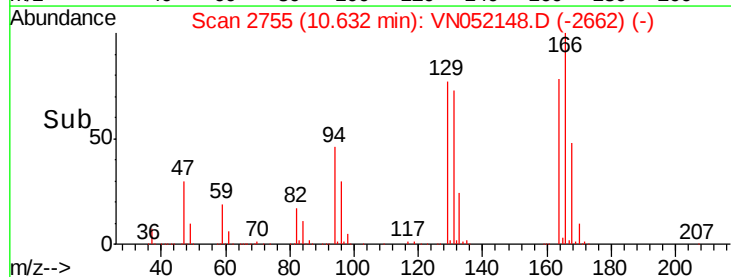
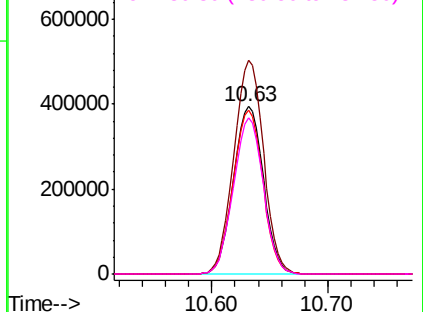


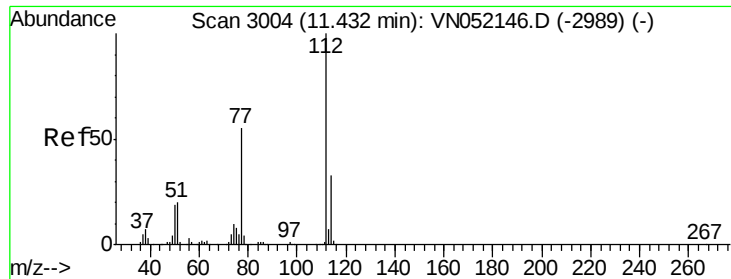
#64
Tetrachloroethene
Concen: 160.783 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Tgt Ion:164 Resp: 705138
Ion Ratio Lower Upper
164 100
166 127.4 100.8 151.2
129 98.1 79.1 118.7
131 93.5 77.0 115.4



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

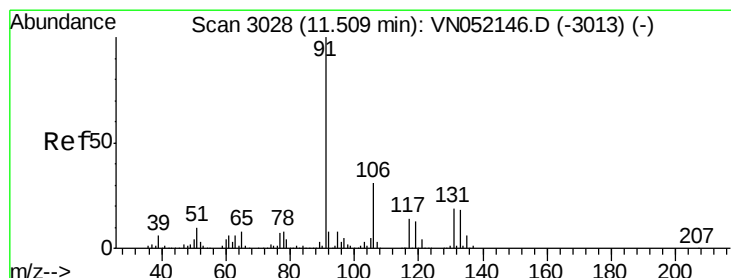
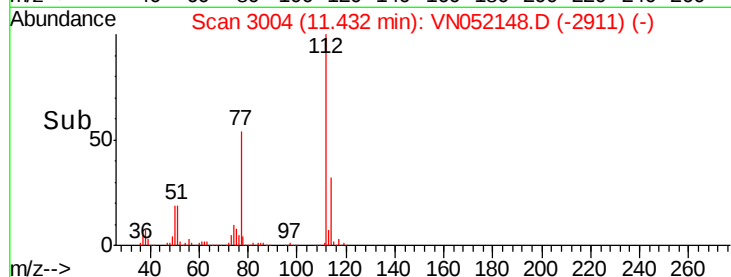
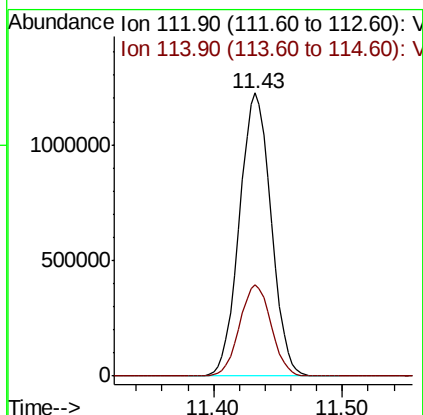
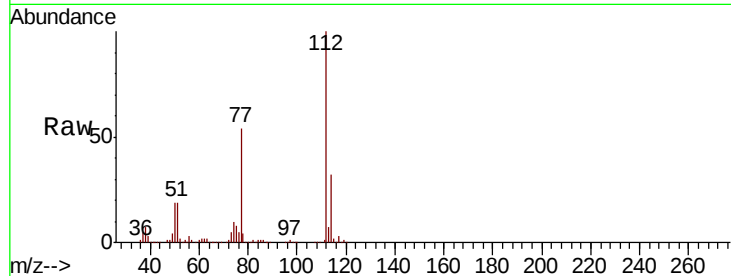




#65
Chlorobenzene
Concen: 151.666 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

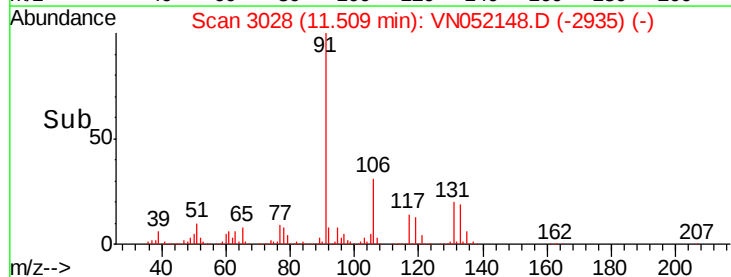
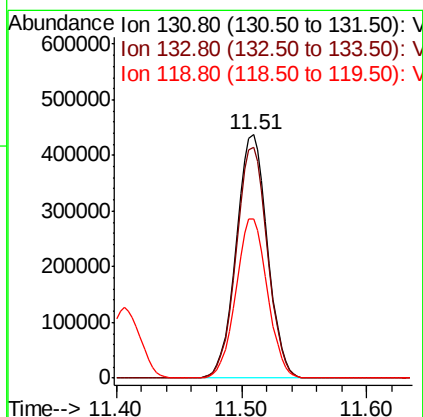
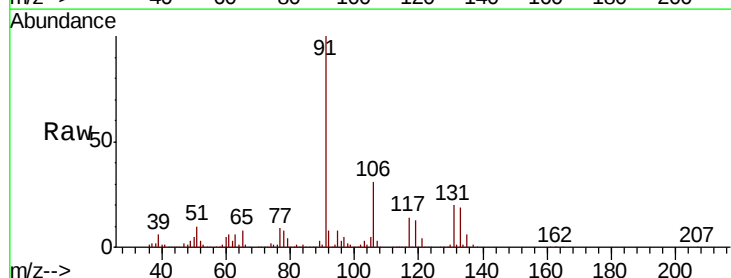
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

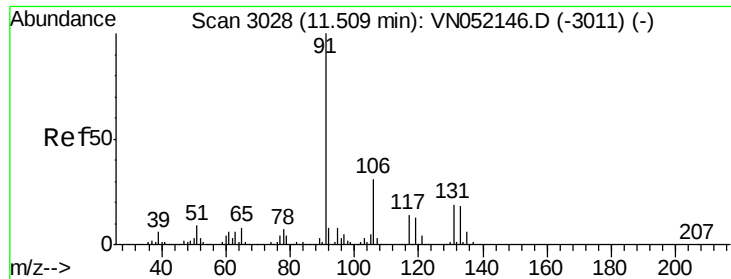
Tgt Ion:112 Resp: 2092660
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 163.101 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Tgt Ion:131 Resp: 755762
Ion Ratio Lower Upper
131 100
133 95.0 46.6 139.8
119 66.0 33.6 100.8

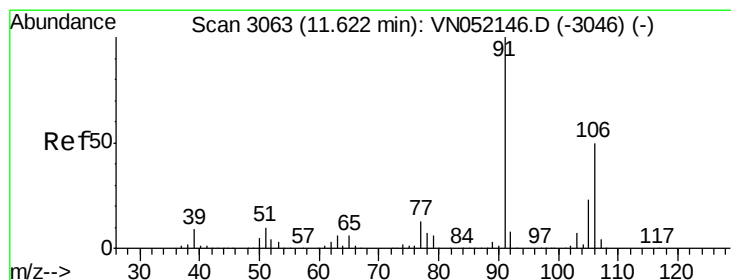
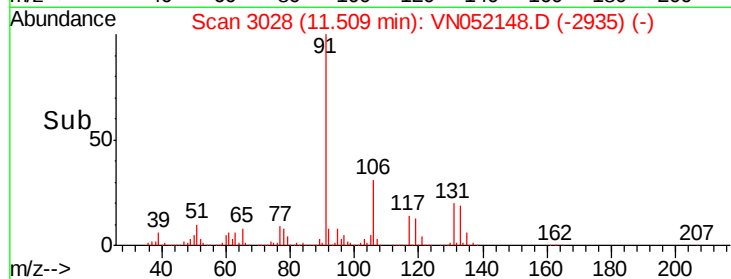
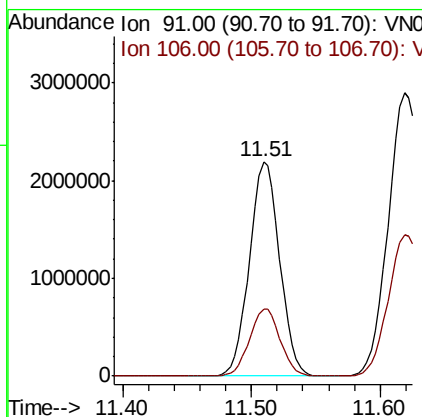
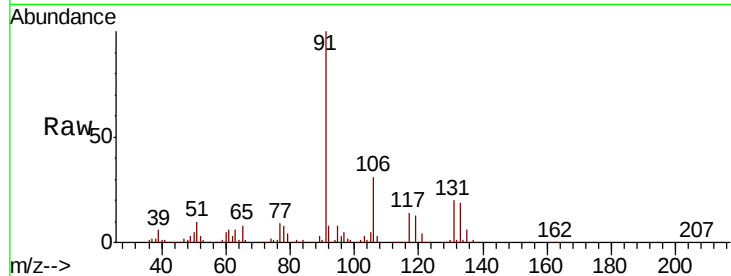




#67
Ethyl Benzene
Concen: 156.362 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

