

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110618\
 Data File : VN052181.D
 Acq On : 6 Nov 2018 10:21
 Operator : MD\SY
 Sample : VN1106WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

Quant Time: Nov 06 10:52:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 15:24:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	358339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	627370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	550954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	233411	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	210553	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	7.59	113	186593	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	10.09	98	717420	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.40	95	233445	47.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	64106	20.516	ug/l	95
3) Chloromethane	2.06	50	84009	19.919	ug/l	97
4) Vinyl Chloride	2.19	62	81677	20.220	ug/l	93
5) Bromomethane	2.57	94	55976	18.536	ug/l	96
6) Chloroethane	2.71	64	50738	19.644	ug/l	96
7) Trichlorofluoromethane	3.02	101	117607	20.043	ug/l	99
8) Diethyl Ether	3.41	74	38994	19.022	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.77	101	72728	20.742	ug/l	92
10) Methyl Iodide	3.96	142	93606	18.908	ug/l	98
11) Tert butyl alcohol	4.78	59	15404	83.092	ug/l #	76
12) 1,1-Dichloroethene	3.74	96	67893	20.567	ug/l	86
13) Acrolein	3.61	56	17977	116.697	ug/l	92
14) Allyl chloride	4.33	41	106177	19.271	ug/l #	92
15) Acrylonitrile	4.99	53	122093	100.378	ug/l	98
16) Acetone	3.81	43	93360	96.978	ug/l	99
17) Carbon Disulfide	4.06	76	178226	18.920	ug/l	100
18) Methyl Acetate	4.33	43	56783	19.059	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	185801	20.432	ug/l	96
20) Methylene Chloride	4.55	84	79536	19.884	ug/l	94
21) trans-1,2-Dichloroethene	5.05	96	70874	20.645	ug/l	95
22) Diisopropyl ether	5.96	45	245505	20.212	ug/l	99
23) Vinyl Acetate	5.90	43	827462	103.574	ug/l	98
24) 1,1-Dichloroethane	5.85	63	145021	21.106	ug/l	97
25) 2-Butanone	6.84	43	142343	95.354	ug/l	96
26) 2,2-Dichloropropane	6.83	77	108837	20.252	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	84319	20.247	ug/l	93
28) Bromochloromethane	7.20	49	70783	21.760	ug/l	91
29) Tetrahydrofuran	7.21	42	93041	100.734	ug/l	99
30) Chloroform	7.37	83	143736	21.006	ug/l	98
31) Cyclohexane	7.66	56	132783	19.743	ug/l	89
32) 1,1,1-Trichloroethane	7.57	97	121696	20.050	ug/l	95
36) 1,1-Dichloropropene	7.79	75	107367	19.346	ug/l	96
37) Ethyl Acetate	6.93	43	65102	18.629	ug/l #	79
38) Carbon Tetrachloride	7.78	117	104752	18.892	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110618\
 Data File : VN052181.D
 Acq On : 6 Nov 2018 10:21
 Operator : MD\SY
 Sample : VN1106WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

Quant Time: Nov 06 10:52:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 15:24:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	129623	19.721	ug/l	95
40) Benzene	8.04	78	318055	19.495	ug/l	99
41) Methacrylonitrile	7.17	41	31339	17.446	ug/l #	74
42) 1,2-Dichloroethane	8.13	62	102320	19.509	ug/l	95
43) Isopropyl Acetate	8.17	43	117639	18.577	ug/l	99
44) Trichloroethene	8.84	130	80716	18.686	ug/l	87
45) 1,2-Dichloropropane	9.12	63	87428	20.234	ug/l	97
46) Dibromomethane	9.21	93	51189	18.629	ug/l #	91
47) Bromodichloromethane	9.40	83	106029	19.785	ug/l #	96
48) Methyl methacrylate	9.20	41	59369	19.479	ug/l	99
49) 1,4-Dioxane	9.20	88	8220	305.480	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	320876	95.914	ug/l	100
52) Toluene	10.16	92	196408	19.964	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	97853	18.613	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	120393	19.570	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	69192	19.947	ug/l	95
56) Ethyl methacrylate	10.43	69	85361	18.880	ug/l	99
57) 1,3-Dichloropropane	10.71	76	117023	19.150	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.70	63	219274	90.116	ug/l	95
59) 2-Hexanone	10.75	43	215518	92.542	ug/l	99
60) Dibromochloromethane	10.90	129	74680	18.932	ug/l	98
61) 1,2-Dibromoethane	11.00	107	68276	19.391	ug/l	99
64) Tetrachloroethene	10.63	164	73150	20.494	ug/l	91
65) Chlorobenzene	11.43	112	217374	19.357	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	75978	20.146	ug/l	96
67) Ethyl Benzene	11.51	91	367722	19.715	ug/l	98
68) m/p-Xylenes	11.62	106	285456	39.663	ug/l	90
69) o-Xylene	11.95	106	138216	19.803	ug/l	92
70) Styrene	11.96	104	219919	19.904	ug/l	94
71) Bromoform	12.13	173	40164	17.874	ug/l #	99
73) Isopropylbenzene	12.25	105	355399	20.138	ug/l	97
74) N-amyl acetate	12.07	43	98932	18.450	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	77418	20.041	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	97853	31.718	ug/l #	100
77) Bromobenzene	12.53	156	83130	19.753	ug/l	79
78) n-propylbenzene	12.59	91	403108	19.986	ug/l	97
79) 2-Chlorotoluene	12.67	91	233821	19.769	ug/l	91
80) 1,3,5-Trimethylbenzene	12.73	105	284405	19.909	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	19890	19.389	ug/l	98
82) 4-Chlorotoluene	12.77	91	236659	19.908	ug/l	91
83) tert-Butylbenzene	12.99	119	252149	19.990	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	284782	20.027	ug/l	95
85) sec-Butylbenzene	13.17	105	335838	19.690	ug/l	96
86) p-Isopropyltoluene	13.29	119	284731	19.833	ug/l	95
87) 1,3-Dichlorobenzene	13.28	146	144125	19.379	ug/l	96
88) 1,4-Dichlorobenzene	13.36	146	140667	18.924	ug/l	99
89) n-Butylbenzene	13.61	91	239033	19.229	ug/l	97
90) Hexachloroethane	13.87	117	46733	19.315	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	135542	19.420	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10585	20.757	ug/l	81

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110618\
Data File : VN052181.D
Acq On : 6 Nov 2018 10:21
Operator : MD\SY
Sample : VN1106WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Quant Time: Nov 06 10:52:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 15:24:48 2018
Response via : Initial Calibration

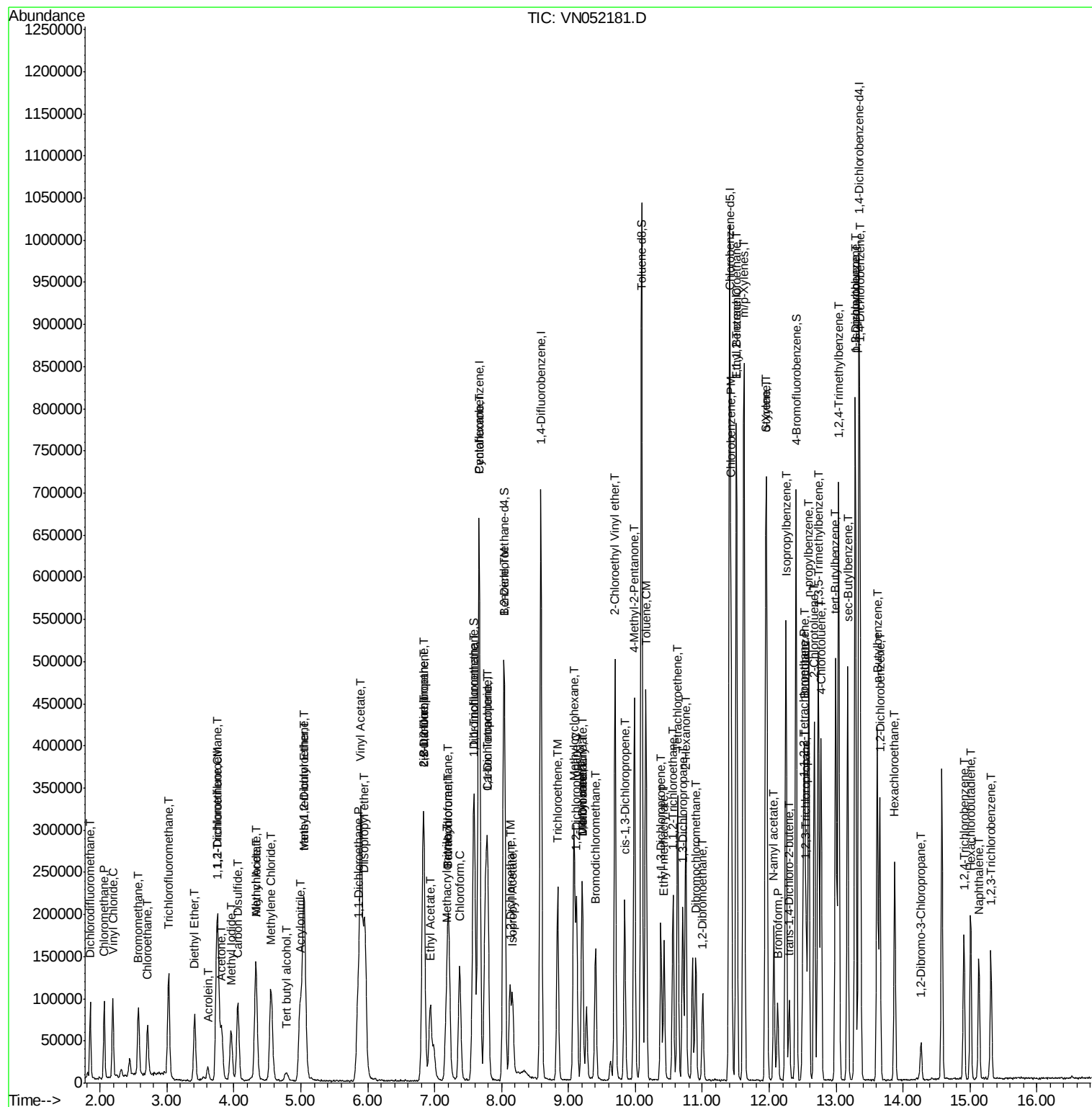
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	51894	17.296	ug/l	97
94) Hexachlorobutadiene	15.01	225	33130	19.994	ug/l	97
95) Naphthalene	15.13	128	120811	16.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	48313	18.184	ug/l	98

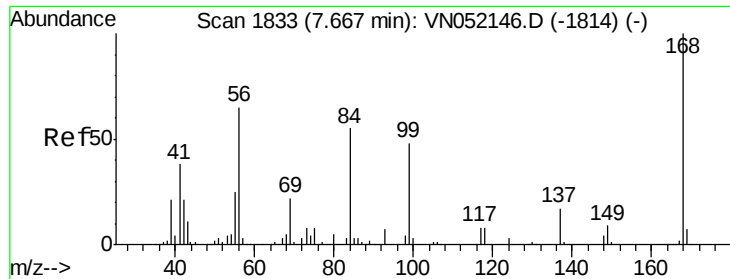
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN110618\
Data File : VN052181.D
Acq On : 6 Nov 2018 10:21
Operator : MD\SY
Sample : VN1106WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 28

Instrument :
MSVOA_N
Client Sample Id :
VN1106WBS02

Quant Time: Nov 06 10:52:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 05 15:24:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

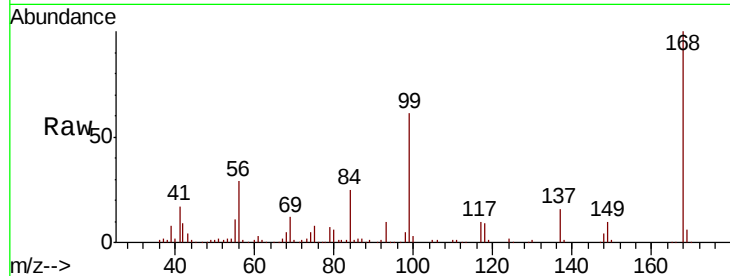
VN1106WBS02

Tgt Ion:168 Resp: 358339

Ion Ratio Lower Upper

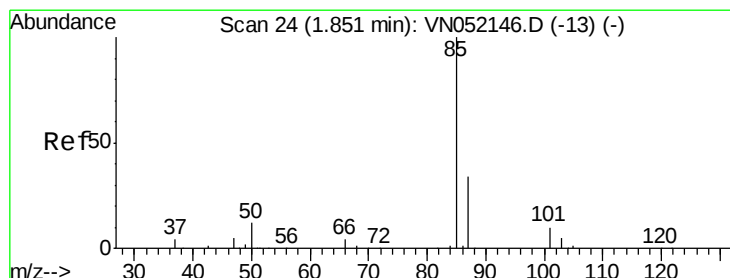
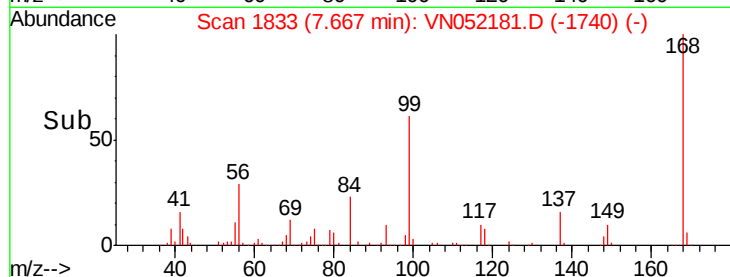
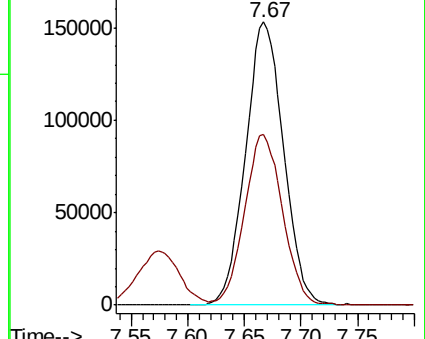
168 100

99 60.3 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 20.516 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052181.D

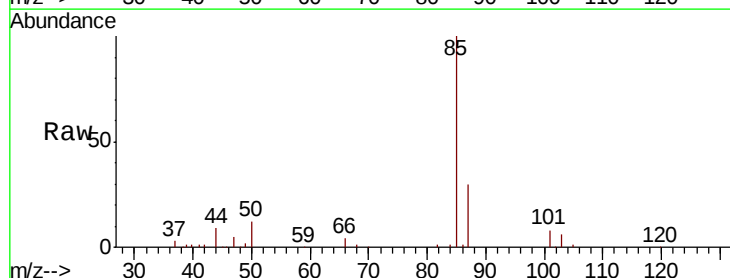
Acq: 6 Nov 2018 10:21

Tgt Ion: 85 Resp: 64106

Ion Ratio Lower Upper

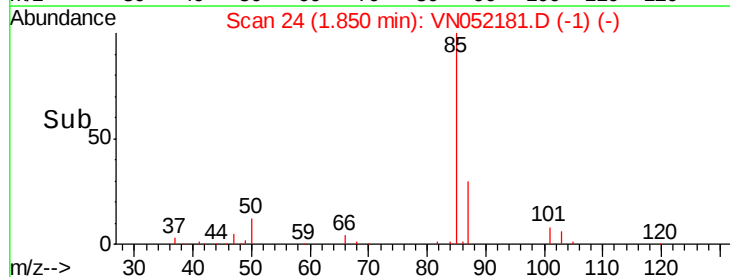
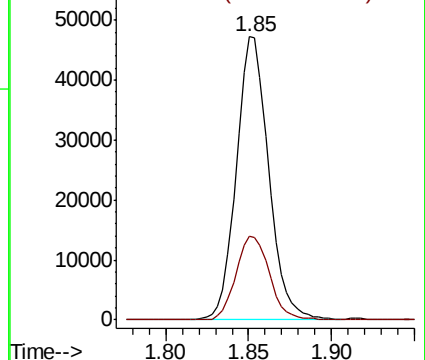
85 100

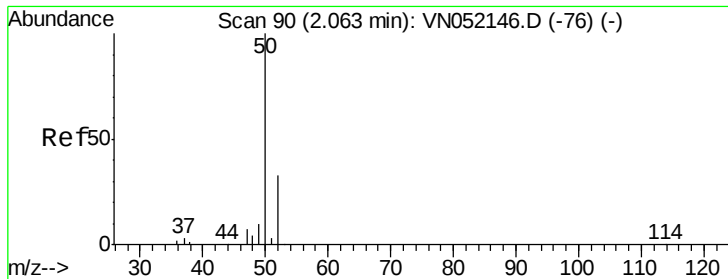
87 29.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 19.919 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