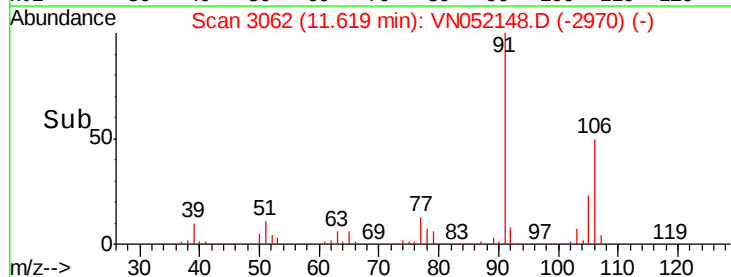
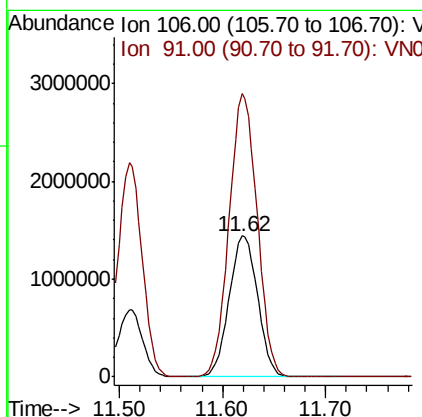
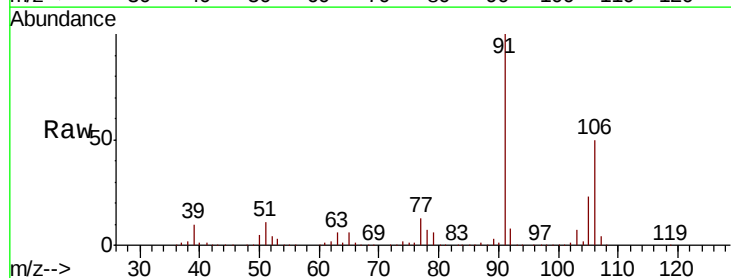
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

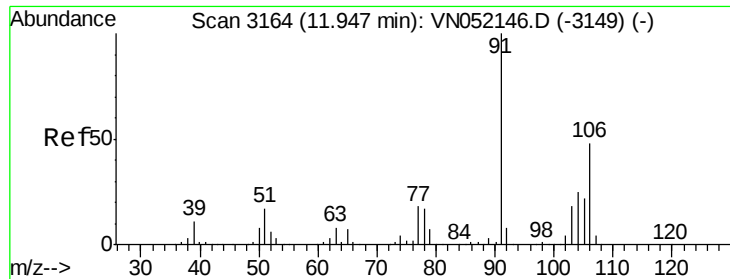
Tgt Ion: 91 Resp: 3583378
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 313.105 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Tgt Ion: 106 Resp: 2768702
Ion Ratio Lower Upper
106 100
91 198.2 158.2 237.4

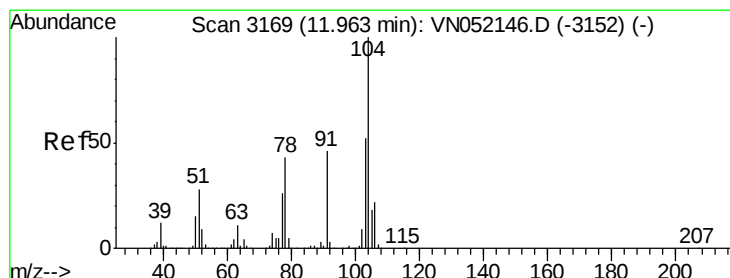
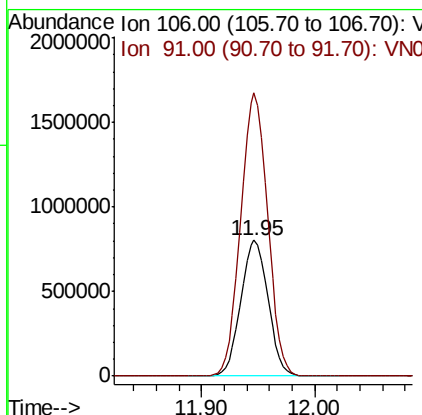
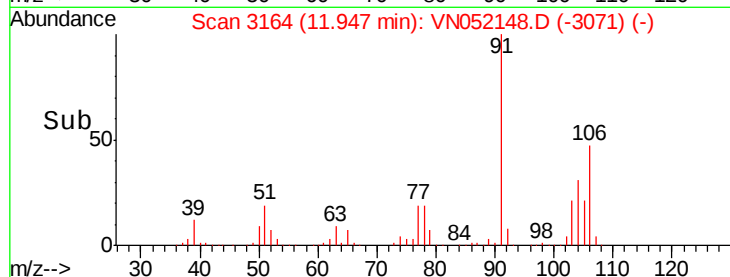
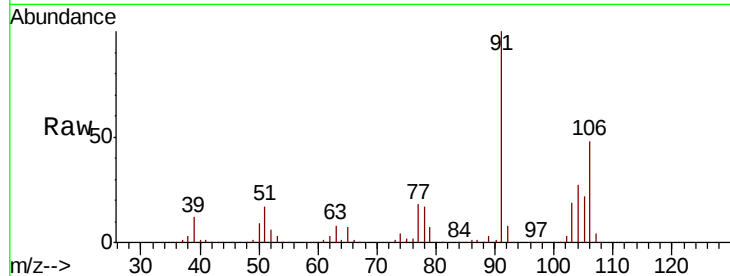




#69
o-Xylene
Concen: 157.313 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

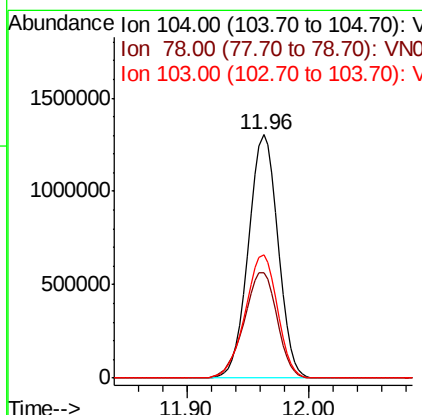
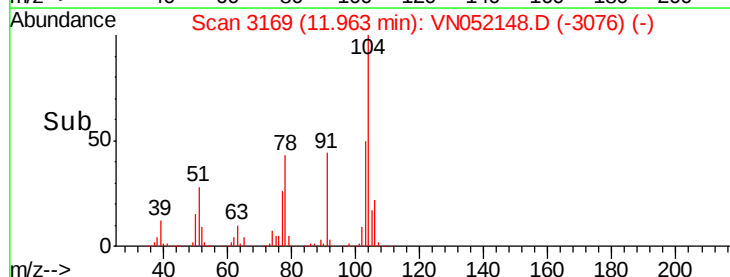
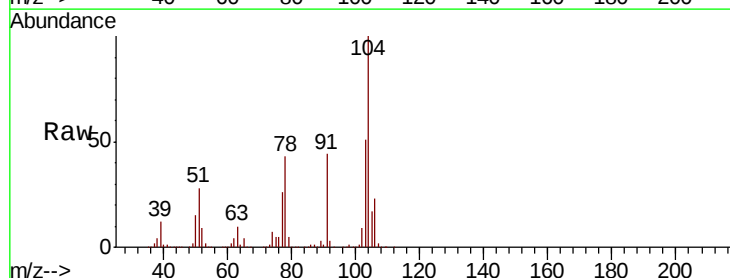
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

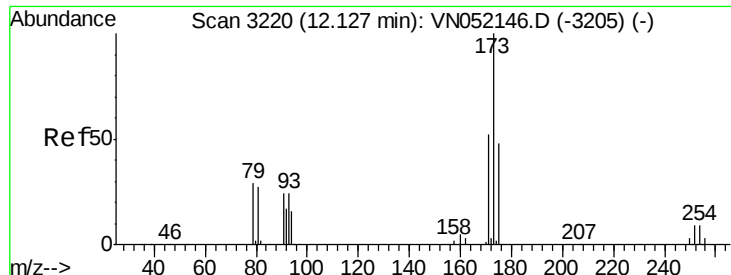
Tgt Ion:106 Resp: 1349061
Ion Ratio Lower Upper
106 100
91 206.6 104.8 314.3



#70
Styrene
Concen: 159.877 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Tgt Ion:104 Resp: 2170434
Ion Ratio Lower Upper
104 100
78 48.8 39.4 59.0
103 55.4 45.1 67.7





#71

Bromoform

Concen: 182.338 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

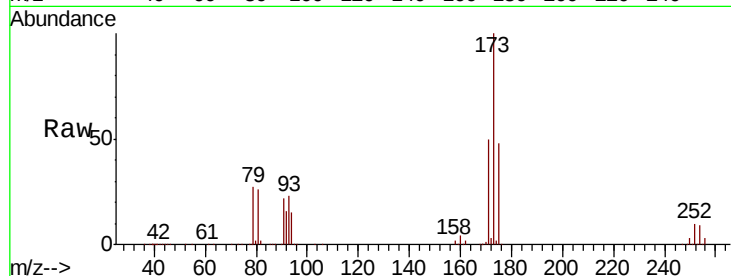
Tgt Ion:173 Resp: 489281

Ion Ratio Lower Upper

173 100

175 48.7 24.8 74.4

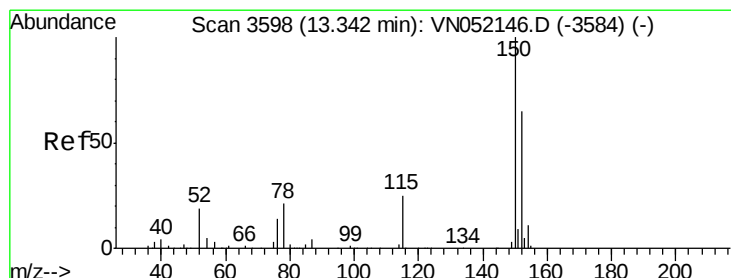
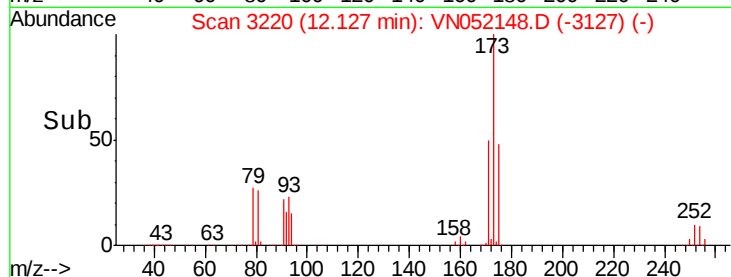
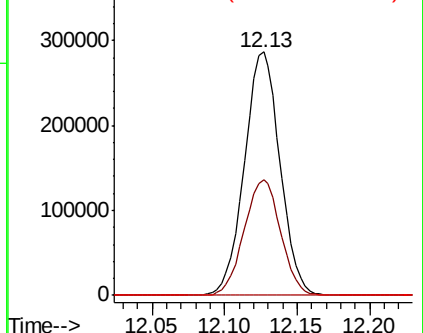
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