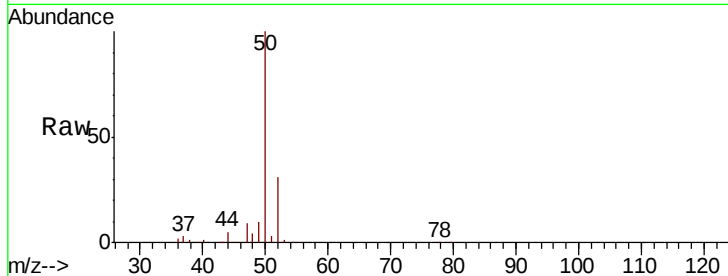
VN1106WBS02

Tgt Ion: 50 Resp: 84009

Ion Ratio Lower Upper

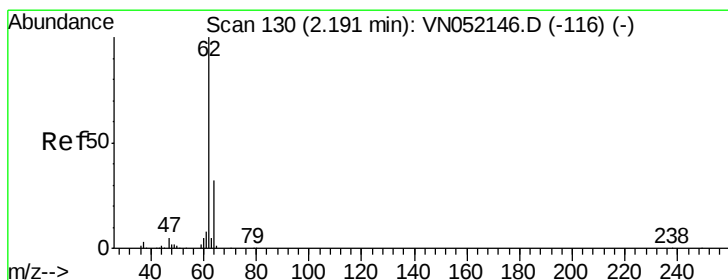
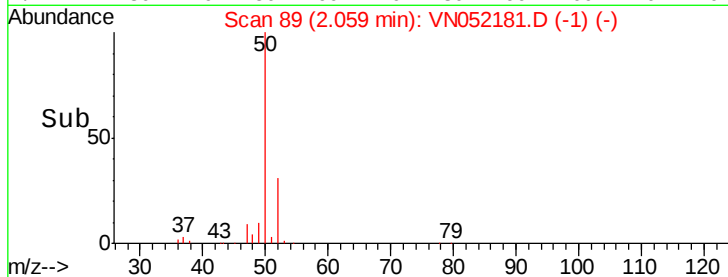
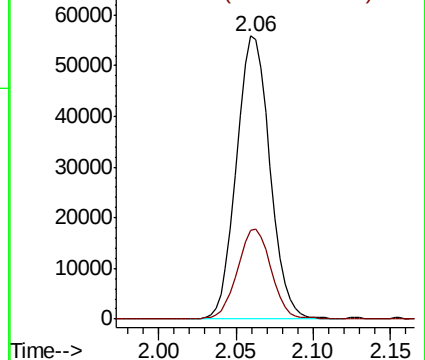
50 100

52 31.4 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.220 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052181.D

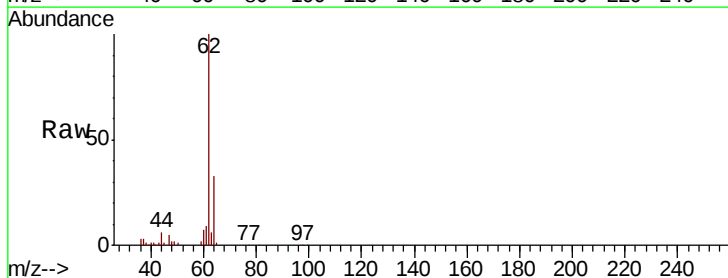
Acq: 6 Nov 2018 10:21

Tgt Ion: 62 Resp: 81677

Ion Ratio Lower Upper

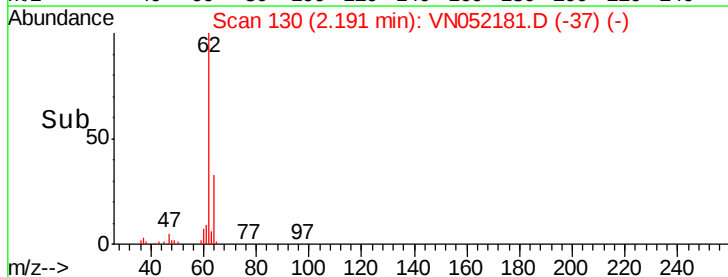
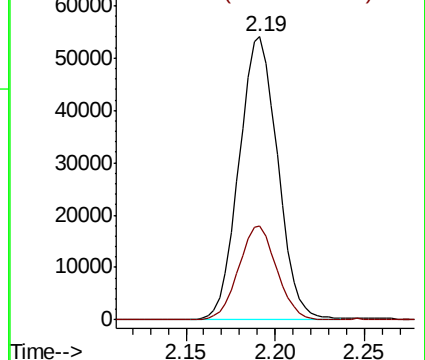
62 100

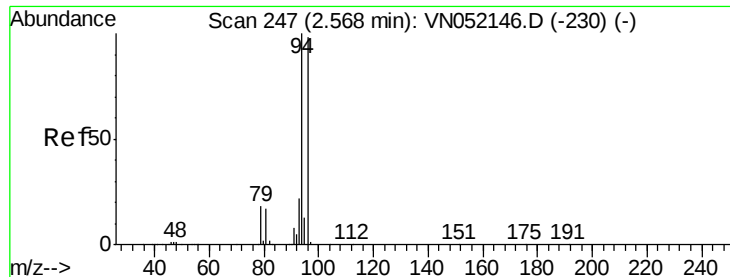
64 33.3 23.7 35.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.536 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

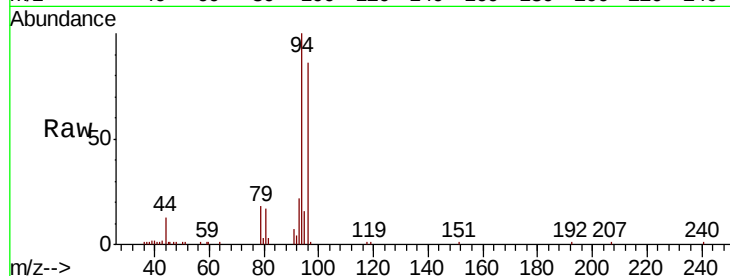
VN1106WBS02

Tgt Ion: 94 Resp: 55976

Ion Ratio Lower Upper

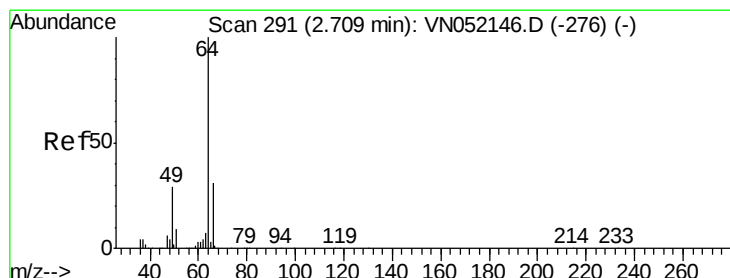
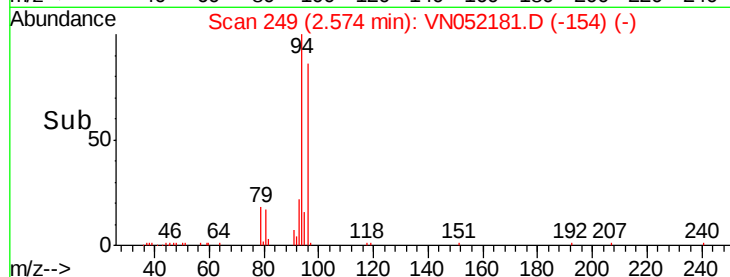
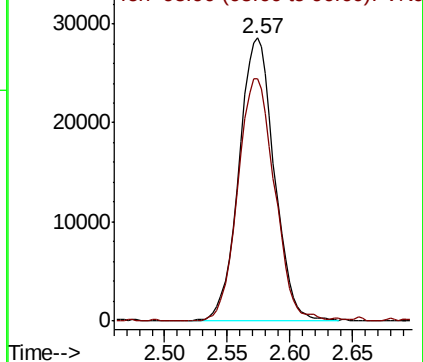
94 100

96 85.6 71.8 107.6



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.644 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052181.D

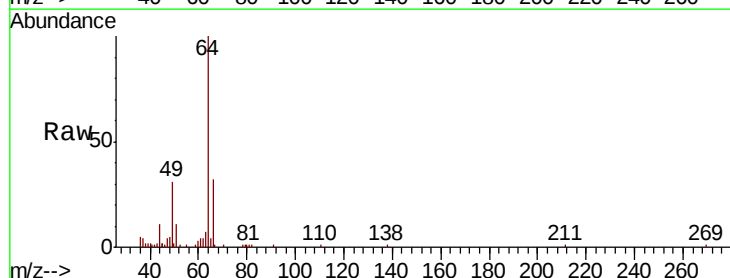
Acq: 6 Nov 2018 10:21

Tgt Ion: 64 Resp: 50738

Ion Ratio Lower Upper

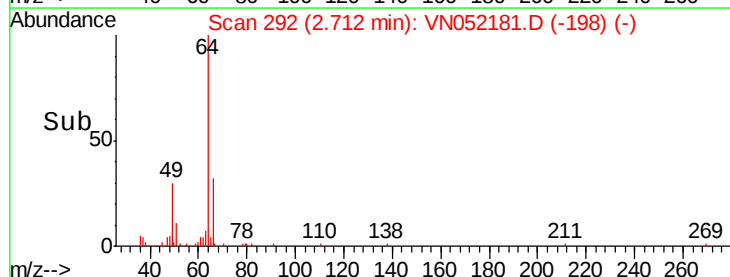
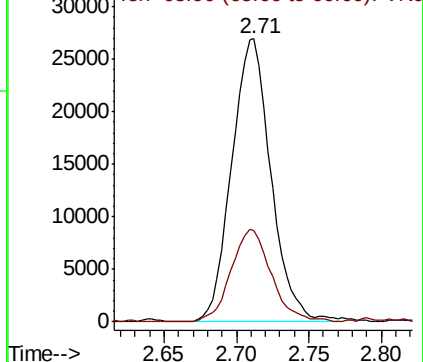
64 100

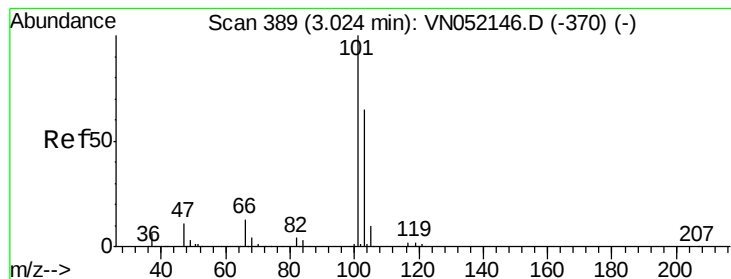
66 32.3 27.9 41.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



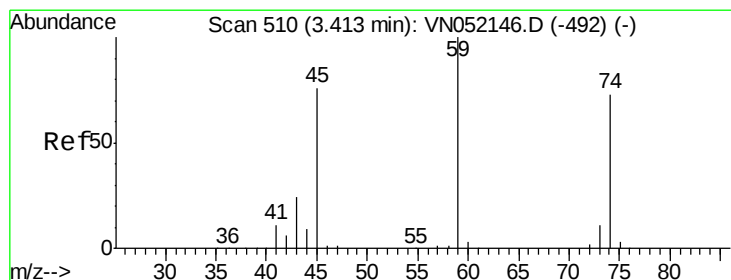
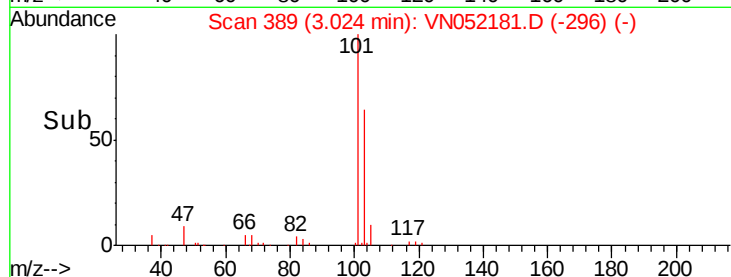
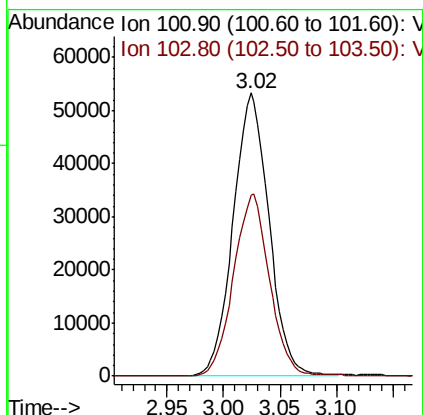
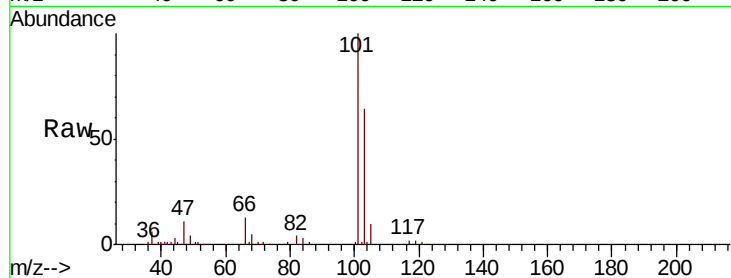


#7

Trichlorofluoromethane
 Concen: 20.043 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

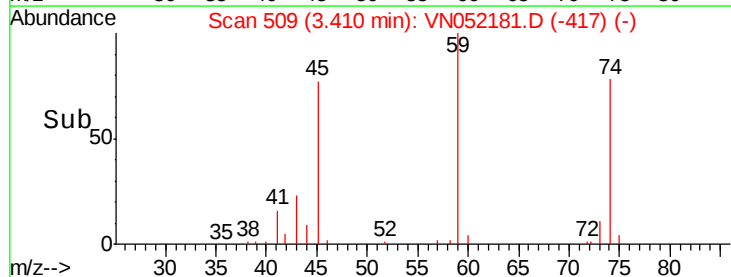
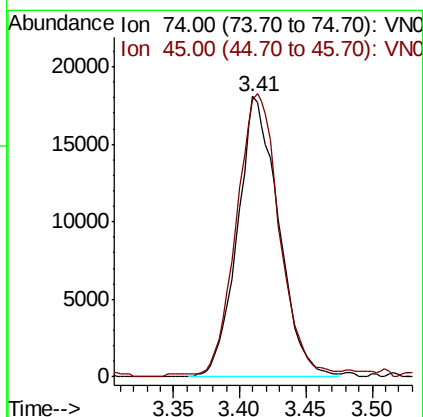
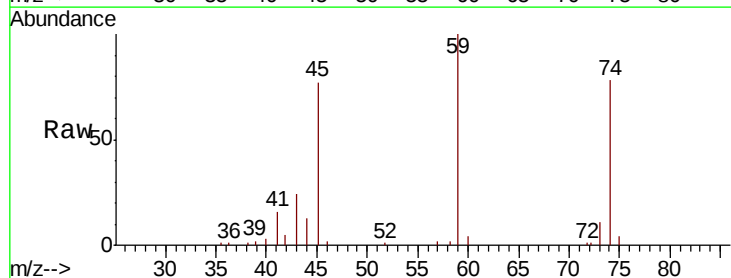
Tgt Ion:101 Resp: 117607
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.0 76.4

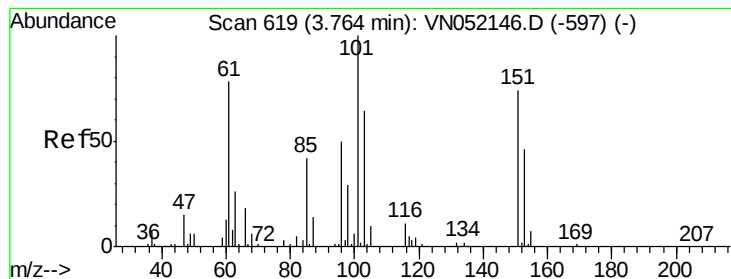


#8

Diethyl Ether
 Concen: 19.022 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Tgt Ion: 74 Resp: 38994
 Ion Ratio Lower Upper
 74 100
 45 102.9 55.6 166.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.742 ug/l

RT: 3.77 min Scan# 621

Delta R.T. 0.01 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

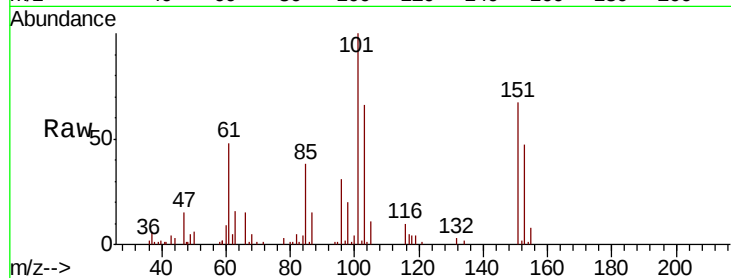
Tgt Ion:101 Resp: 72728

Ion Ratio Lower Upper

101 100

85 43.8 38.6 58.0

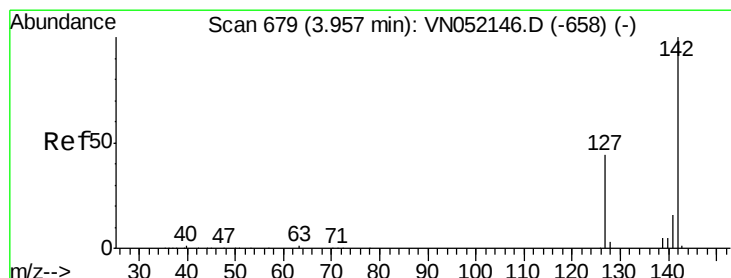
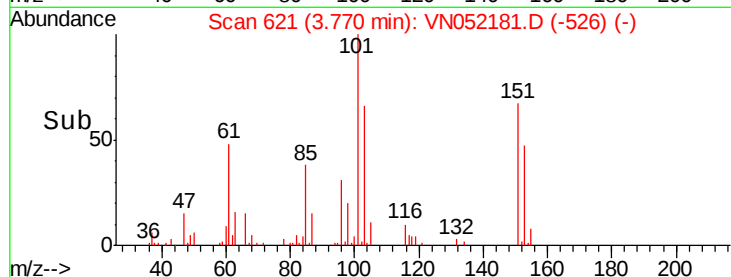
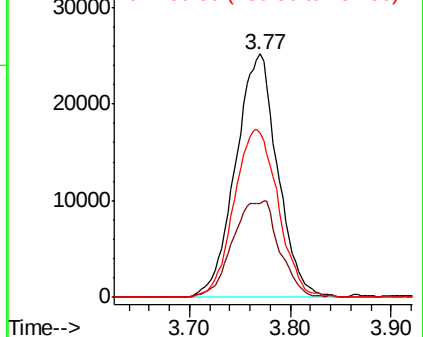
151 72.2 52.6 78.8



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: 18.908 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

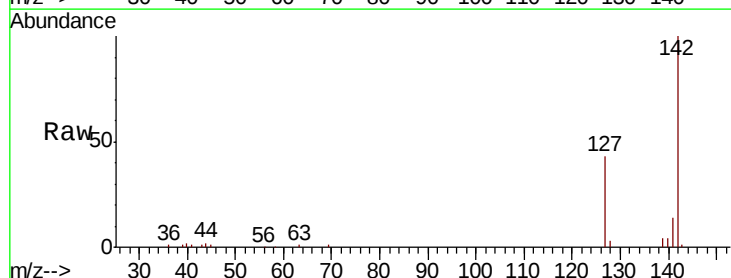
Tgt Ion:142 Resp: 93606

Ion Ratio Lower Upper

142 100

127 44.9 37.3 55.9

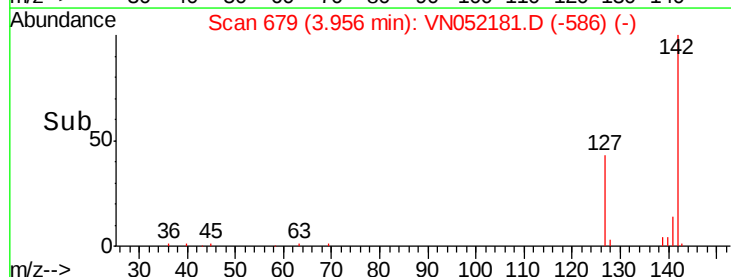
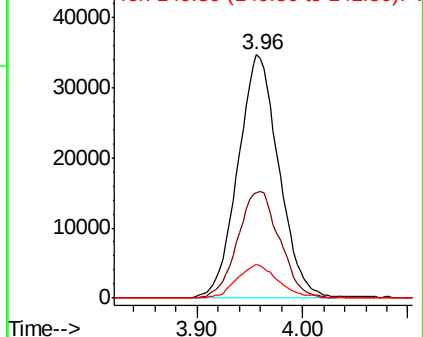
141 13.9 11.4 17.2

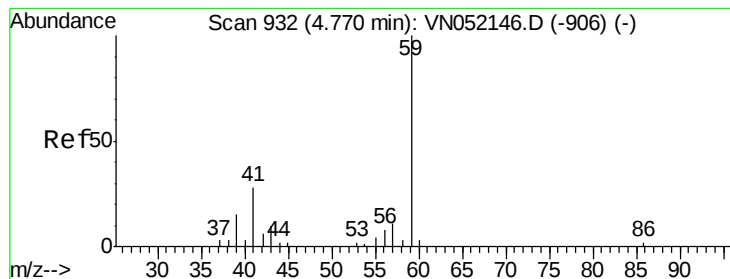


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



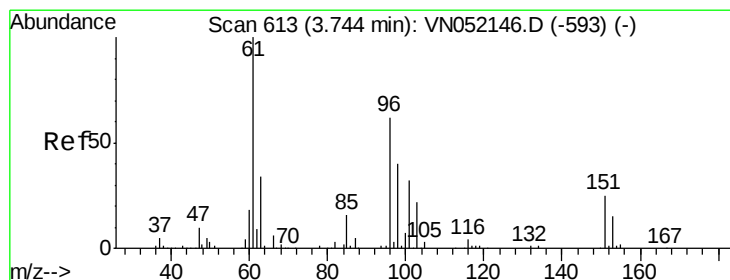
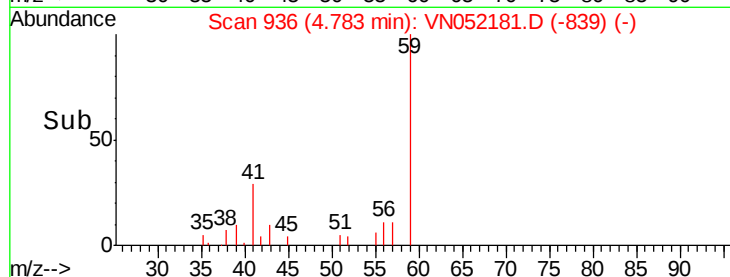
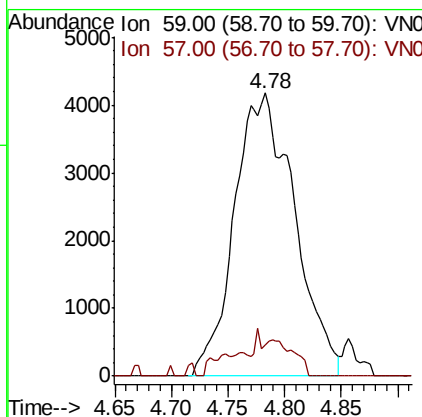
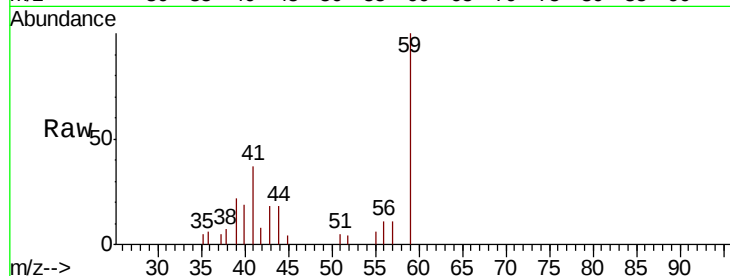


#11

Tert butyl alcohol
 Concen: 83.092 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

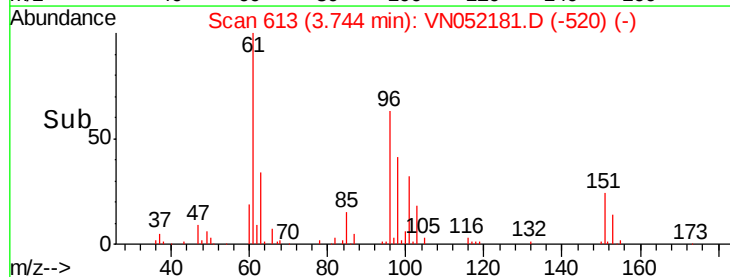
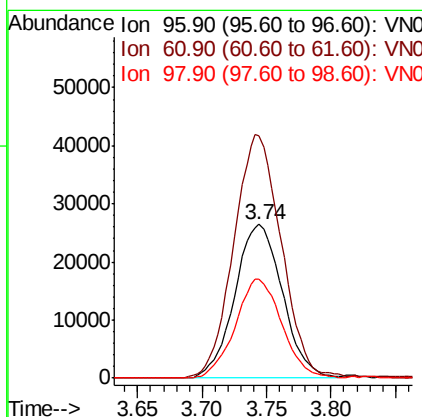
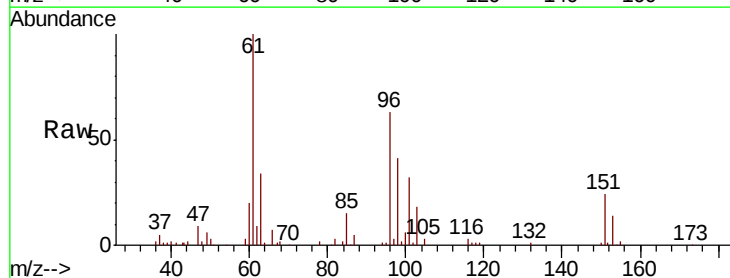
Tgt Ion: 59 Resp: 15404
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.6#

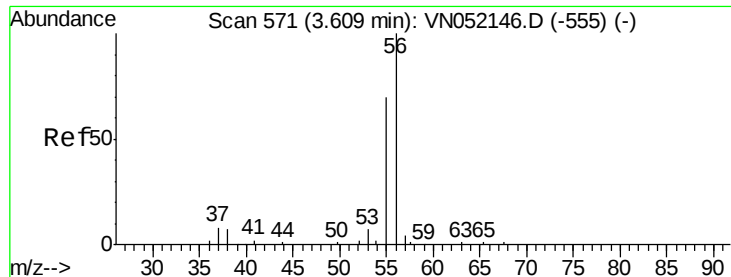


#12

1,1-Dichloroethene
 Concen: 20.567 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Tgt Ion: 96 Resp: 67893
 Ion Ratio Lower Upper
 96 100
 61 157.2 145.7 218.5
 98 64.6 49.8 74.8

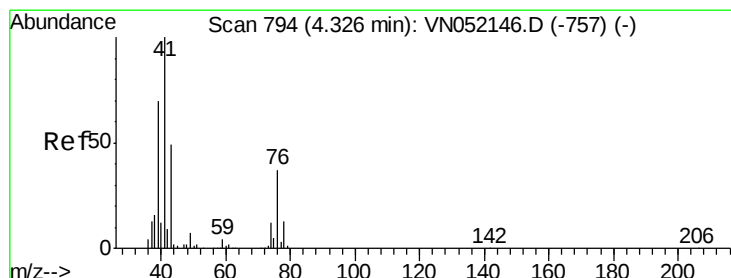
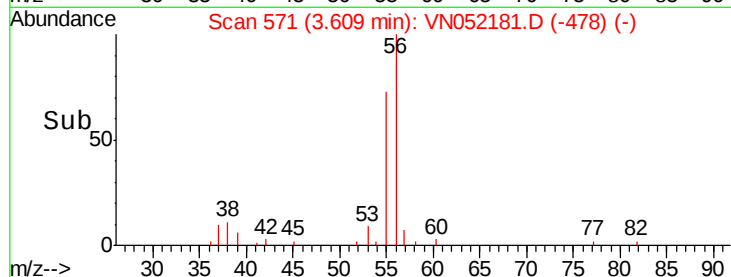
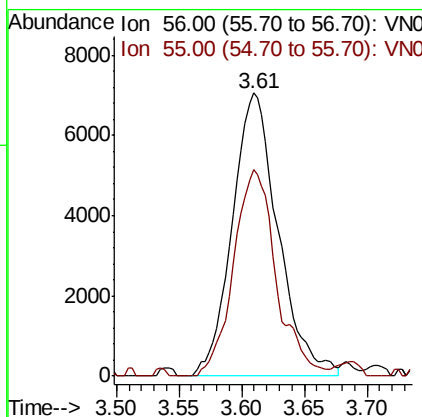
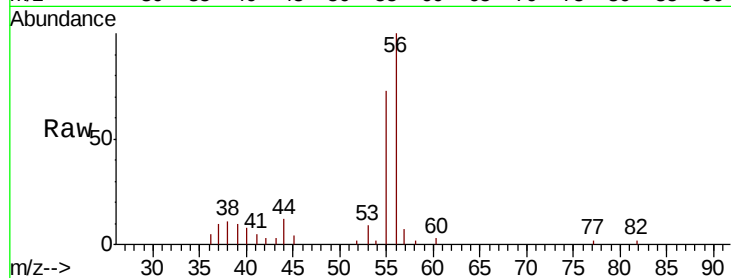




#13
 Acrolein
 Concen: 116.697 ug/l
 RT: 3.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

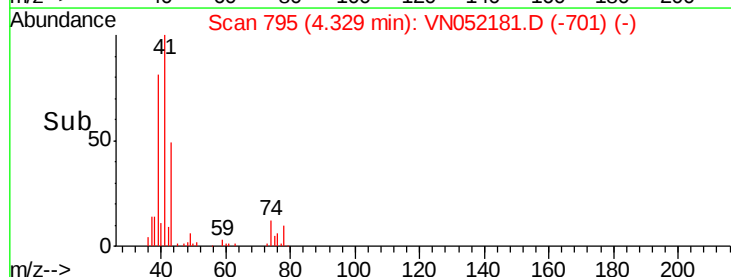
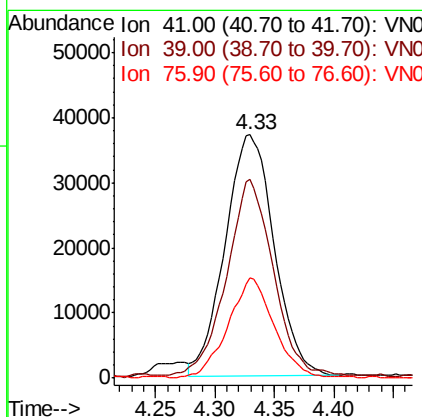
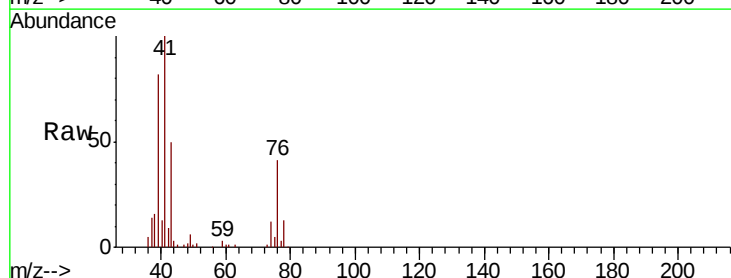
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

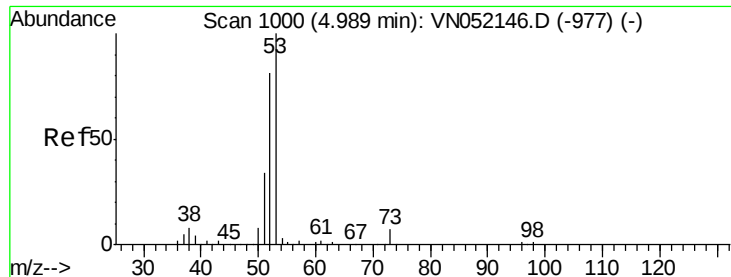
Tgt Ion: 56 Resp: 17977
 Ion Ratio Lower Upper
 56 100
 55 67.9 59.9 89.9



#14
 Allyl chloride
 Concen: 19.271 ug/l
 RT: 4.33 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Tgt Ion: 41 Resp: 106177
 Ion Ratio Lower Upper
 41 100
 39 78.0 58.1 87.1
 76 39.3 26.0 39.0#





#15

Acrylonitrile

Concen: 100.378 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

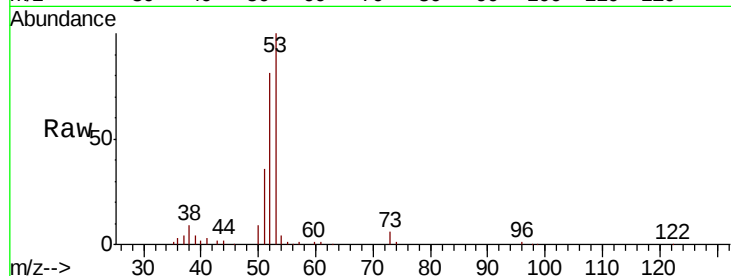
Tgt Ion: 53 Resp: 122093

Ion Ratio Lower Upper

53 100

52 80.8 66.6 100.0

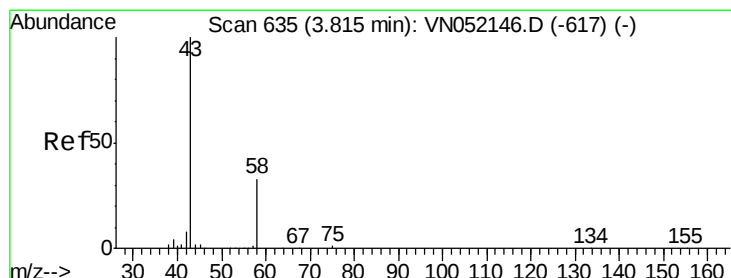
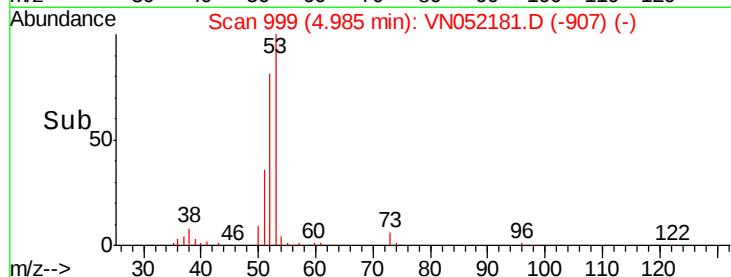
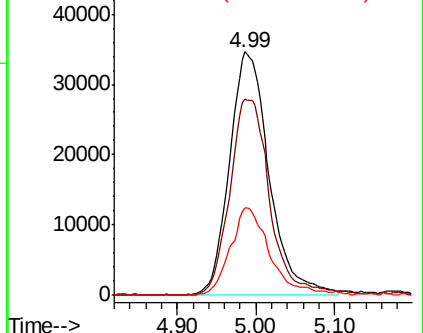
51 35.2 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 96.978 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052181.D