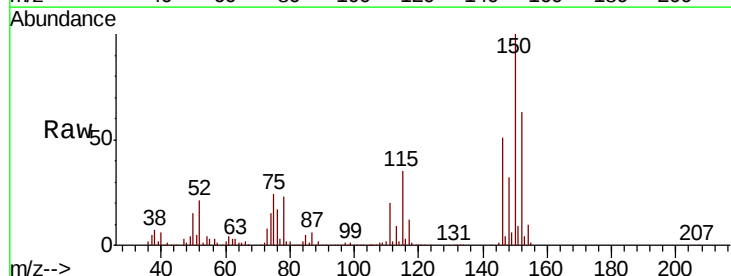
Tgt Ion:152 Resp: 318787

Ion Ratio Lower Upper

152 100

115 56.4 28.5 85.5

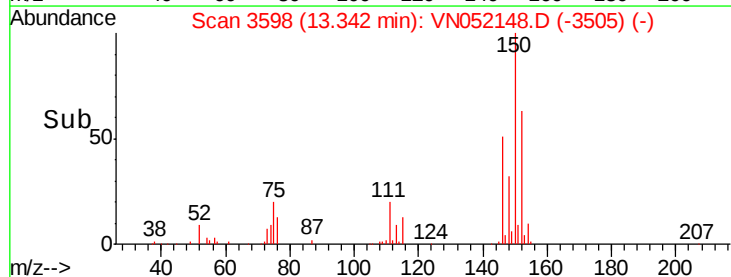
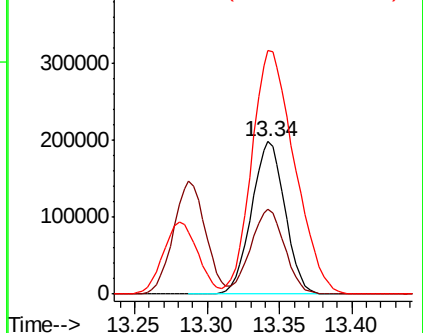
150 203.8 0.0 348.6

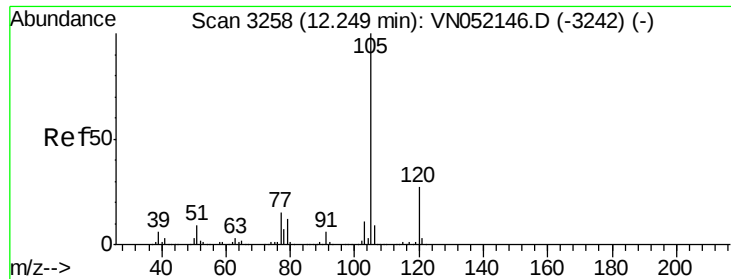


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 147.419 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

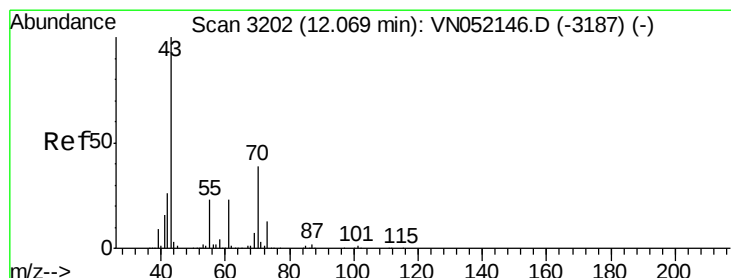
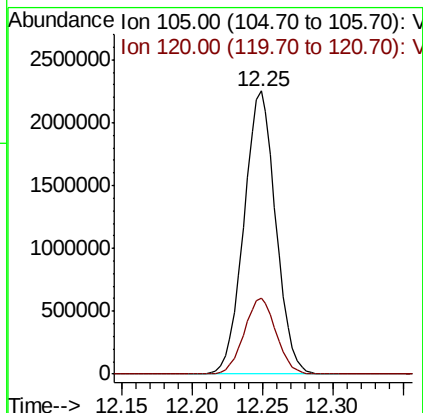
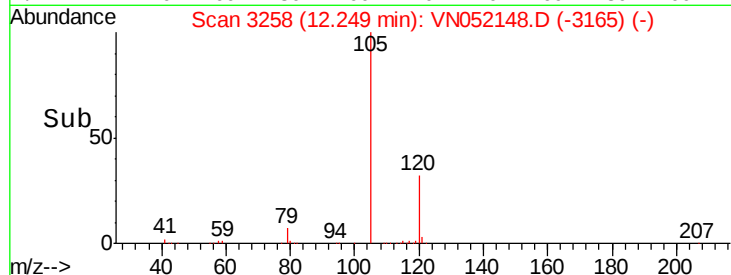
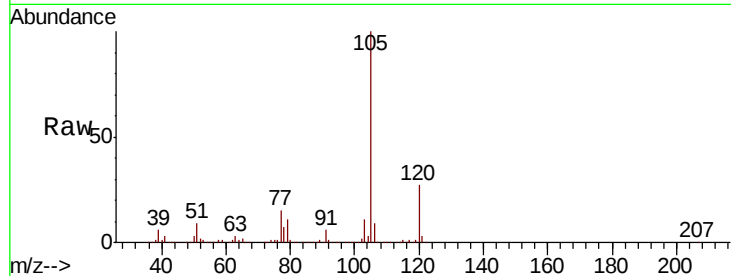
VSTDIC150

Tgt Ion:105 Resp: 3553303

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 137.359 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Tgt Ion: 43 Resp: 1048165

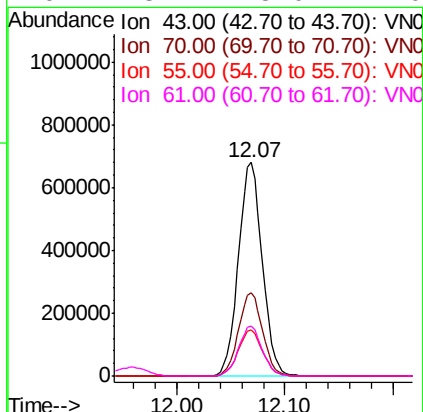
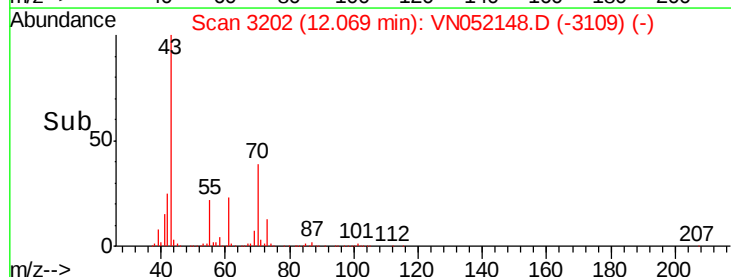
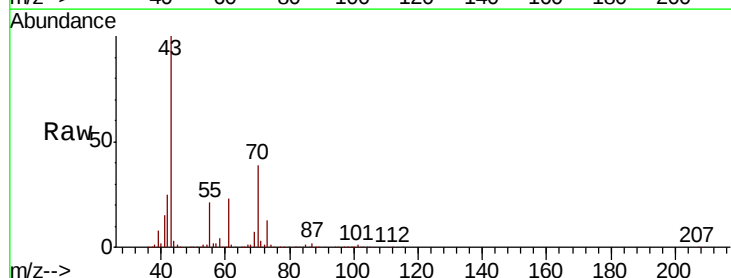
Ion Ratio Lower Upper

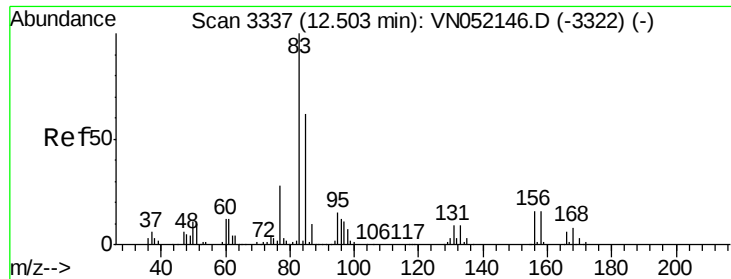
43 100

70 39.2 31.1 46.7

55 22.0 18.5 27.7

61 23.2 18.0 27.0





#75

1,1,2,2-Tetrachloroethane

Concen: 139.020 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

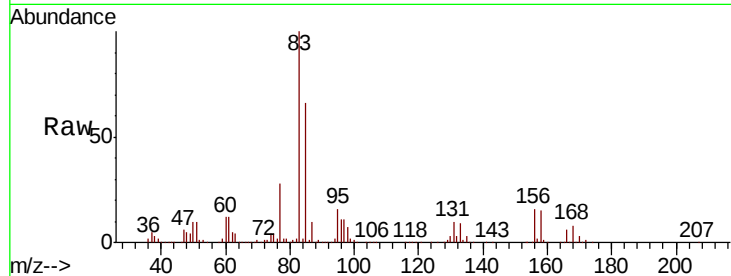
Tgt Ion: 83 Resp: 733467

Ion Ratio Lower Upper

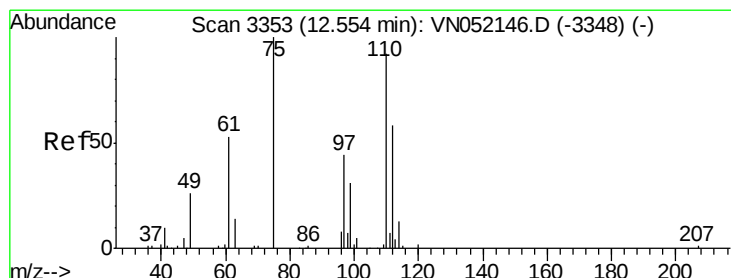
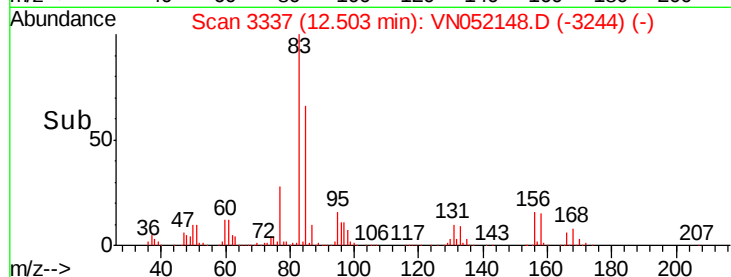
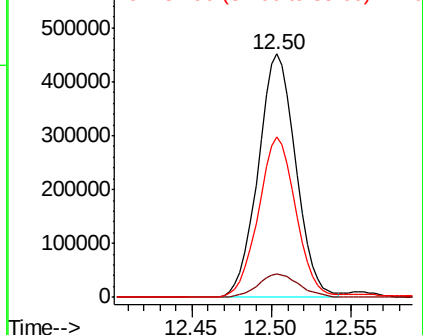
83 100