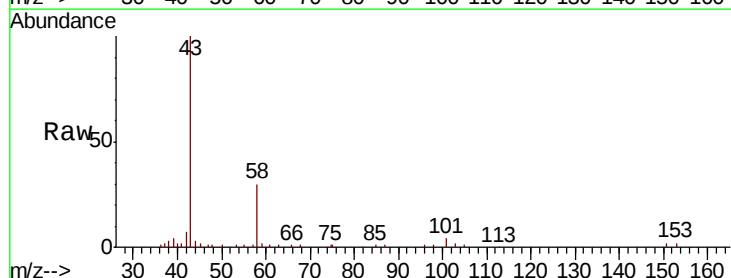
Acq: 6 Nov 2018 10:21

Tgt Ion: 43 Resp: 93360

Ion Ratio Lower Upper

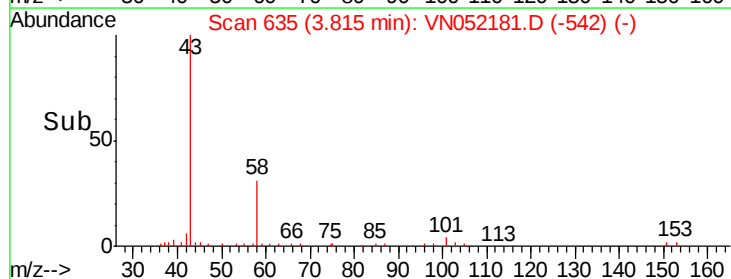
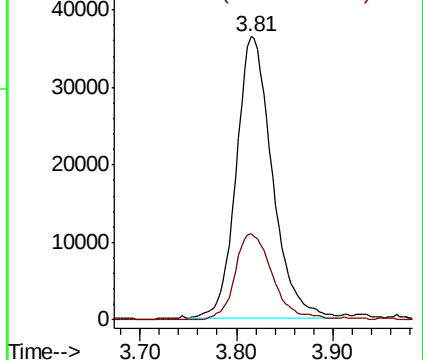
43 100

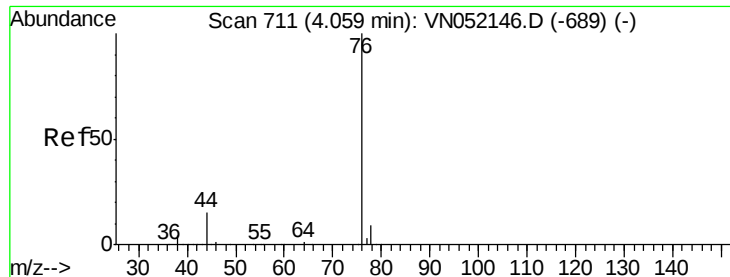
58 30.6 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

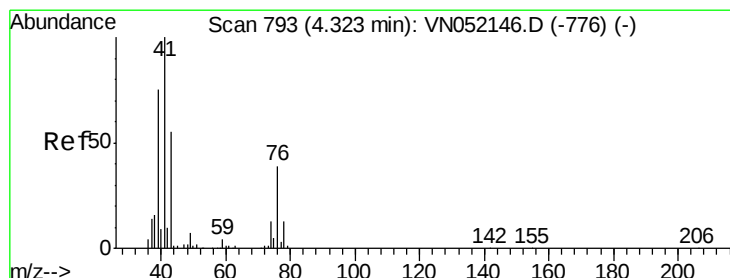
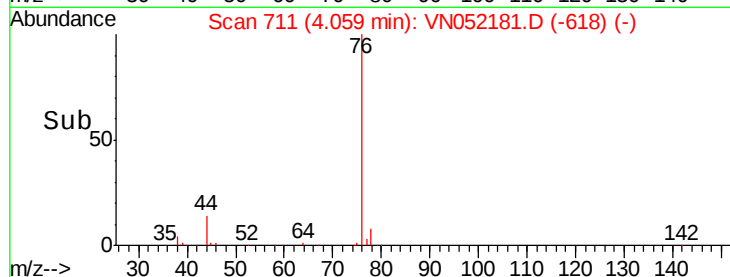
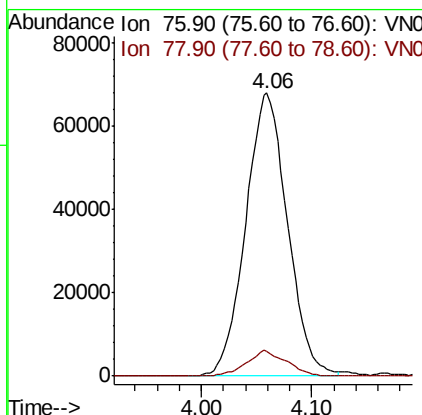
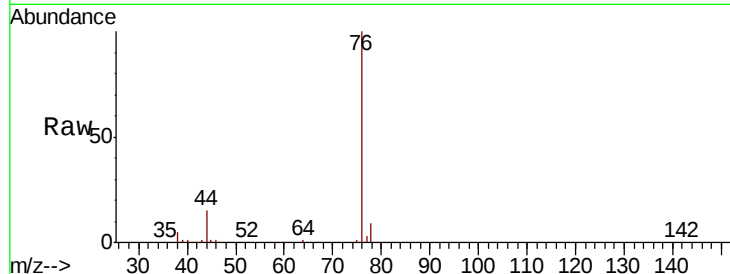




#17
Carbon Disulfide
Concen: 18.920 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

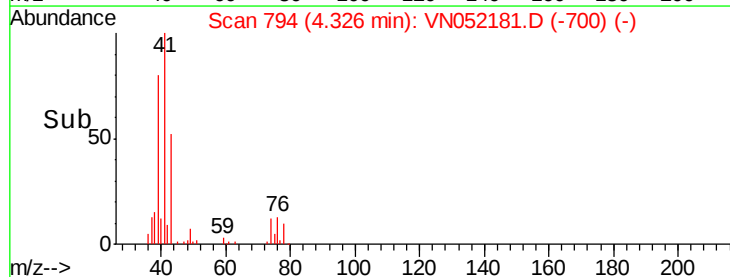
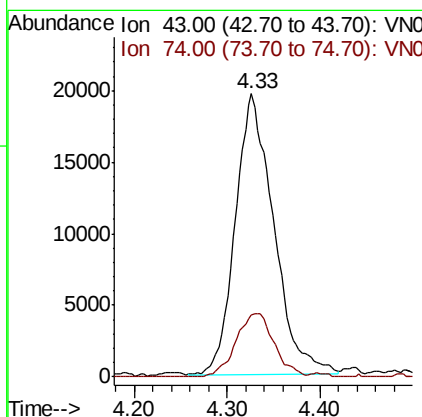
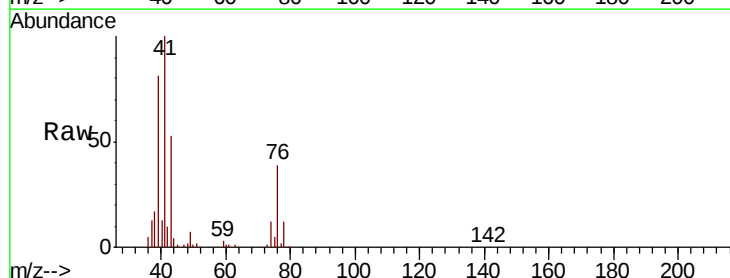
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

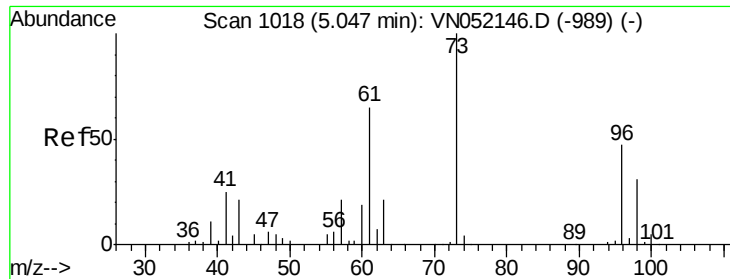
Tgt Ion: 76 Resp: 178226
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 19.059 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion: 43 Resp: 56783
Ion Ratio Lower Upper
43 100
74 22.3 17.9 26.9

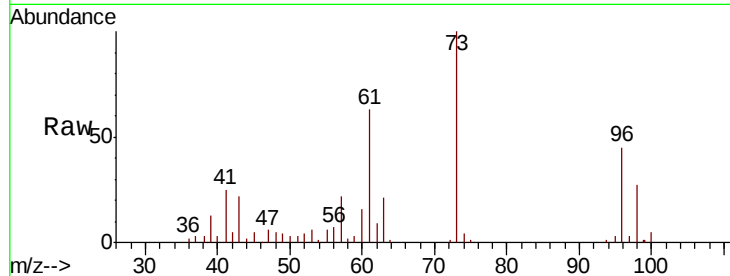




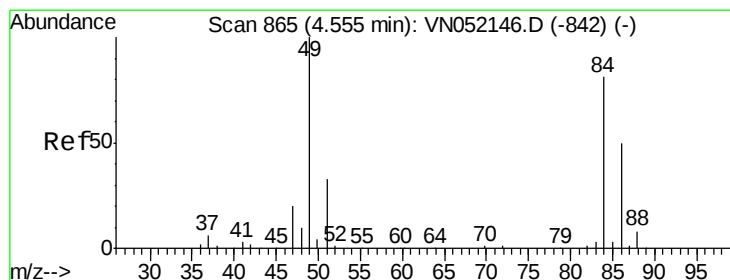
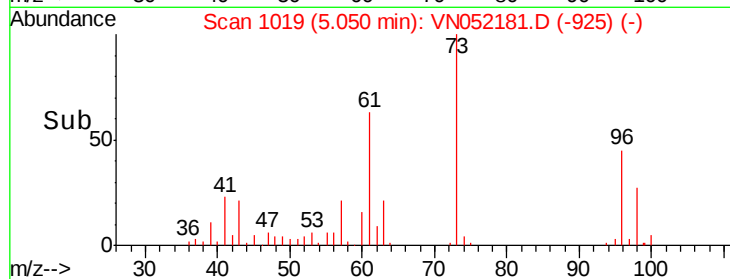
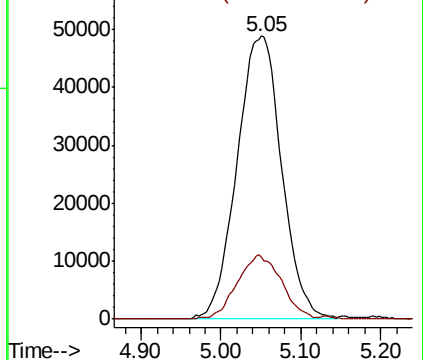
#19
Methyl tert-butyl Ether
Concen: 20.432 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Instrument :
MSVOA_N
ClientSampled :
VN1106WBS02

Tgt Ion: 73 Resp: 185801
Ion Ratio Lower Upper
73 100
57 21.5 18.7 28.1

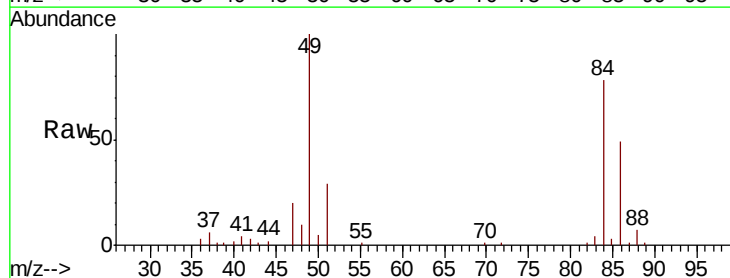


Abundance Ion 73.00 (72.70 to 73.70): VN052146.D (-989) (-)
Ion 57.00 (56.70 to 57.70): VN052146.D (-989) (-)

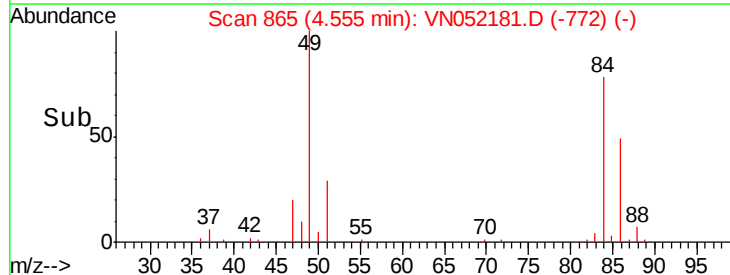
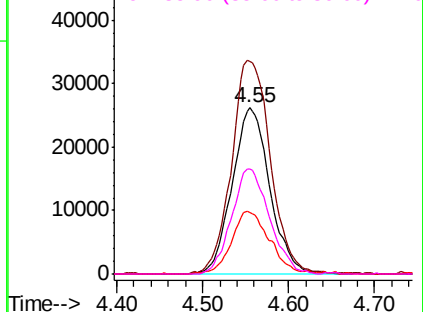


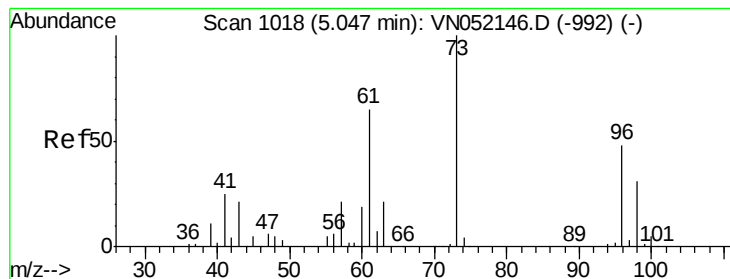
#20
Methylene Chloride
Concen: 19.884 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion: 84 Resp: 79536
Ion Ratio Lower Upper
84 100
49 128.3 110.6 165.8
51 36.9 33.7 50.5
86 63.3 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VN052146.D (-842) (-)
Ion 48.90 (48.60 to 49.60): VN052146.D (-842) (-)
Ion 50.90 (50.60 to 51.60): VN052146.D (-842) (-)
Ion 85.90 (85.60 to 86.60): VN052146.D (-842) (-)





#21

trans-1,2-Dichloroethene

Concen: 20.645 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

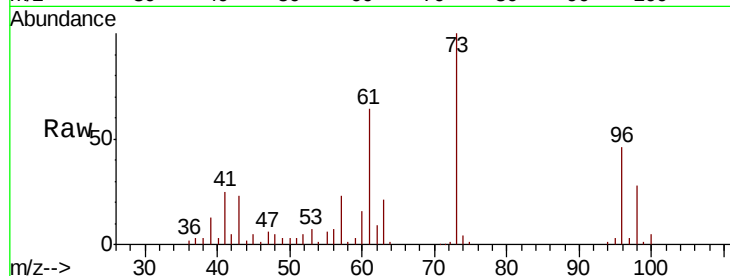
Tgt Ion: 96 Resp: 70874

Ion Ratio Lower Upper

96 100

61 139.9 118.6 178.0

98 62.1 49.7 74.5

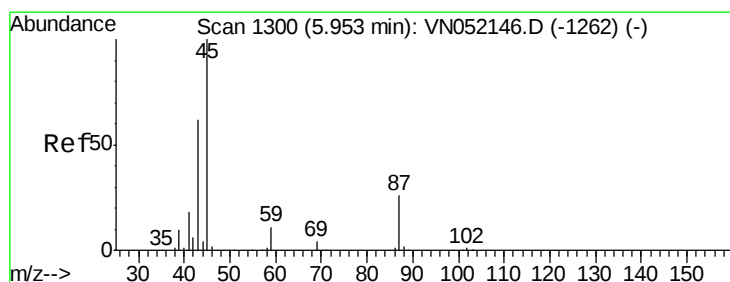
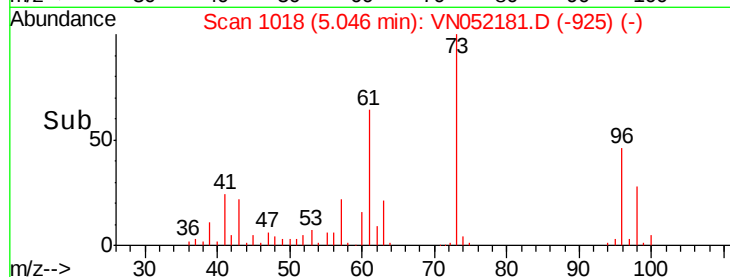
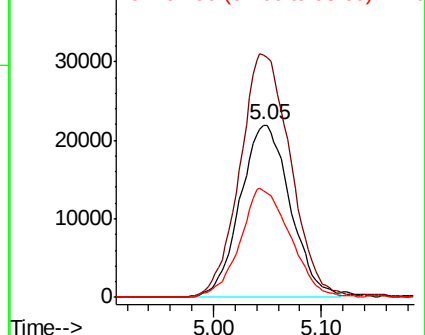


Abundance

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: 20.212 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Tgt Ion: 45 Resp: 245505