131 10.6 5.0 14.9

85 65.4 31.8 95.3



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



#76

1,2,3-Trichloropropane

Concen: 231.694 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052148.D

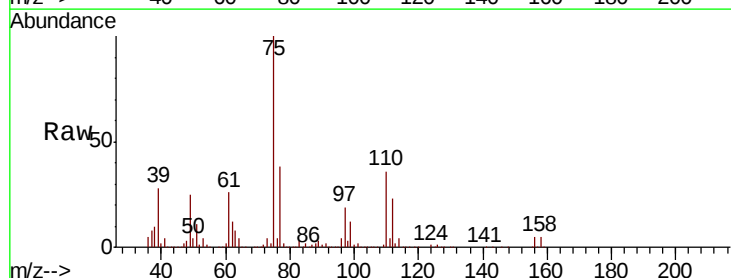
Acq: 5 Nov 2018 14:56

Tgt Ion: 75 Resp: 985983

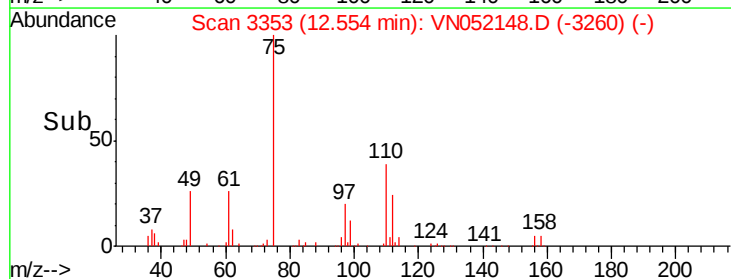
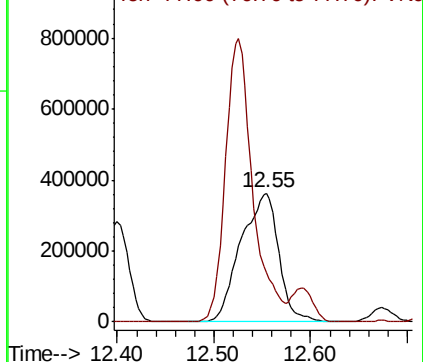
Ion Ratio Lower Upper

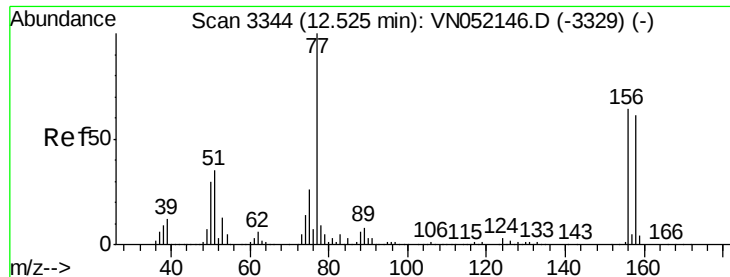
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 150.001 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

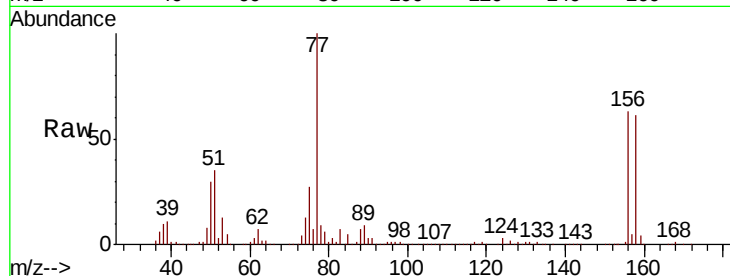
Tgt Ion:156 Resp: 862168

Ion Ratio Lower Upper

156 100

77 181.5 91.6 274.9

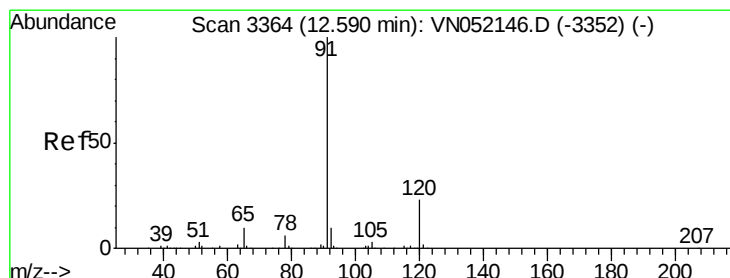
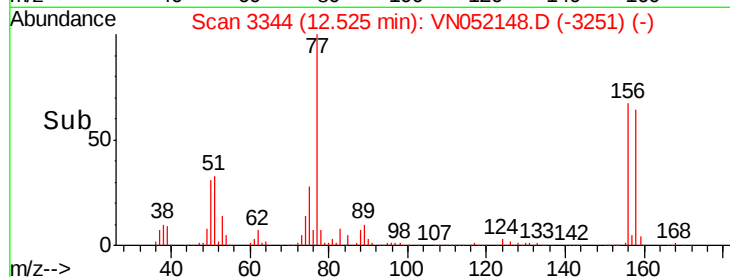
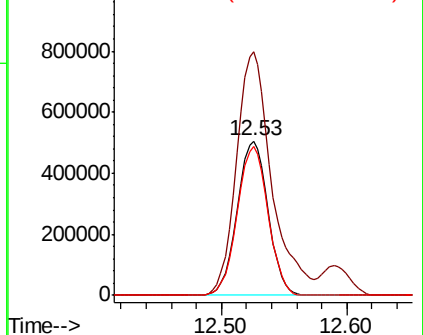
158 96.3 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 148.178 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052148.D

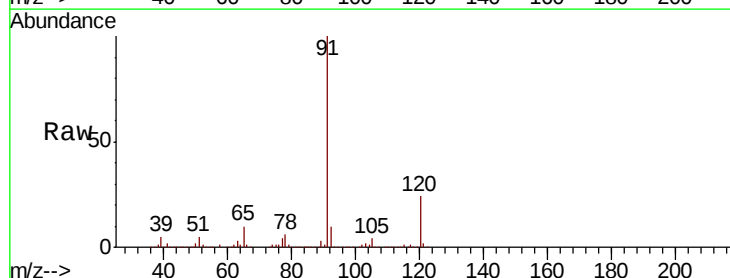
Acq: 5 Nov 2018 14:56

Tgt Ion: 91 Resp: 4081791

Ion Ratio Lower Upper

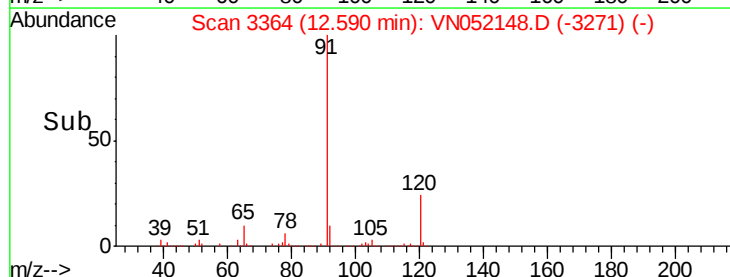
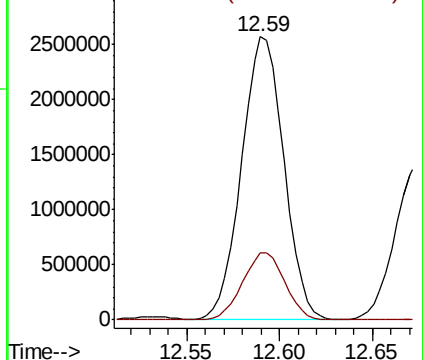
91 100

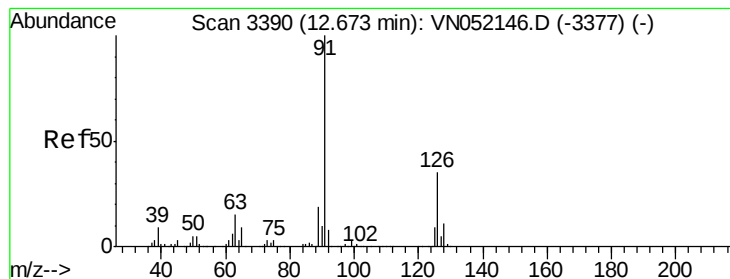
120 23.9 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 142.515 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

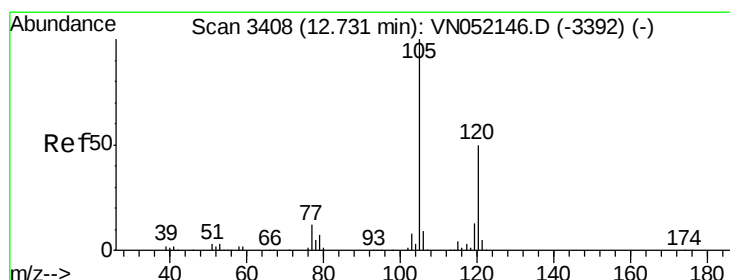
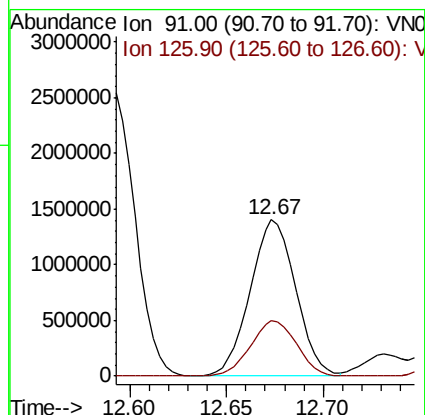
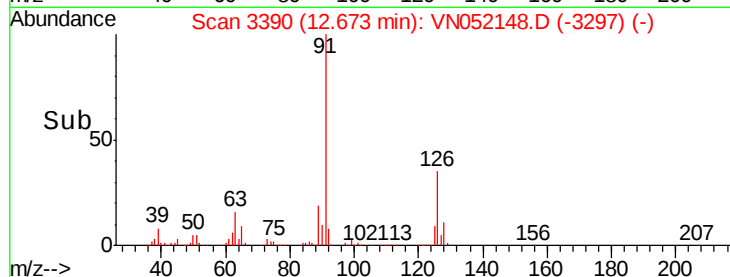
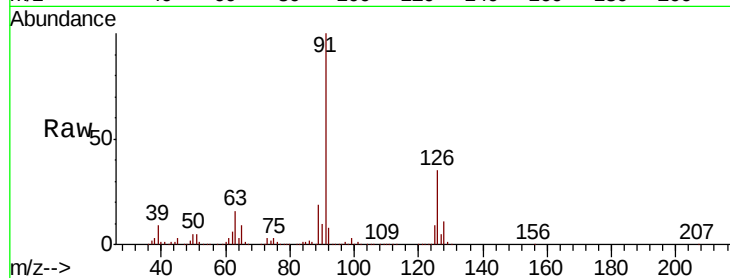
VSTDIC150

Tgt Ion: 91 Resp: 2302133

Ion Ratio Lower Upper

91 100

126 36.0 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 145.734 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052148.D

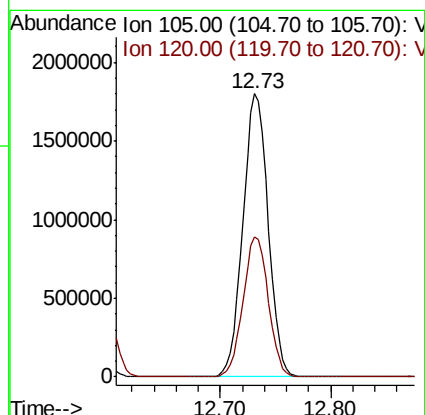
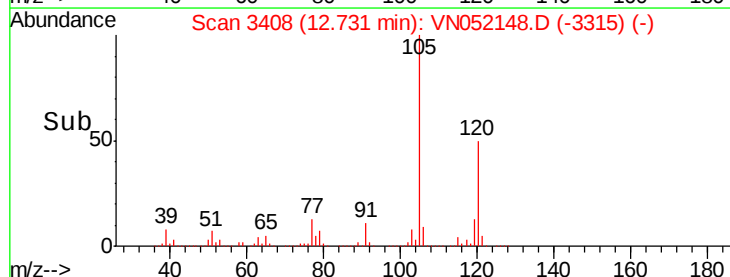
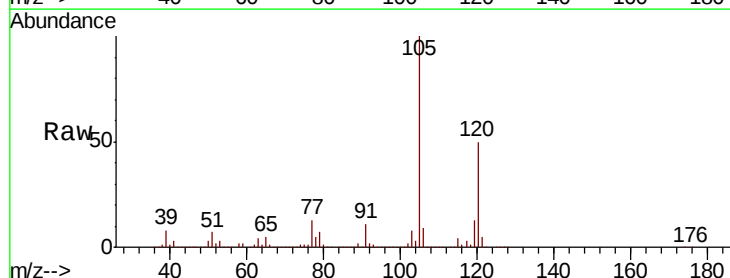
Acq: 5 Nov 2018 14:56

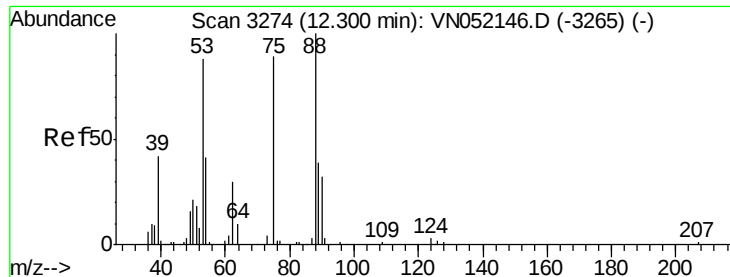
Tgt Ion: 105 Resp: 2843344

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 171.996 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

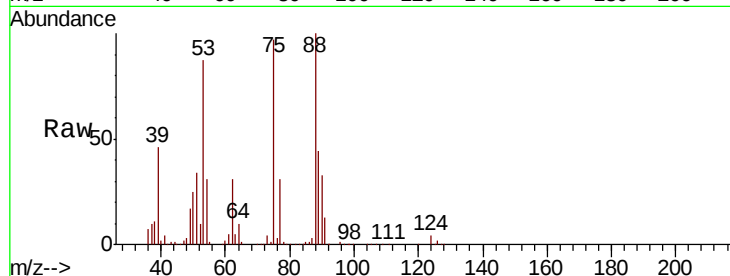
Tgt Ion: 75 Resp: 240983

Ion Ratio Lower Upper

75 100

53 90.9 79.4 119.0

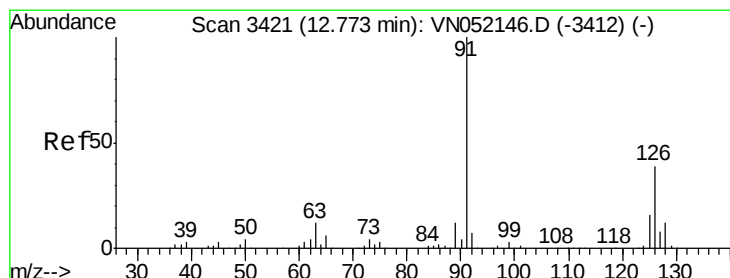
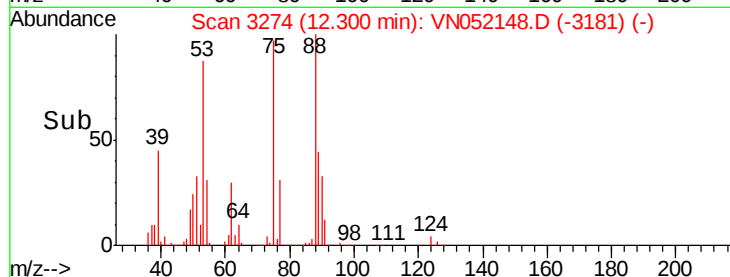
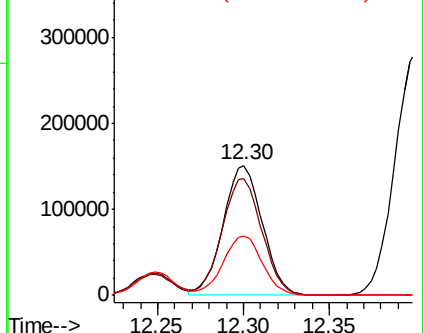
89 45.8 35.8 53.8



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 147.380 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052148.D

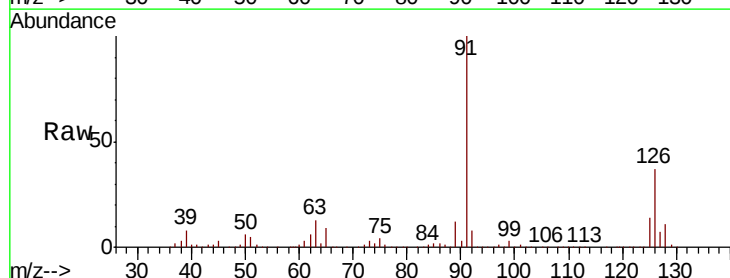
Acq: 5 Nov 2018 14:56

Tgt Ion: 91 Resp: 2392827

Ion Ratio Lower Upper

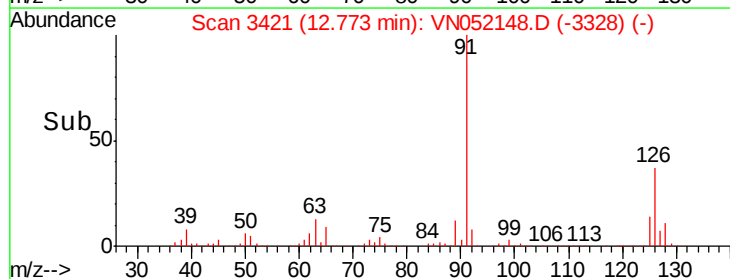
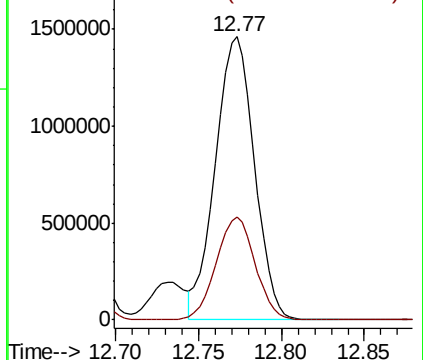
91 100

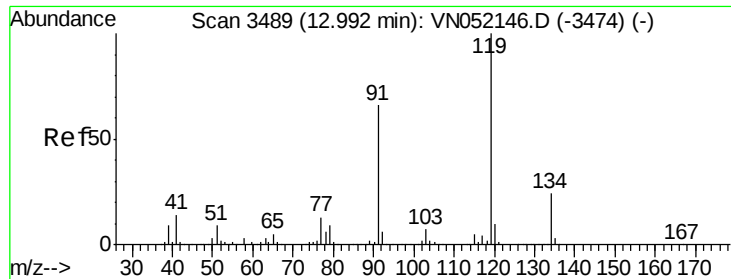
126 36.2 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): VNO

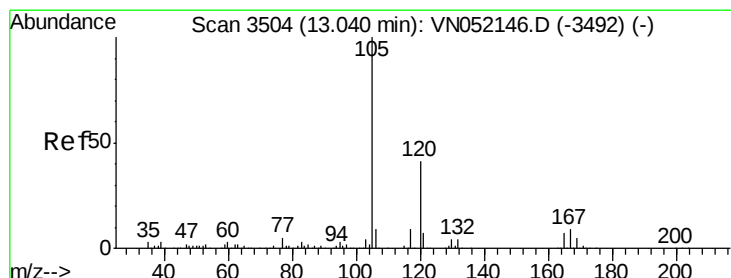
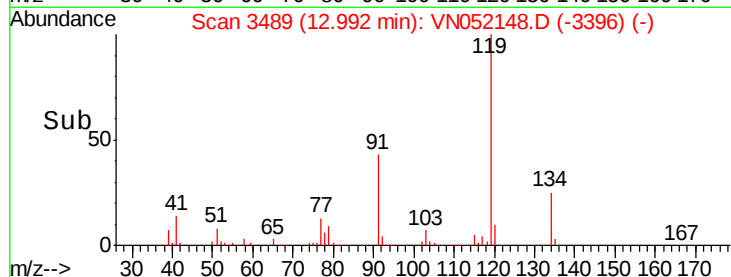
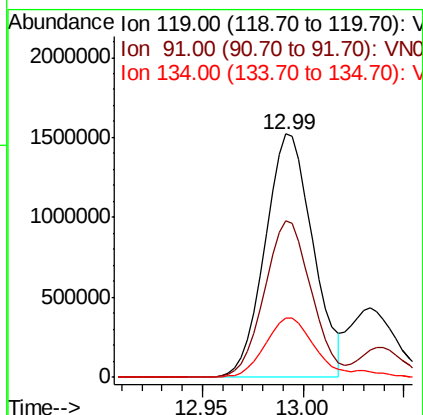
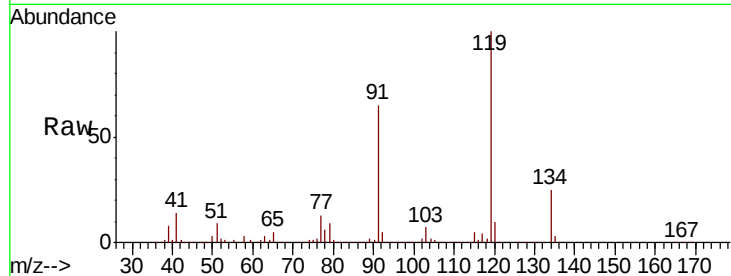




#83
 tert-Butylbenzene
 Concen: 145.256 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