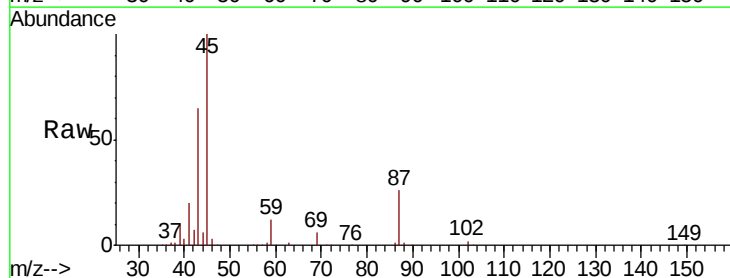
Ion Ratio Lower Upper

45 100

43 63.6 50.5 75.7

87 26.4 21.5 32.3

59 11.3 8.6 13.0



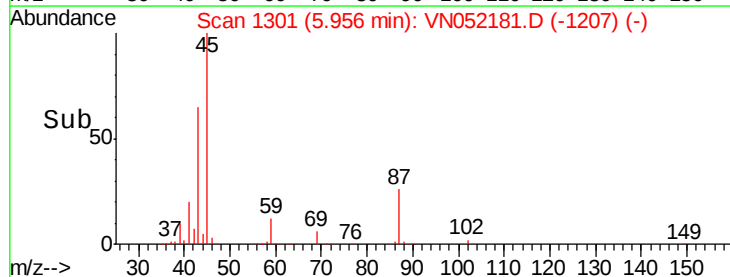
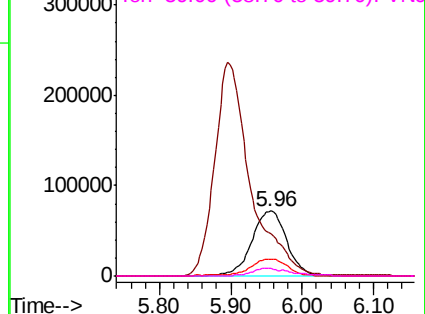
Abundance

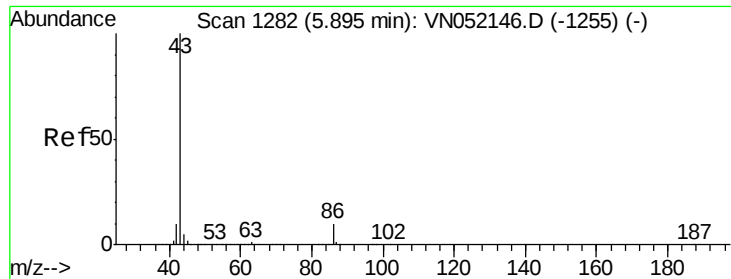
Ion 45.00 (44.70 to 45.70): VN0

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: 103.574 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

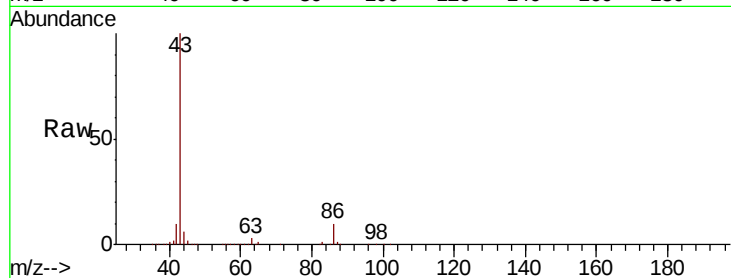
VN1106WBS02

Tgt Ion: 43 Resp: 827462

Ion Ratio Lower Upper

43 100

86 9.8 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN052146.D (-1255) (-)

Ion 86.00 (85.70 to 86.70): VN052146.D (-1255) (-)

5.90

250000

200000

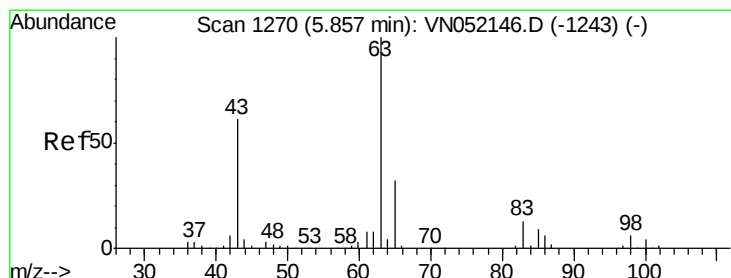
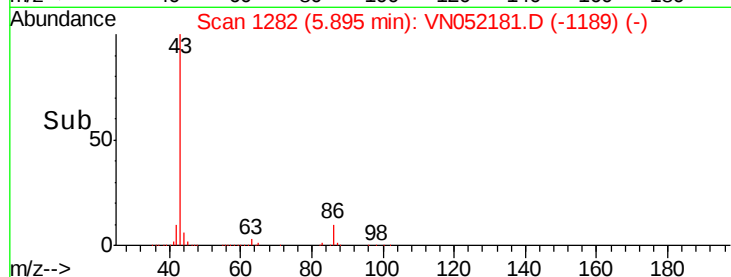
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 21.106 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

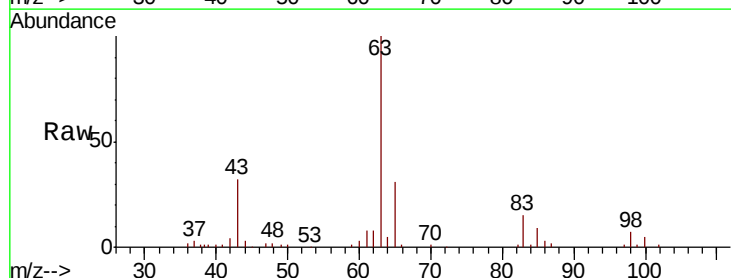
Tgt Ion: 63 Resp: 145021

Ion Ratio Lower Upper

63 100

98 6.9 2.8 8.4

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN052146.D (-1243) (-)

Ion 97.90 (97.60 to 98.60): VN052146.D (-1243) (-)

Ion 99.90 (99.60 to 100.60): VN052146.D (-1243) (-)

5.85

60000

50000

40000

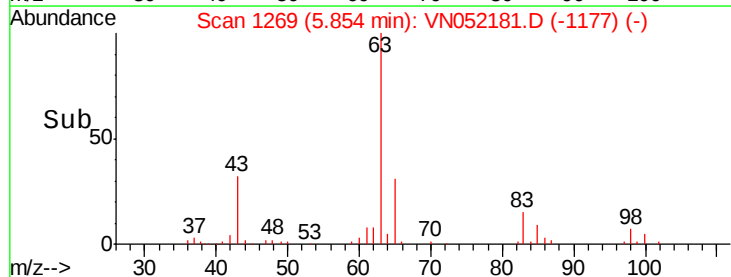
30000

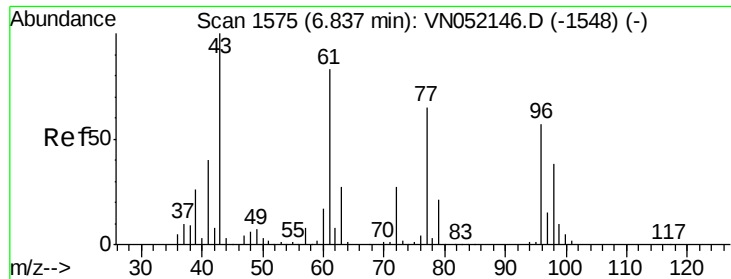
20000

10000

0

Time--> 5.70 5.80 5.90 6.00

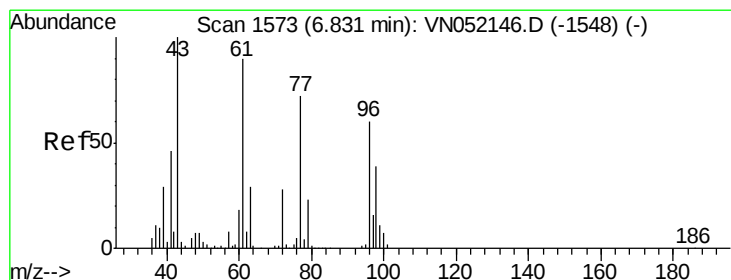
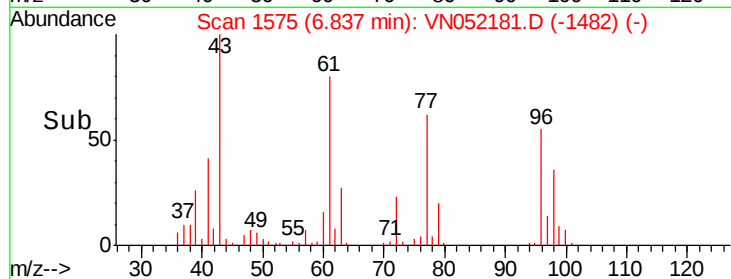
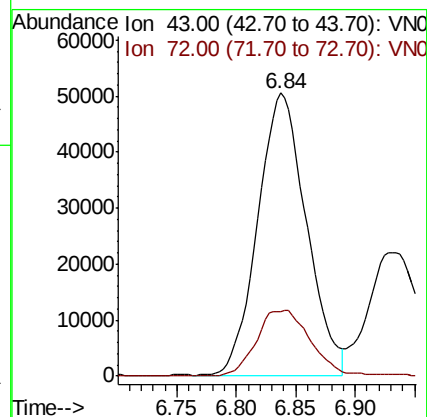
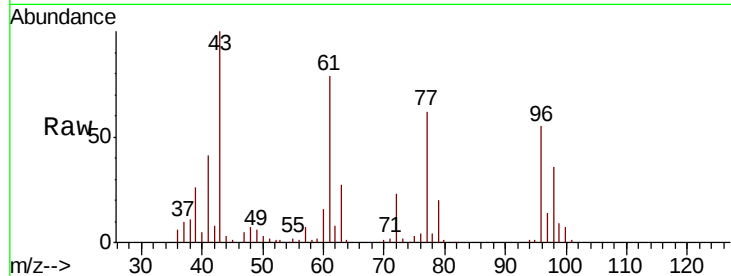




#25
2-Butanone
Concen: 95.354 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

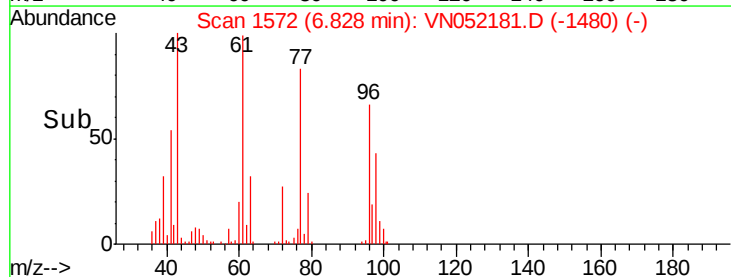
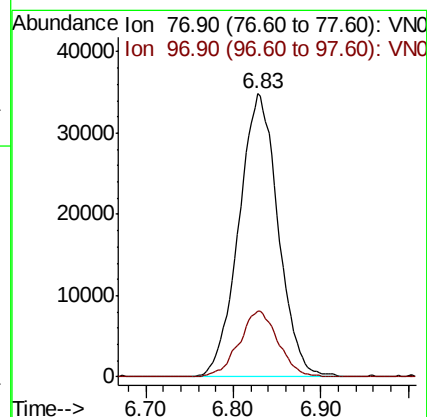
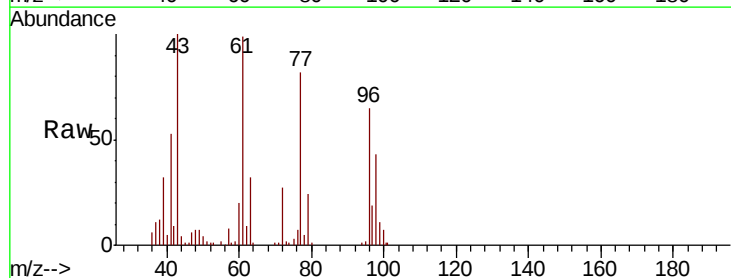
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

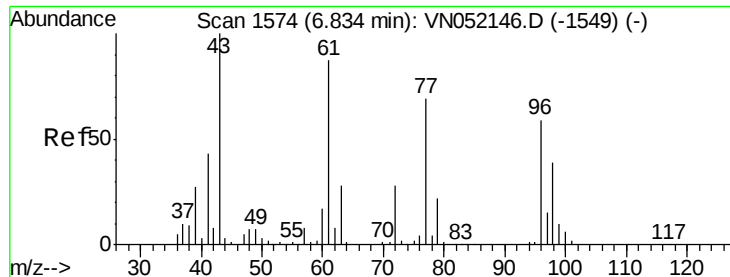
Tgt Ion: 43 Resp: 142343
Ion Ratio Lower Upper
43 100
72 23.0 20.2 30.2



#26
2,2-Dichloropropane
Concen: 20.252 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion: 77 Resp: 108837
Ion Ratio Lower Upper
77 100
97 23.1 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 20.247 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

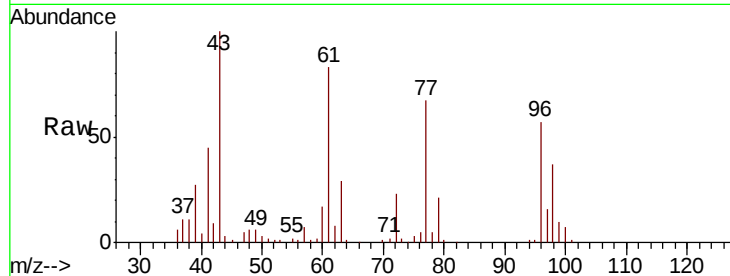
Tgt Ion: 96 Resp: 84319

Ion Ratio Lower Upper

96 100

61 145.1 0.0 312.8

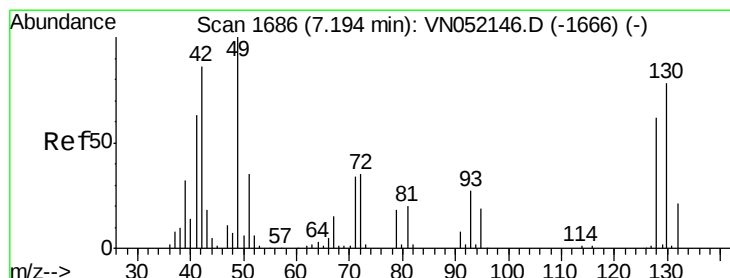
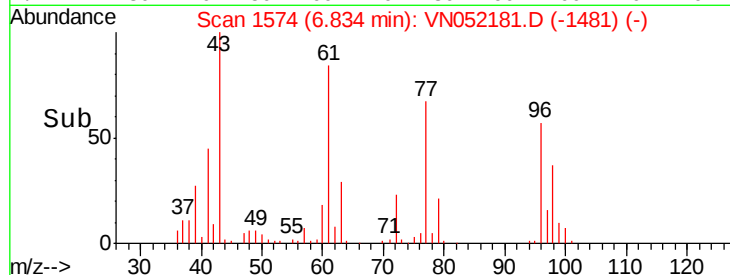
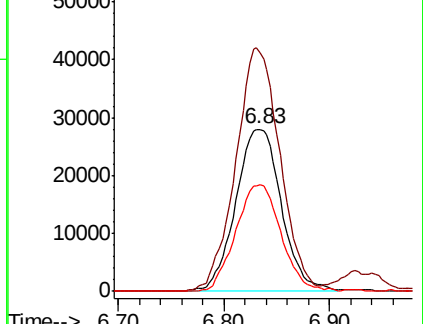
98 64.9 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN052181.D (-1481) (-)

Ion 60.90 (60.60 to 61.60): VN052181.D (-1481) (-)

Ion 97.90 (97.60 to 98.60): VN052181.D (-1481) (-)



#28

Bromochloromethane

Concen: 21.760 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

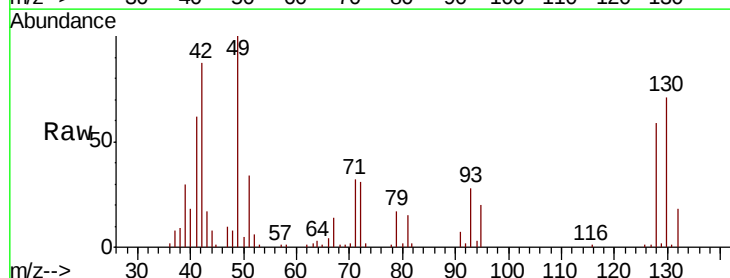
Tgt Ion: 49 Resp: 70783

Ion Ratio Lower Upper

49 100

129 1.8 0.0 2.4

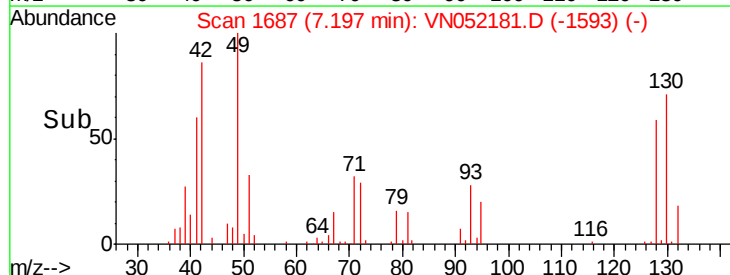
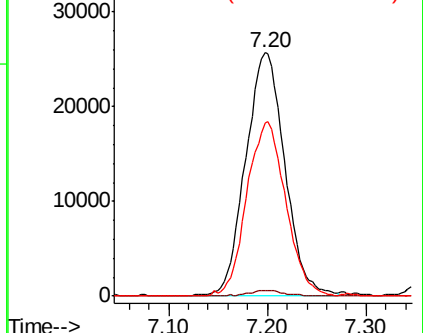
130 71.0 50.8 76.2