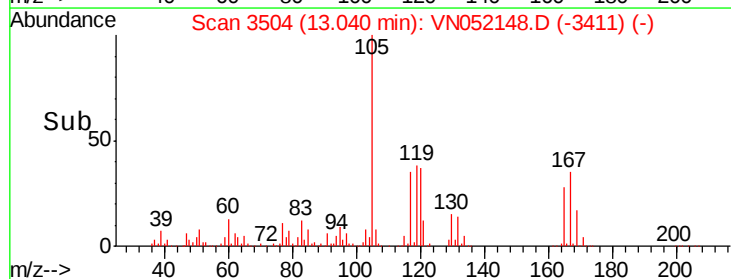
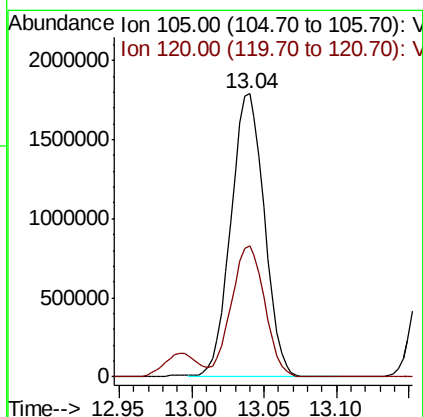
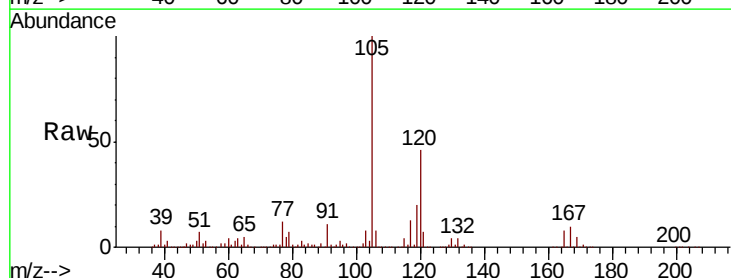
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

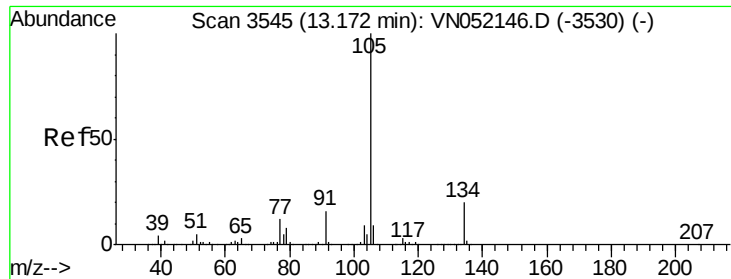
Tgt Ion:119 Resp: 2502430
 Ion Ratio Lower Upper
 119 100
 91 63.3 32.3 96.8
 134 26.5 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 147.726 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Tgt Ion:105 Resp: 2869047
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 148.239 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

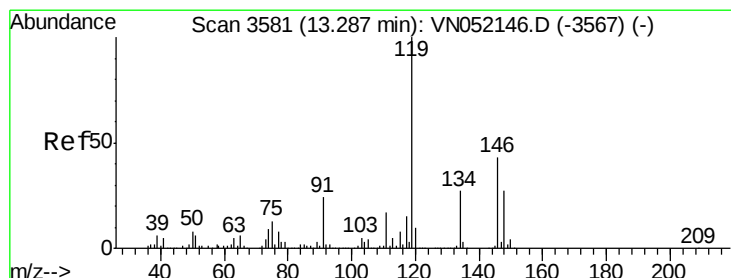
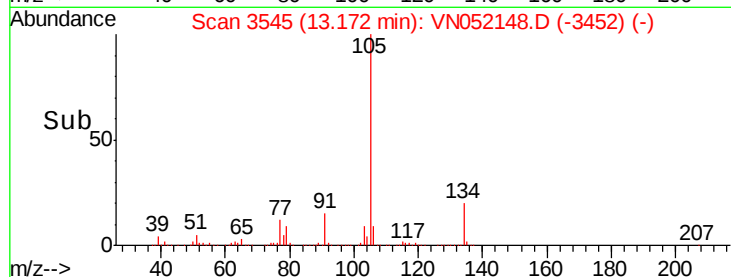
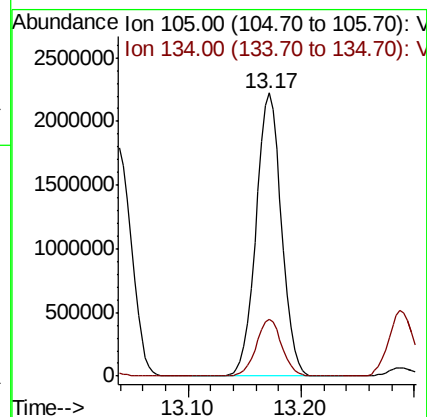
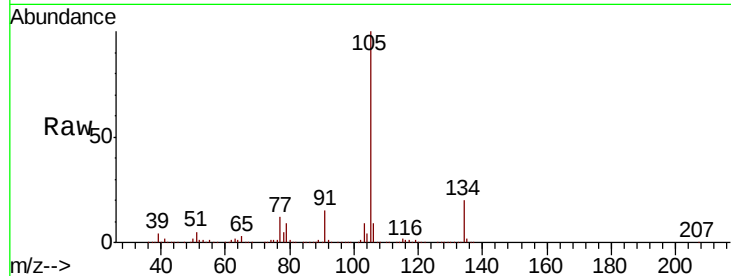
VSTDIC150

Tgt Ion:105 Resp: 3453244

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 152.281 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

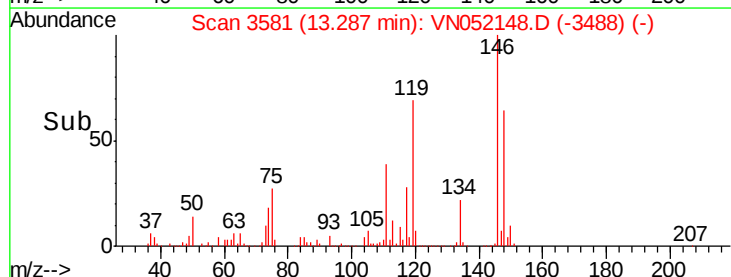
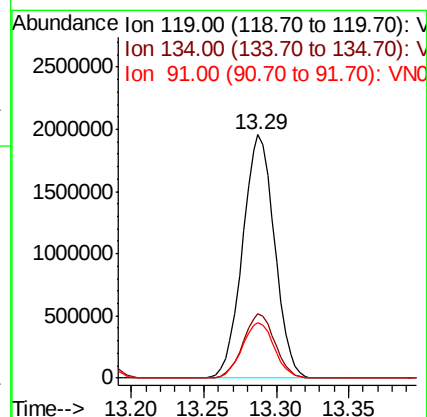
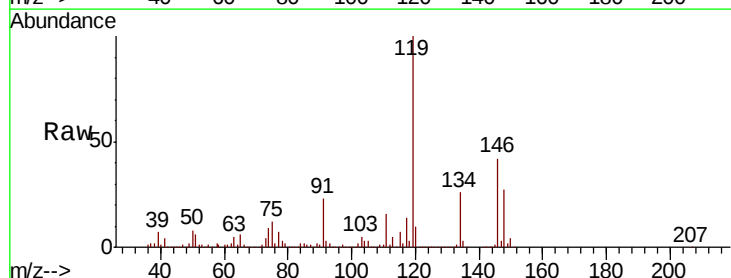
Tgt Ion:119 Resp: 2985814

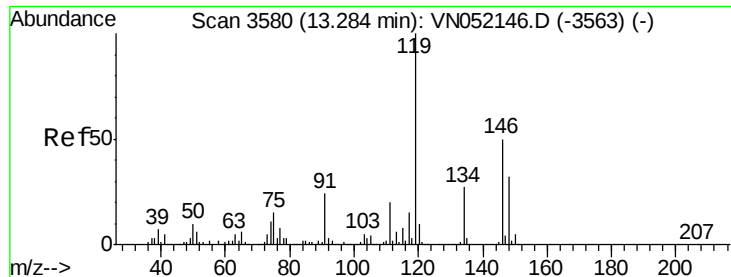
Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.5

91 22.9 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 150.146 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

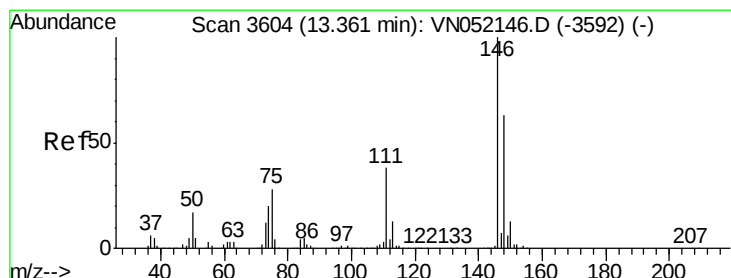
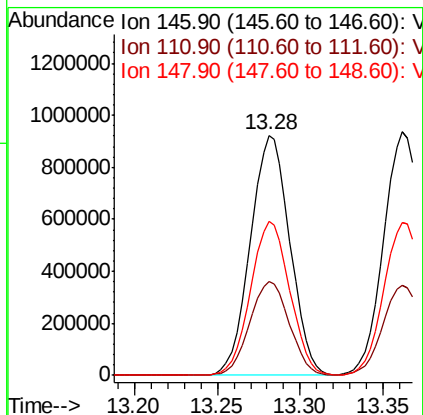
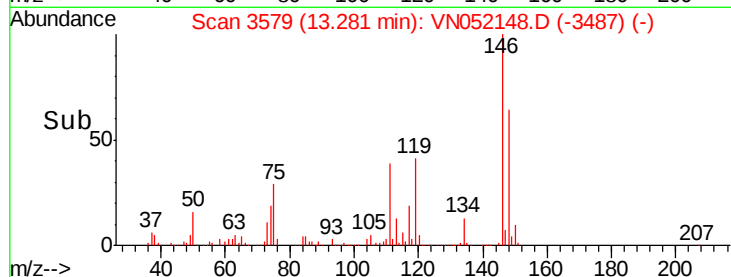
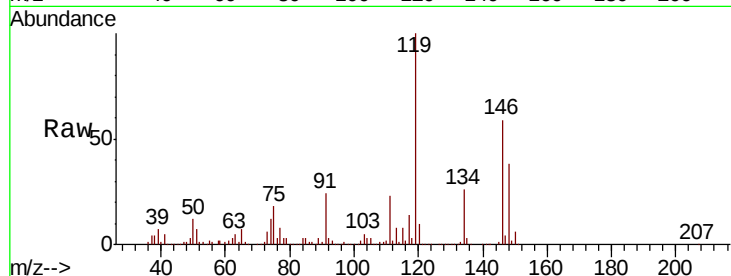
Tgt Ion:146 Resp: 1525072

Ion Ratio Lower Upper

146 100

111 39.3 20.2 60.6

148 63.6 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 151.004 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