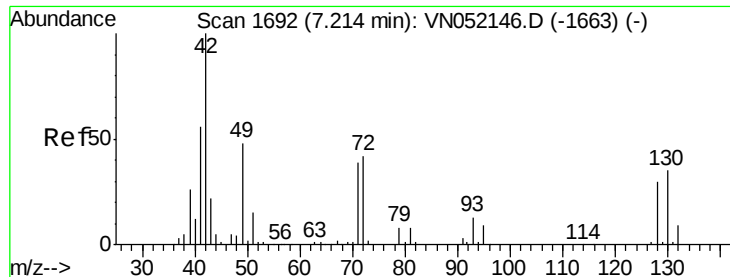


Abundance Ion 48.90 (48.60 to 49.60): VN052181.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN052181.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN052181.D (-1593) (-)

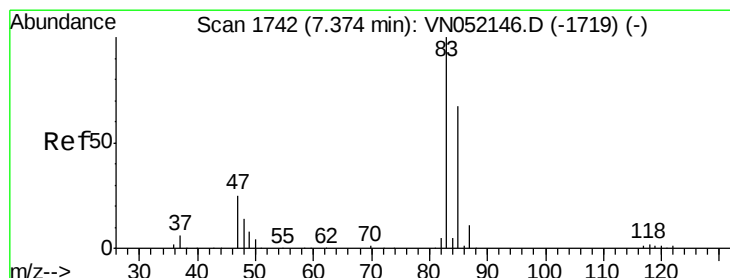
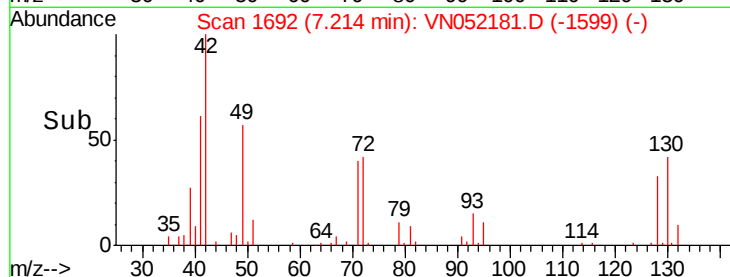
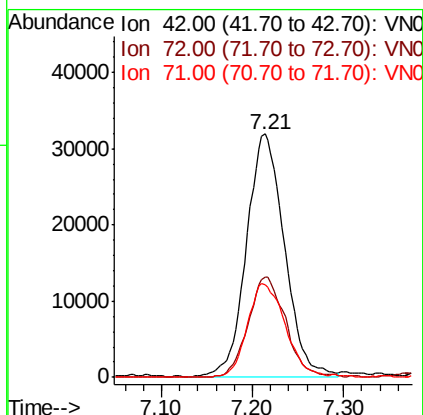
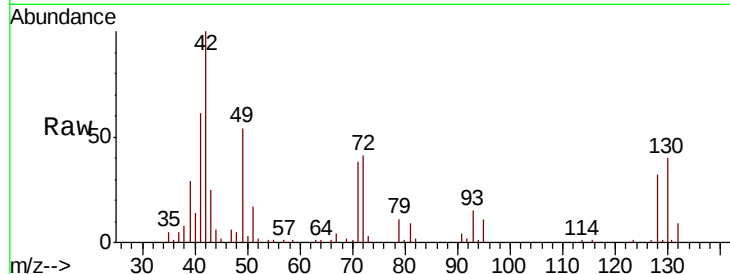




#29
Tetrahydrofuran
Concen: 100.734 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

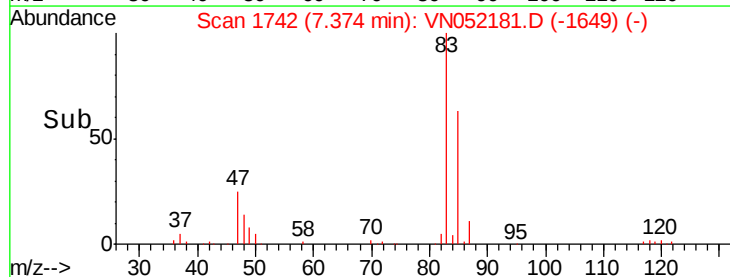
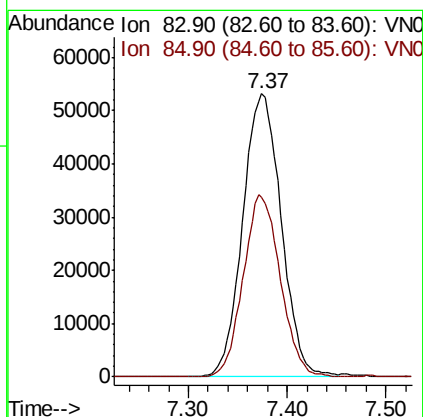
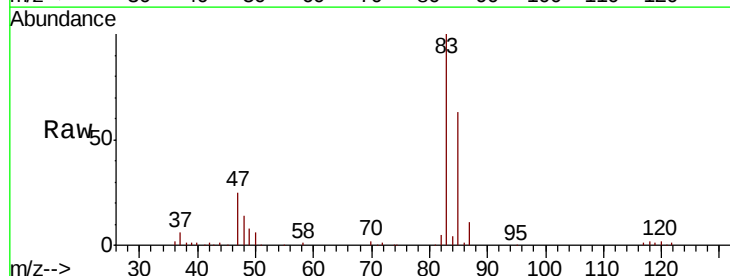
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

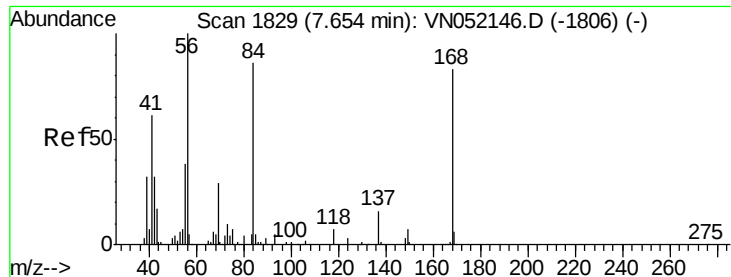
Tgt Ion: 42 Resp: 93041
Ion Ratio Lower Upper
42 100
72 40.2 32.5 48.7
71 38.6 30.6 46.0



#30
Chloroform
Concen: 21.006 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion: 83 Resp: 143736
Ion Ratio Lower Upper
83 100
85 63.4 49.6 74.4

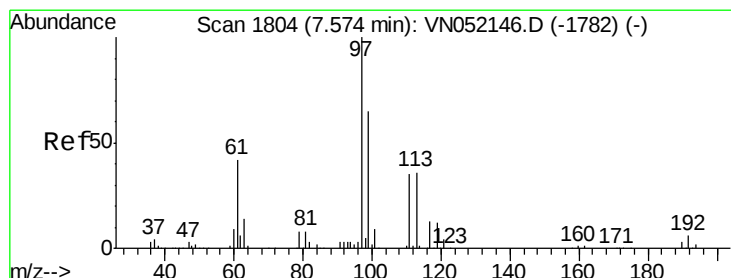
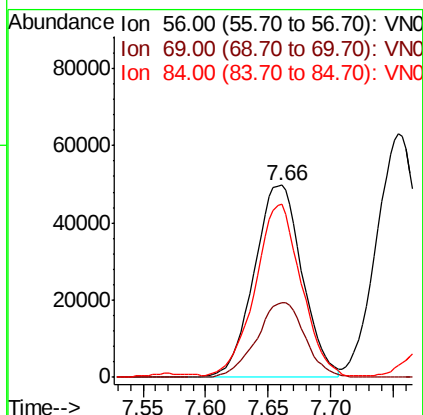
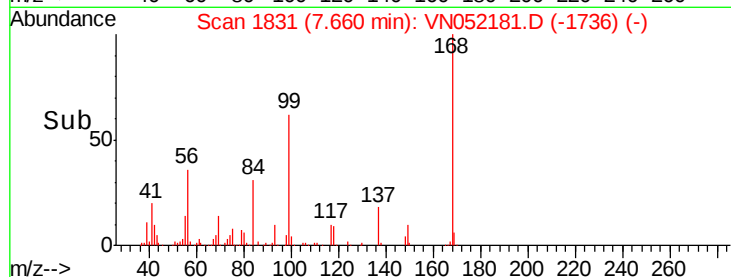
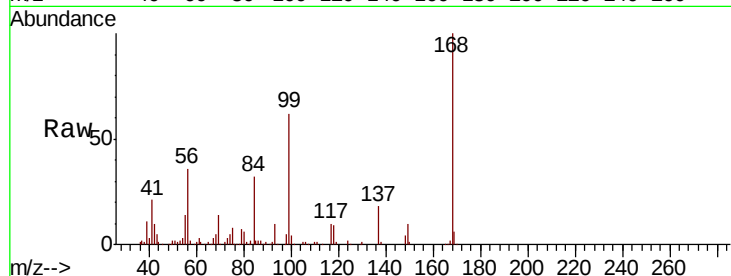




#31
Cyclohexane
Concen: 19.743 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

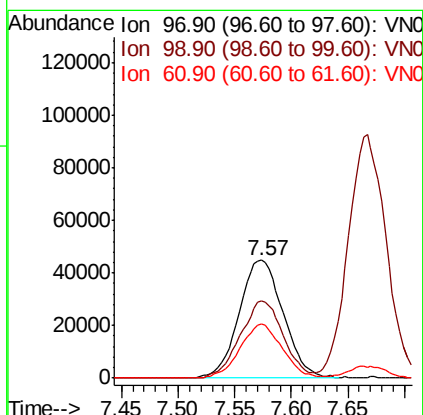
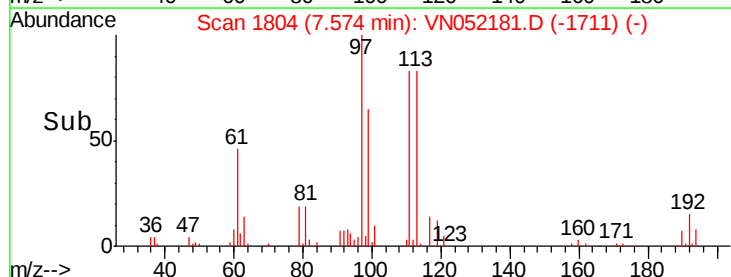
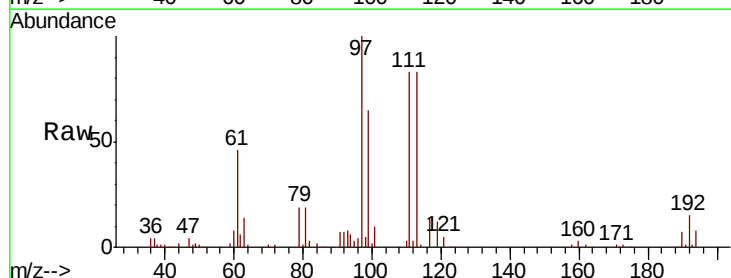
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

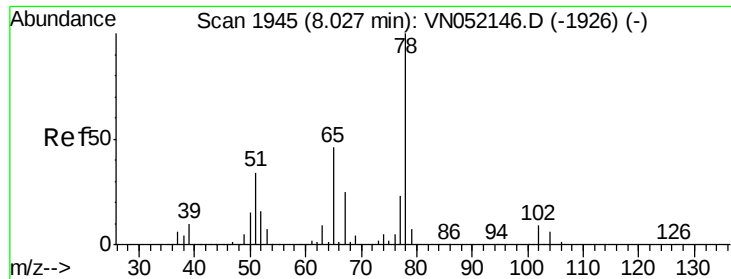
Tgt Ion: 56 Resp: 132783
Ion Ratio Lower Upper
56 100
69 38.4 25.8 38.6
84 88.6 63.5 95.3



#32
1,1,1-Trichloroethane
Concen: 20.050 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion: 97 Resp: 121696
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.2
61 43.7 40.3 60.5

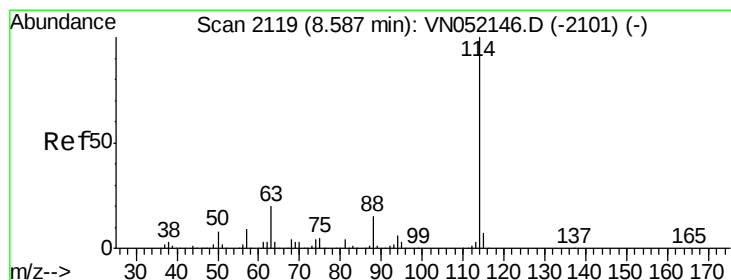
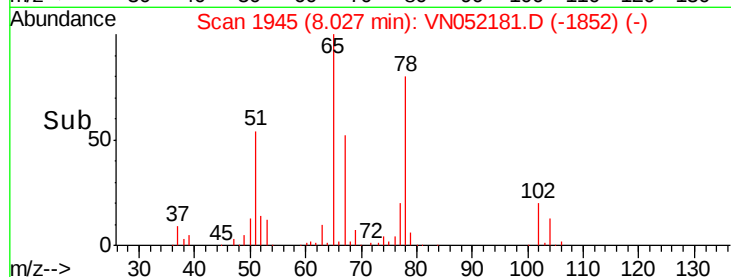
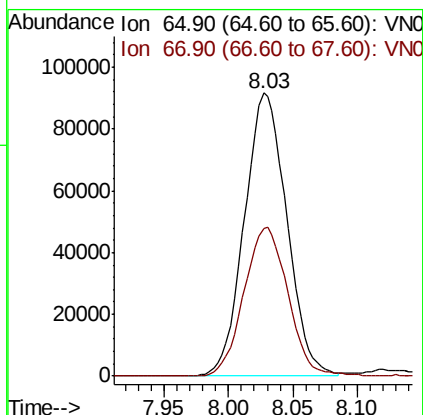
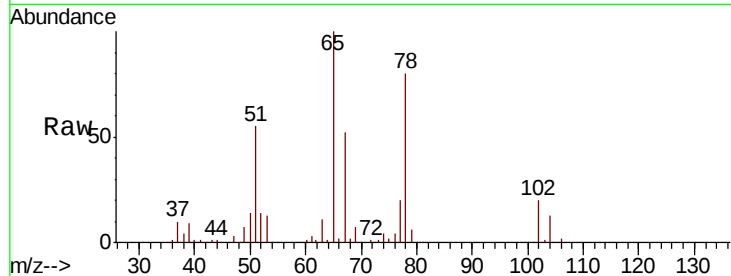




#33
 1,2-Dichloroethane-d4
 Concen: 20.050 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

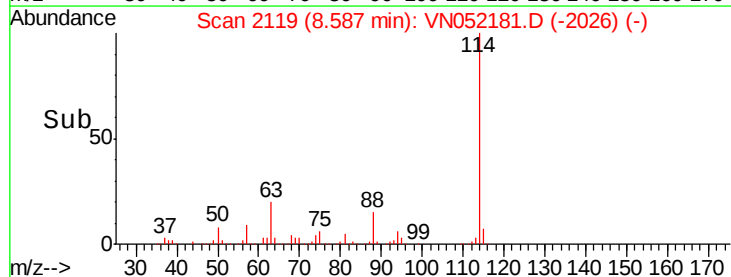
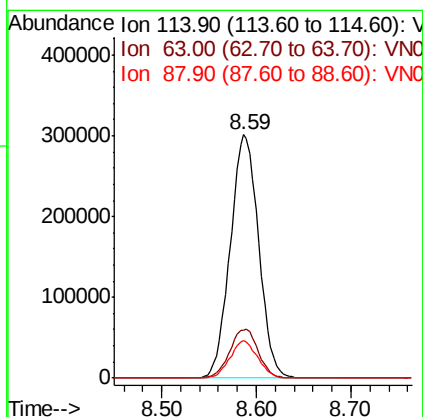
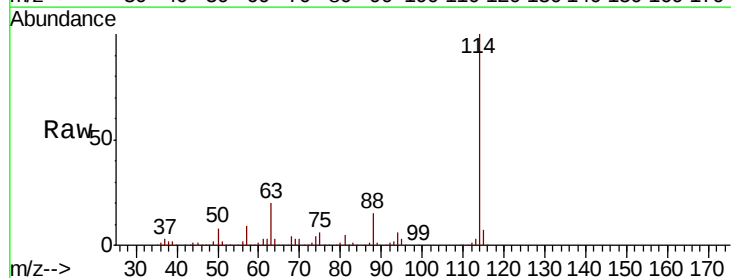
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

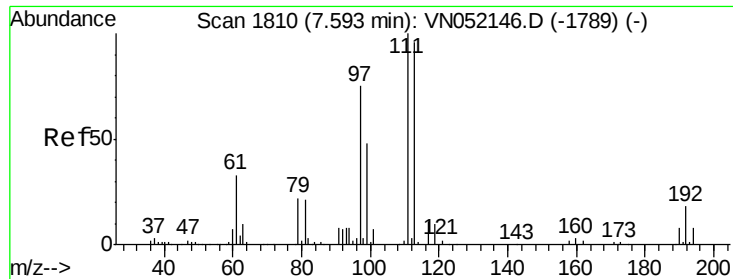
Tgt Ion: 65 Resp: 210553
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Tgt Ion: 114 Resp: 627370
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 46.0
 88 15.5 0.0 35.4