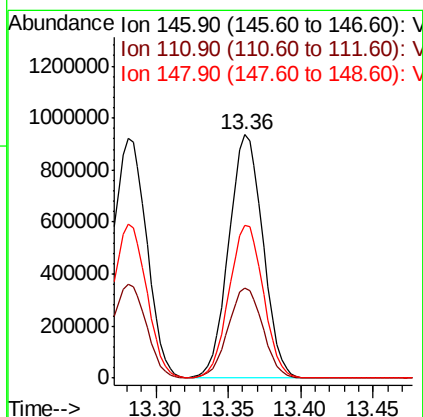
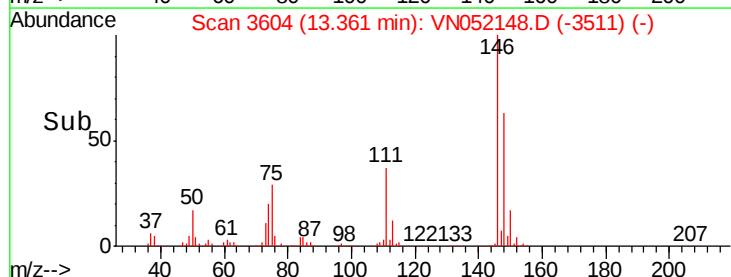
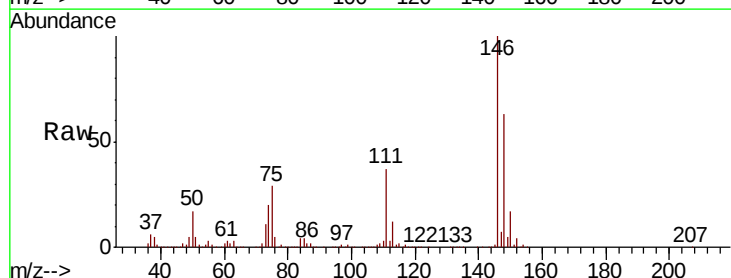
Tgt Ion:146 Resp: 1533053

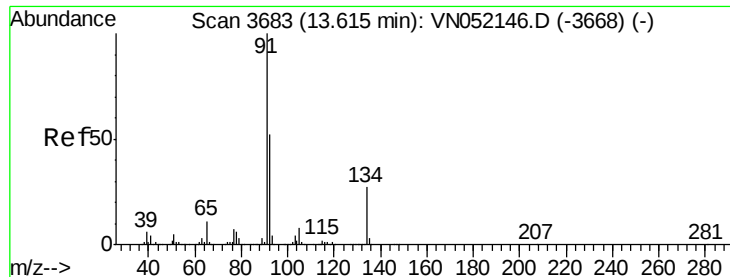
Ion Ratio Lower Upper

146 100

111 37.3 19.4 58.1

148 63.1 31.5 94.5





#89

n-Butylbenzene

Concen: 154.106 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052148.D

Acq: 5 Nov 2018 14:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

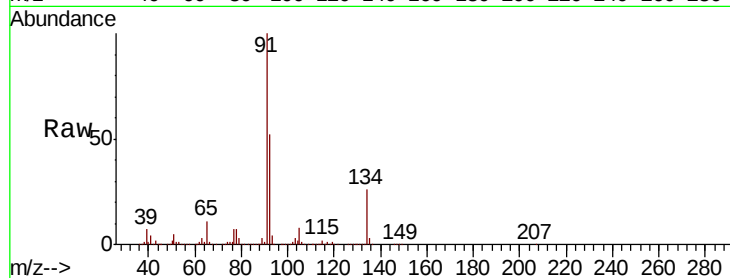
Tgt Ion: 91 Resp: 2616386

Ion Ratio Lower Upper

91 100

92 51.5 26.3 78.8

134 26.3 13.4 40.2

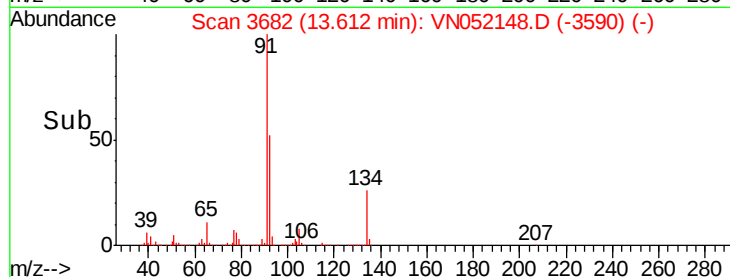


Abundance Ion 91.00 (90.70 to 91.70): VN052148.D (-3683) (-)

Ion 92.00 (91.70 to 92.70): VN052148.D (-3683) (-)

Ion 134.00 (133.70 to 134.70): VN052148.D (-3683) (-)

Time--> 13.50 13.61 13.70

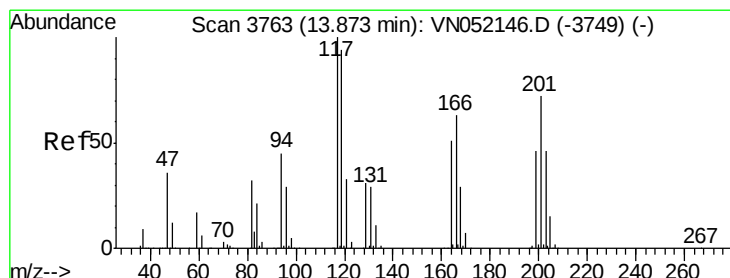


Abundance Ion 91.00 (90.70 to 91.70): VN052148.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN052148.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN052148.D (-3682) (-)

Time--> 13.50 13.61 13.70



#90

Hexachloroethane

Concen: 162.843 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN052148.D

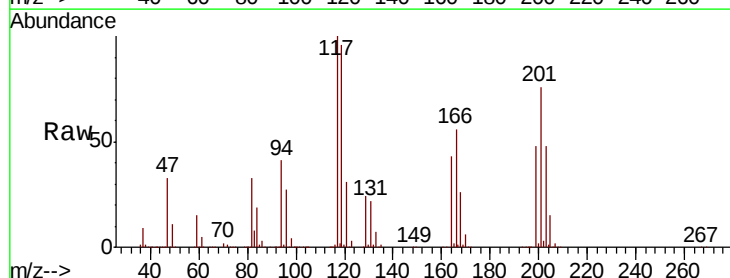
Acq: 5 Nov 2018 14:56

Tgt Ion: 117 Resp: 538108

Ion Ratio Lower Upper

117 100

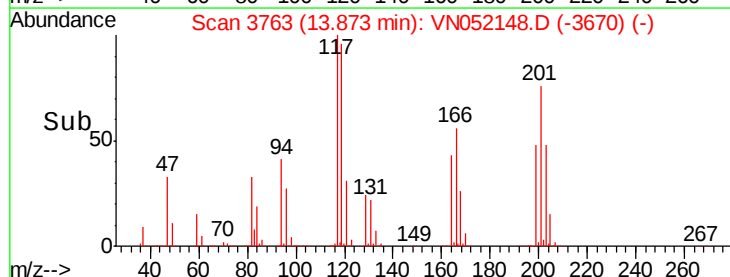
201 75.4 36.8 110.3



Abundance Ion 116.80 (116.50 to 117.50): VN052148.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN052148.D (-3763) (-)

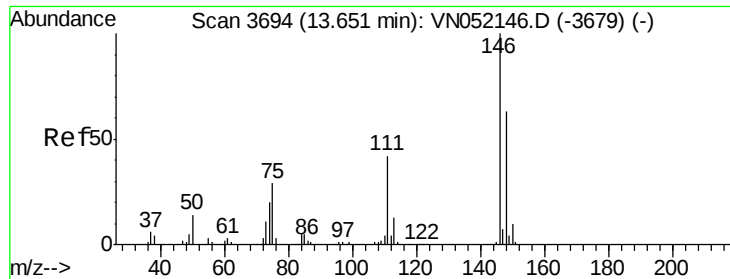
Time--> 13.80 13.87 13.90



Abundance Ion 116.80 (116.50 to 117.50): VN052148.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN052148.D (-3763) (-)

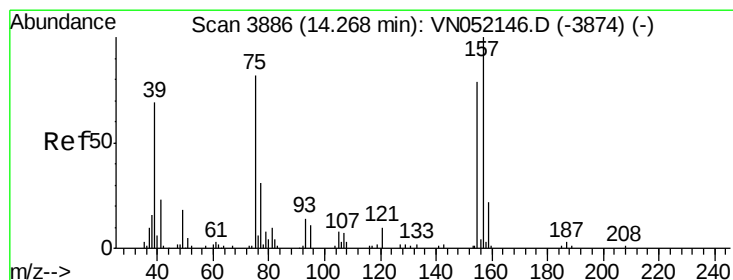
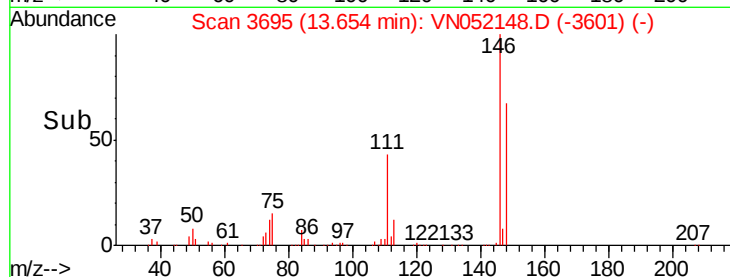
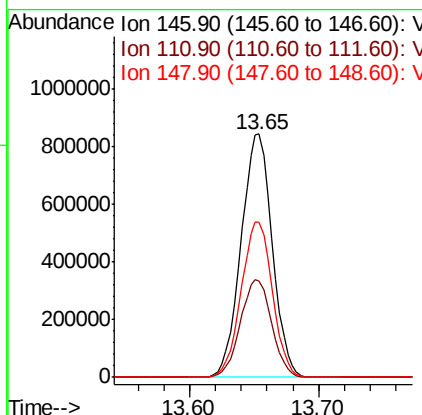
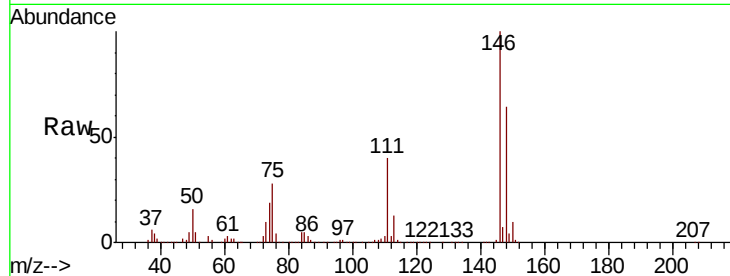
Time--> 13.80 13.87 13.90



#91
 1,2-Dichlorobenzene
 Concen: 148.683 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