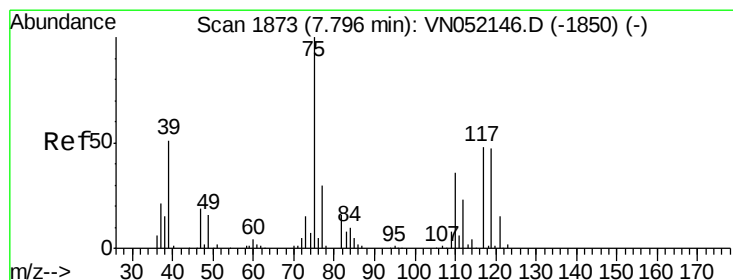
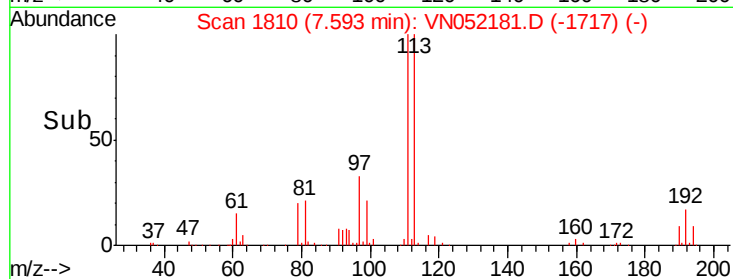
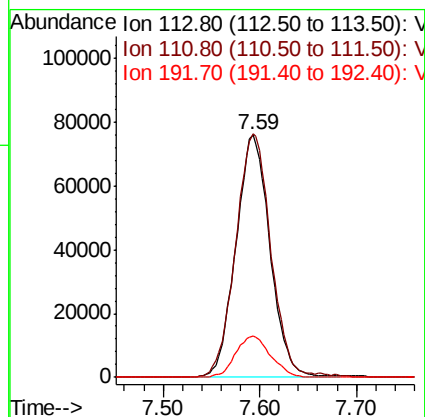
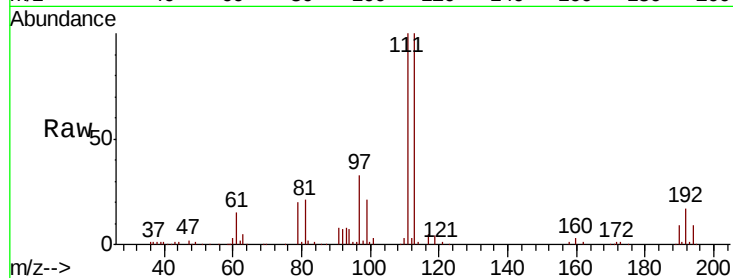




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

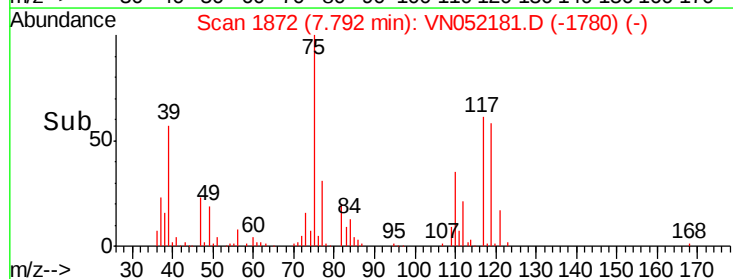
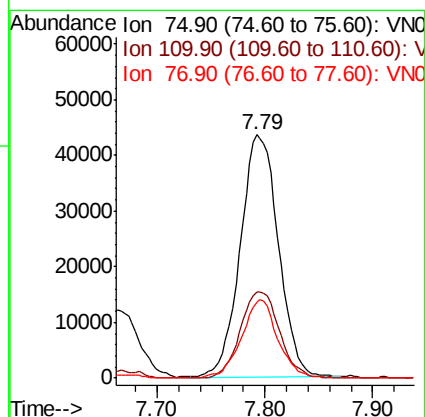
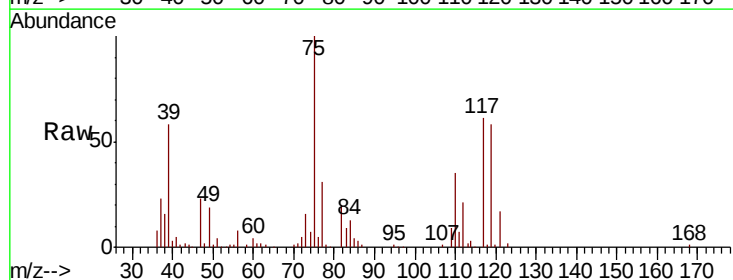
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

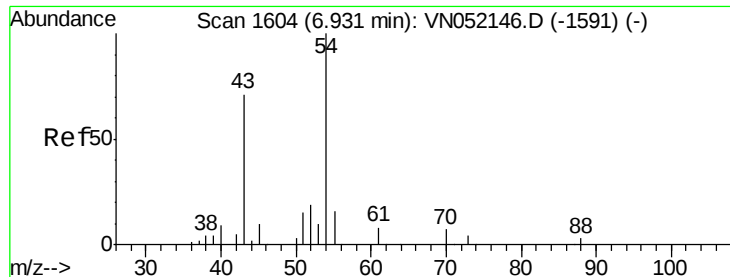
Tgt Ion: 113 Resp: 186593
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.1 124.7
 192 17.5 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 19.346 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Tgt Ion: 75 Resp: 107367
 Ion Ratio Lower Upper
 75 100
 110 36.4 16.0 48.0
 77 30.6 24.5 36.7

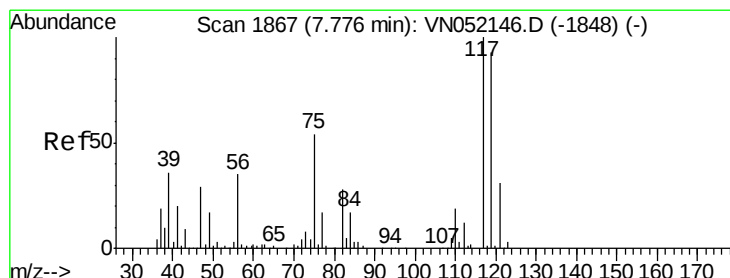
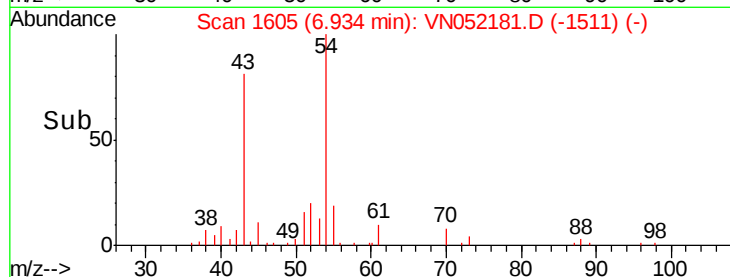
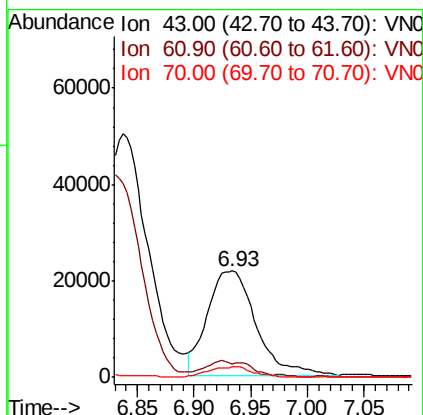
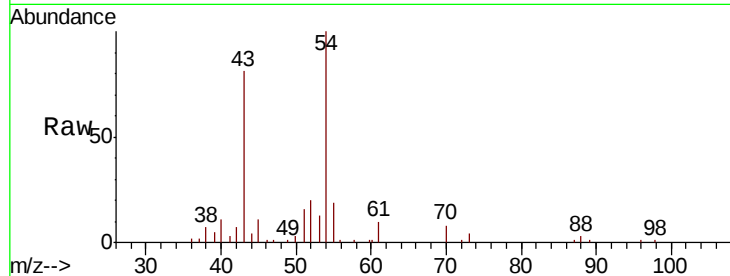




#37
Ethyl Acetate
Concen: 18.629 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

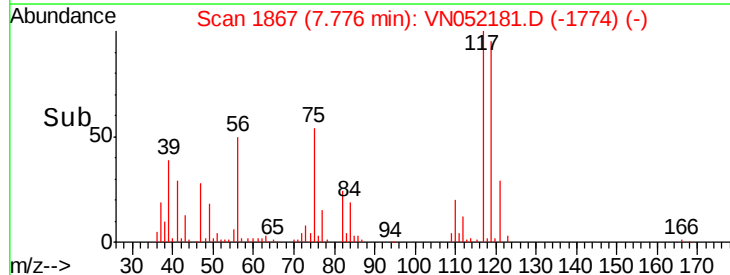
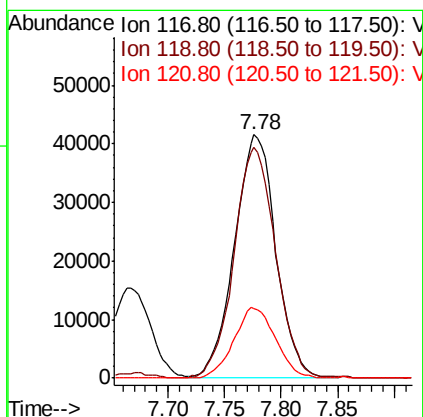
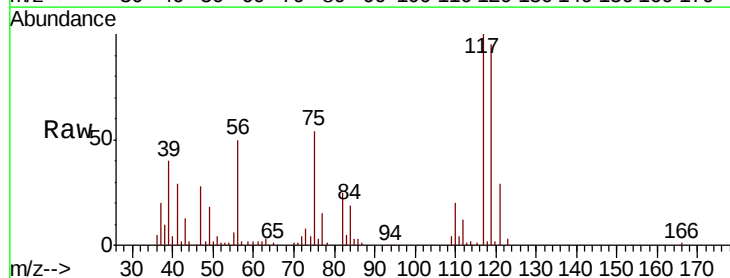
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

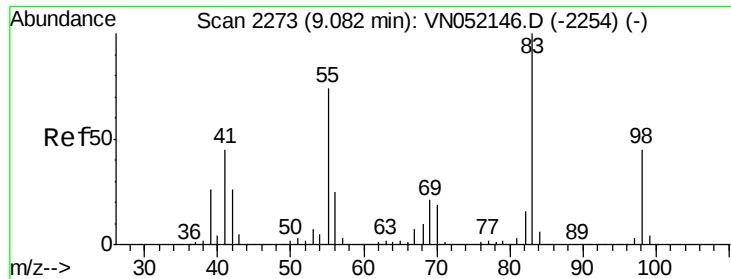
Tgt Ion: 43 Resp: 65102
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 9.1 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.892 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion: 117 Resp: 104752
Ion Ratio Lower Upper
117 100
119 94.6 74.8 112.2
121 28.8 25.1 37.7

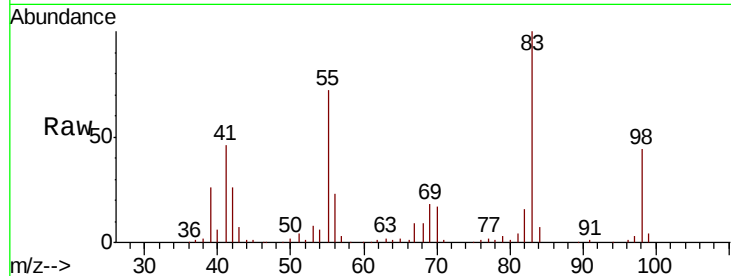




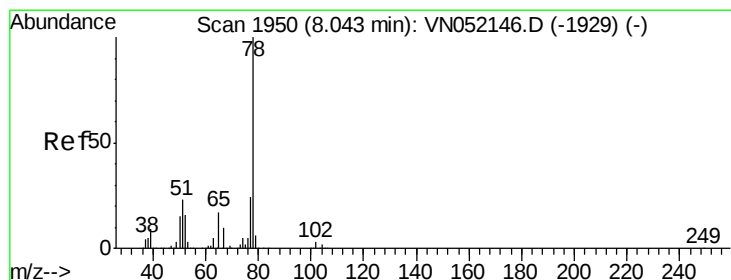
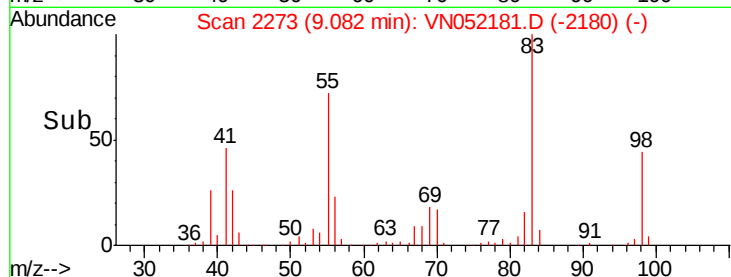
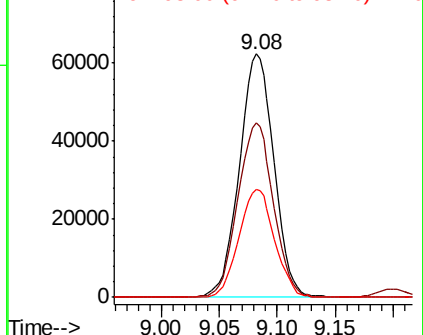
#39
Methylcyclohexane
Concen: 19.721 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 83 Resp: 129623
Ion Ratio Lower Upper
83 100
55 71.7 62.0 93.0
98 44.2 34.7 52.1

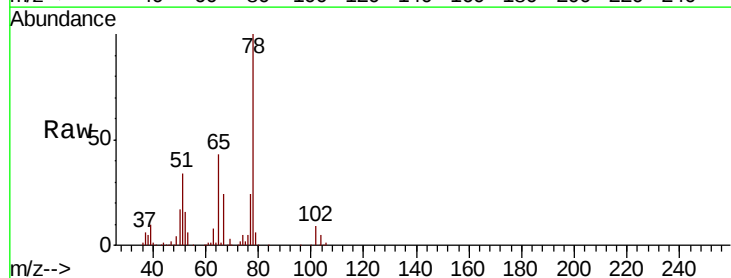


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

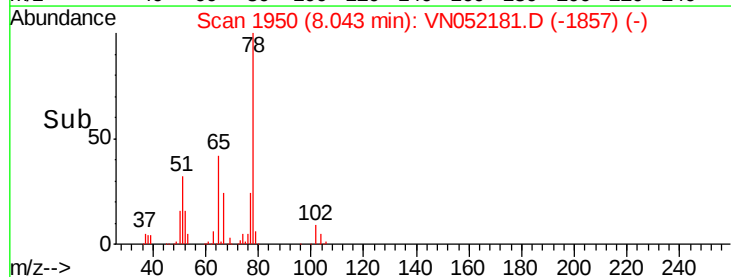
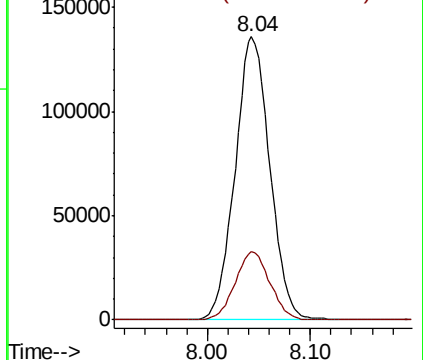


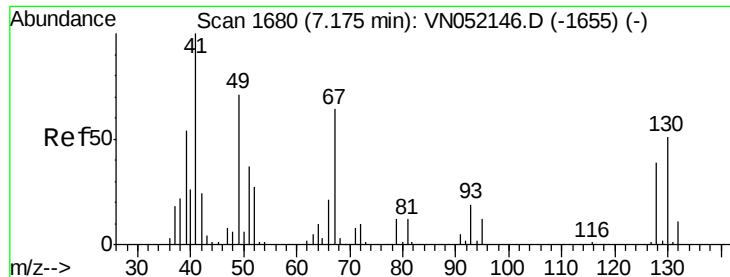
#40
Benzene
Concen: 19.495 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion: 78 Resp: 318055
Ion Ratio Lower Upper
78 100
77 24.0 19.8 29.6



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 17.446 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

Tgt Ion: 41 Resp: 31339

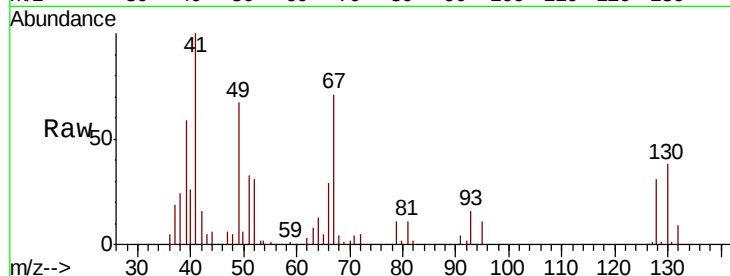
Ion Ratio Lower Upper

41 100

39 75.5 33.2 49.8#

67 95.2 63.5 95.3

52 37.9 25.6 38.4

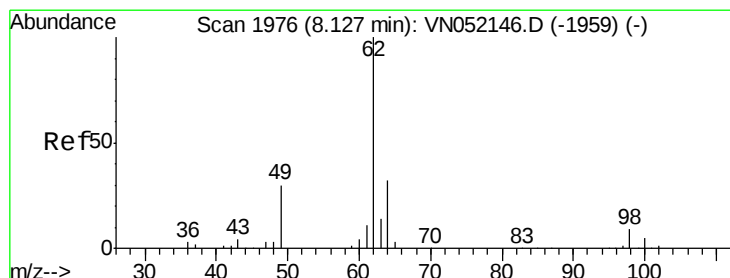
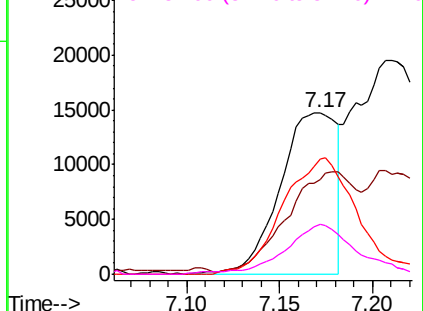
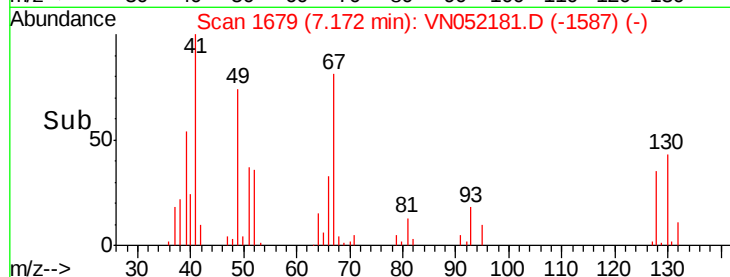