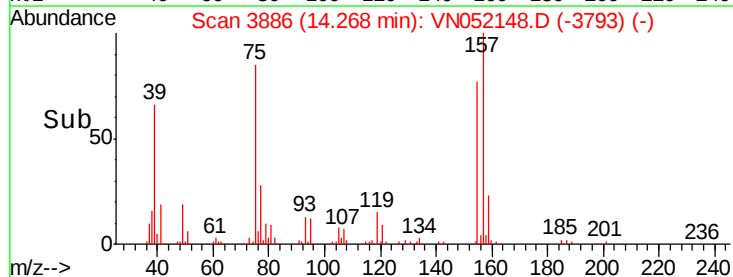
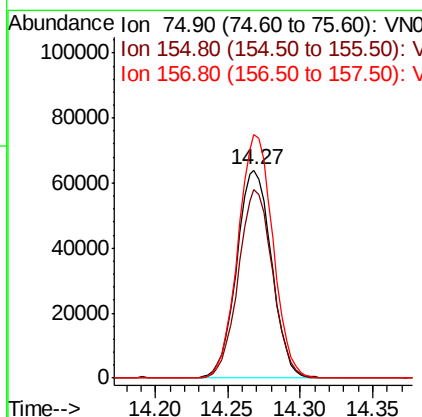
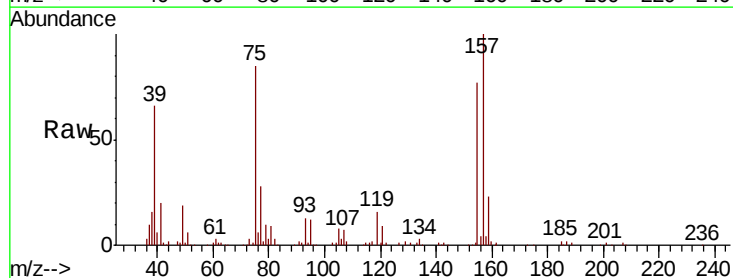
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

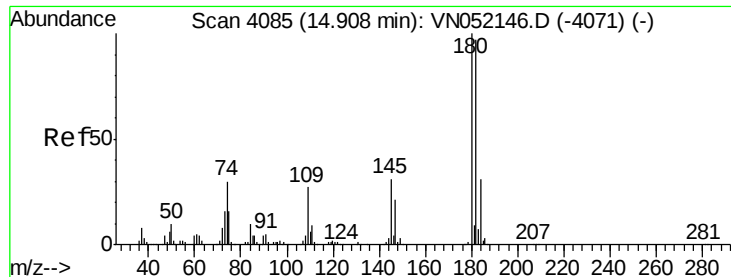
Tgt Ion:146 Resp: 1417295
 Ion Ratio Lower Upper
 146 100
 111 40.3 21.1 63.1
 148 64.0 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 153.952 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Tgt Ion: 75 Resp: 107221
 Ion Ratio Lower Upper
 75 100
 155 88.9 47.4 142.2
 157 117.0 60.3 180.8

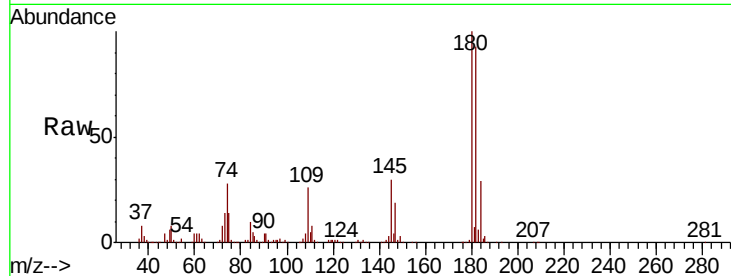




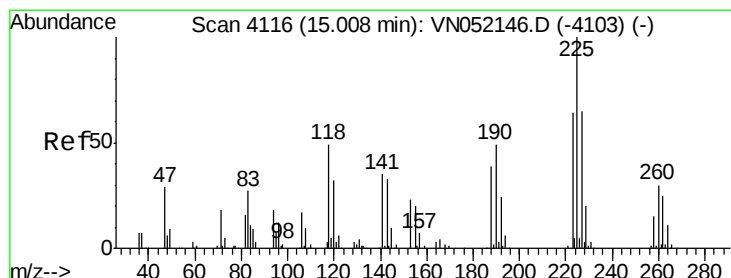
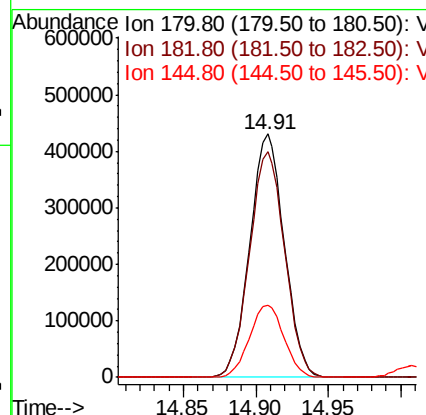
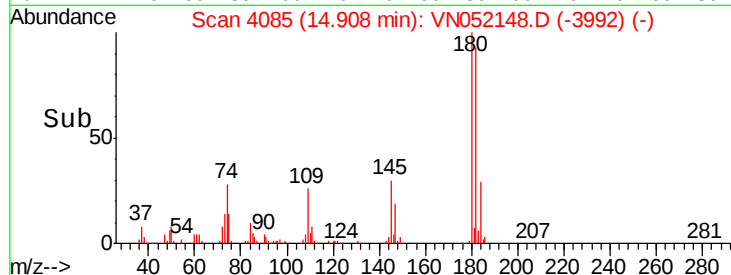
#93
 1,2,4-Trichlorobenzene
 Concen: 160.524 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:180 Resp: 711183
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.1 144.4
 145 29.9 15.3 45.9

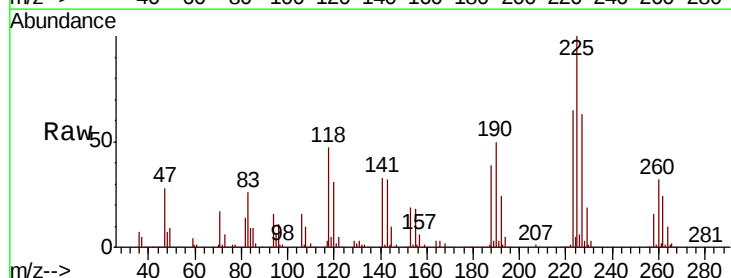


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

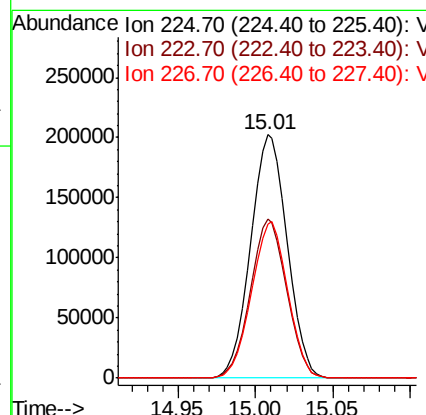
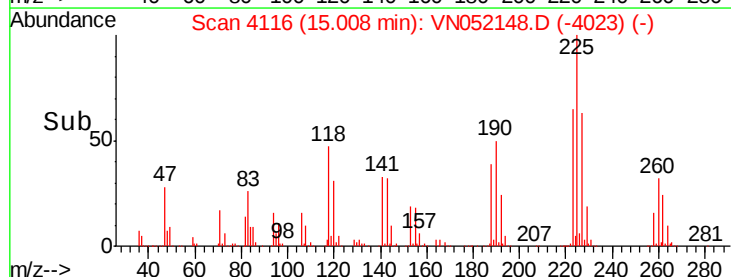


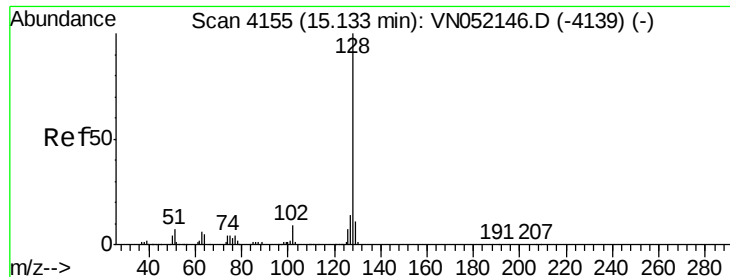
#94
 Hexachlorobutadiene
 Concen: 129.426 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN052148.D
 Acq: 5 Nov 2018 14:56

Tgt Ion:225 Resp: 333350
 Ion Ratio Lower Upper
 225 100
 223 64.7 32.3 96.8
 227 63.7 31.6 94.8



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

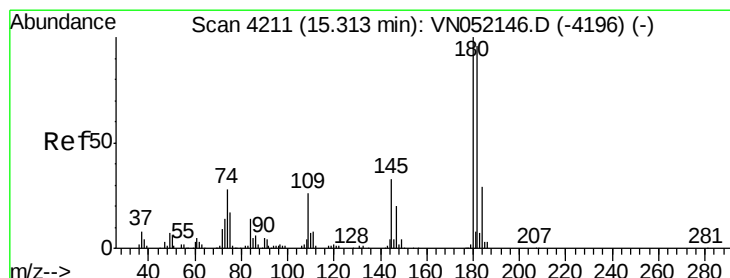
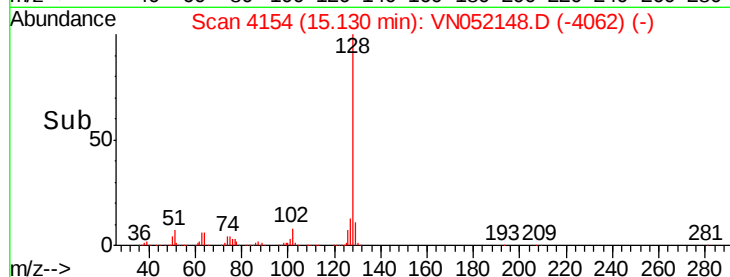
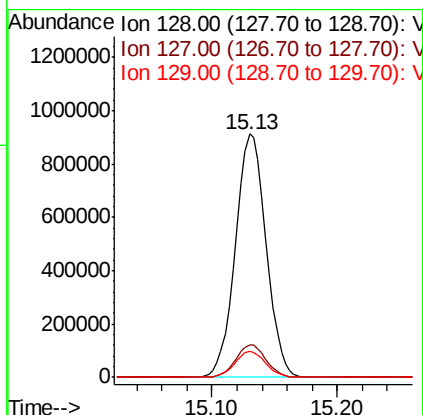
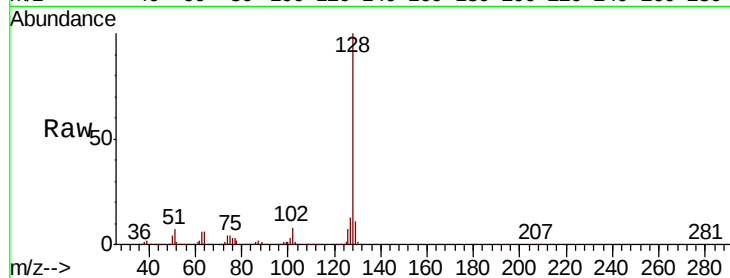




#95
Naphthalene
Concen: 158.572 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1547977
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 10.7 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 154.217 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052148.D
Acq: 5 Nov 2018 14:56

Tgt Ion:180 Resp: 605433
Ion Ratio Lower Upper
180 100
182 96.1 46.6 139.7
145 32.4 16.7 50.0