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 19.509 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN052181.D

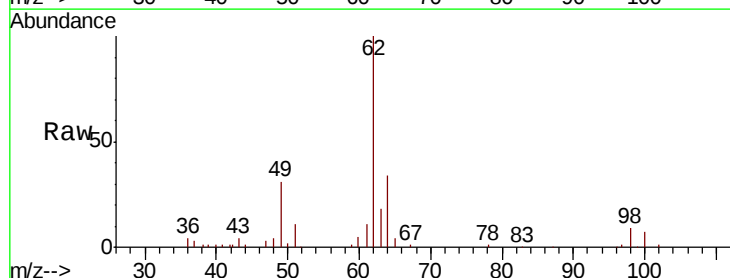
Acq: 6 Nov 2018 10:21

Tgt Ion: 62 Resp: 102320

Ion Ratio Lower Upper

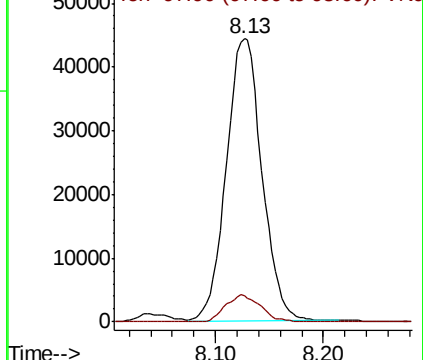
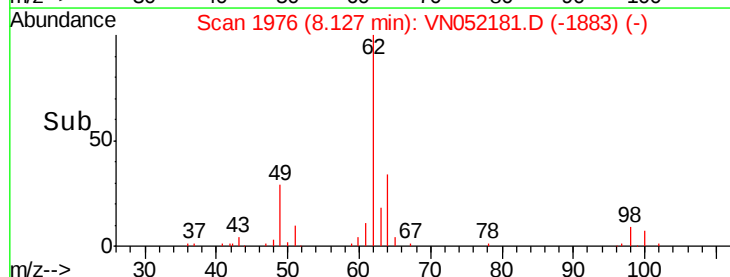
62 100

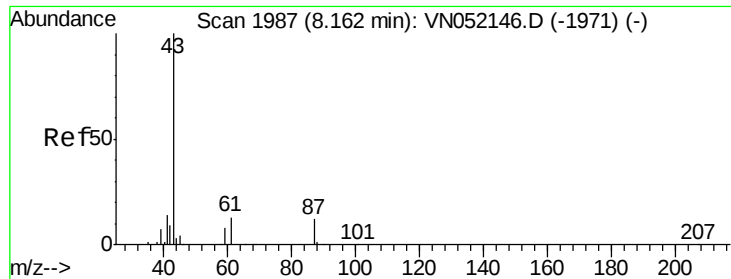
98 9.4 0.0 15.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

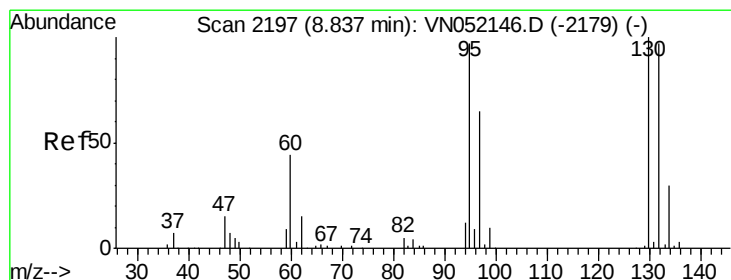
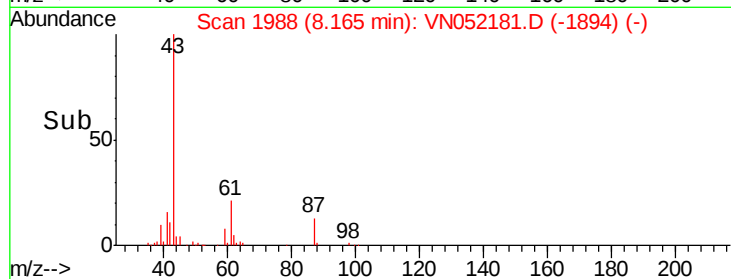
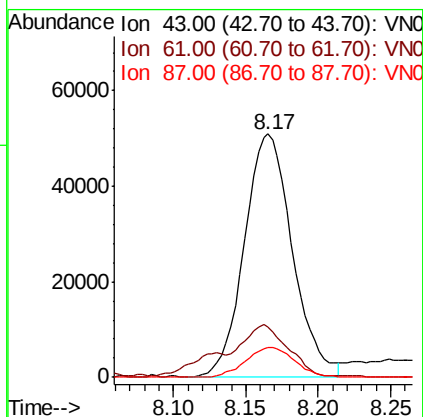
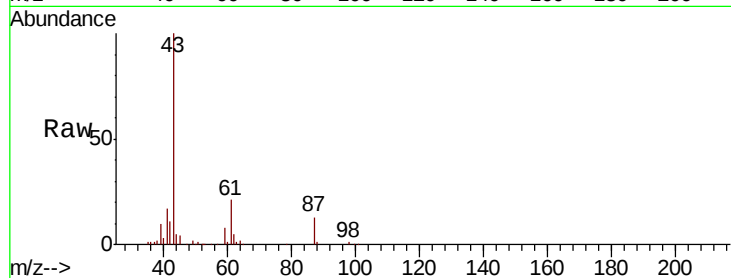




#43
Isopropyl Acetate
Concen: 18.577 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

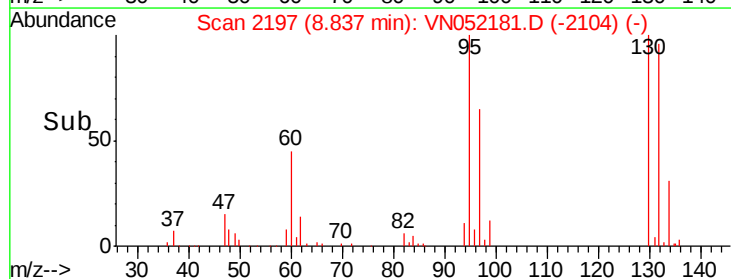
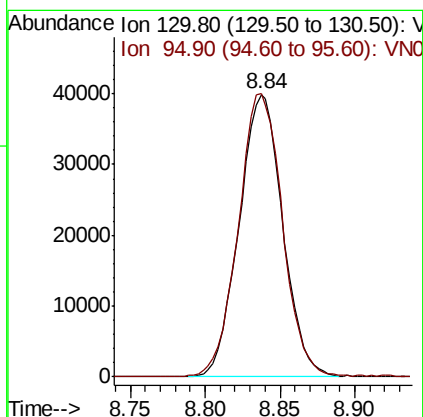
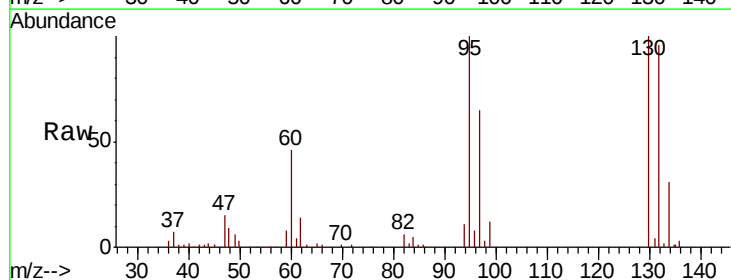
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

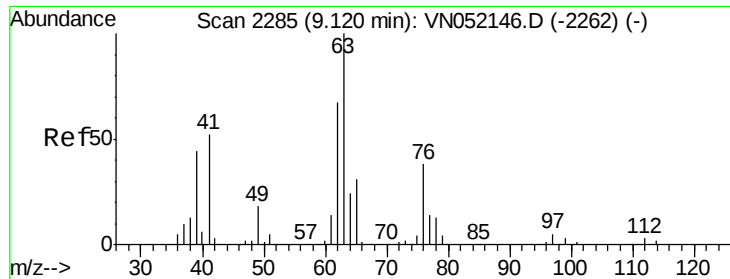
Tgt Ion: 43 Resp: 117639
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 12.5 9.8 14.8



#44
Trichloroethene
Concen: 18.686 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion: 130 Resp: 80716
Ion Ratio Lower Upper
130 100
95 99.8 0.0 228.4

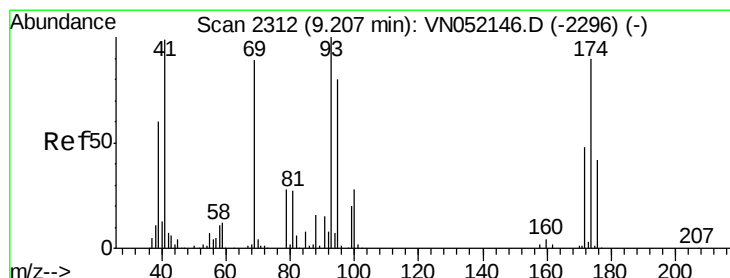
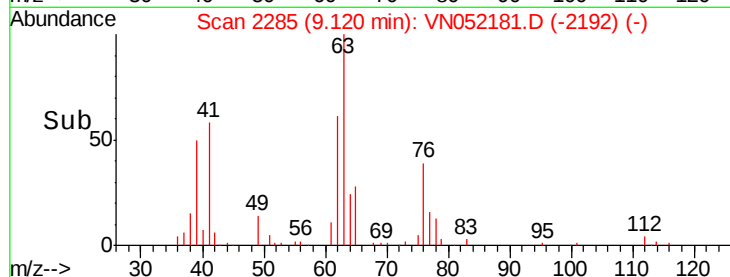
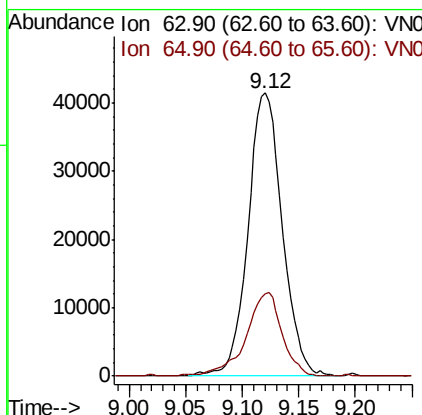
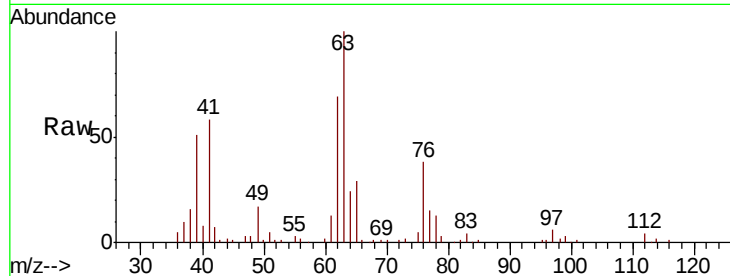




#45
 1,2-Dichloropropane
 Concen: 20.234 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

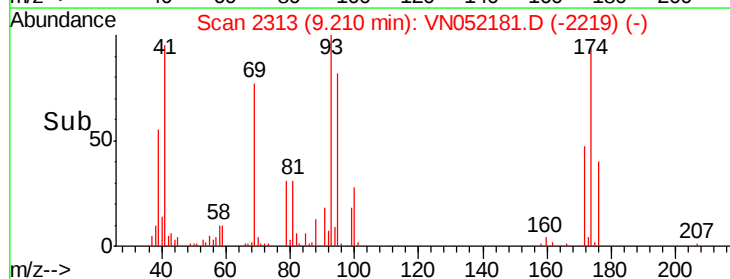
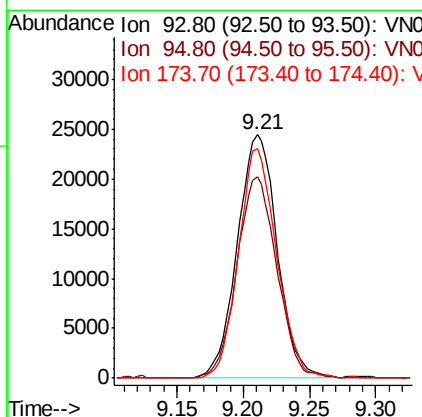
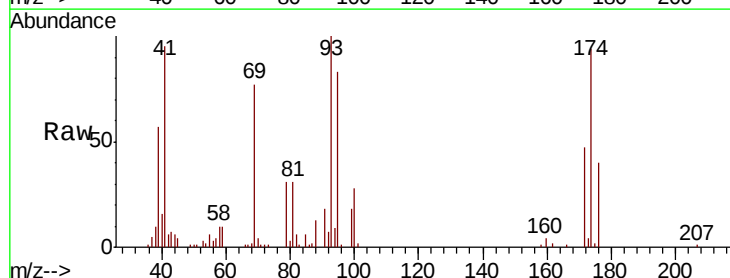
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

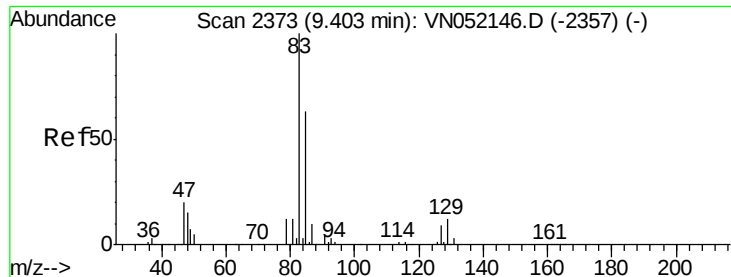
Tgt Ion: 63 Resp: 87428
 Ion Ratio Lower Upper
 63 100
 65 28.9 24.5 36.7



#46
 Dibromomethane
 Concen: 18.629 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Tgt Ion: 93 Resp: 51189
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.2 100.8
 174 90.2 59.7 89.5#

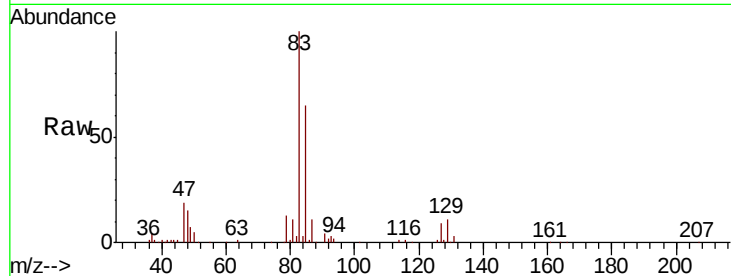




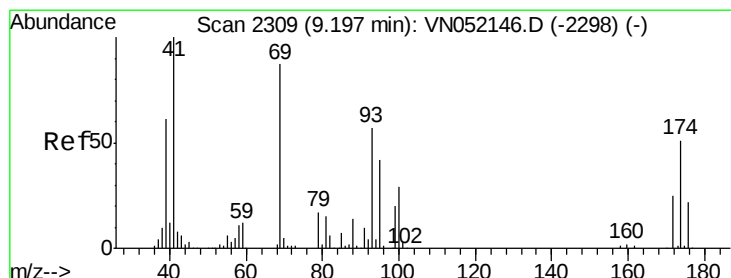
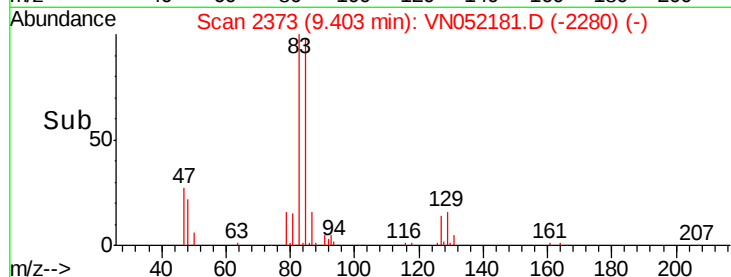
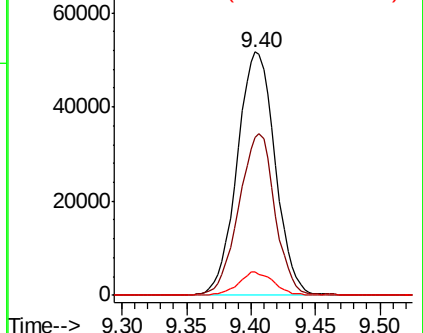
#47
Bromodichloromethane
Concen: 19.785 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 83 Resp: 106029
Ion Ratio Lower Upper
83 100
85 64.8 49.4 74.2
127 9.5 5.8 8.8#

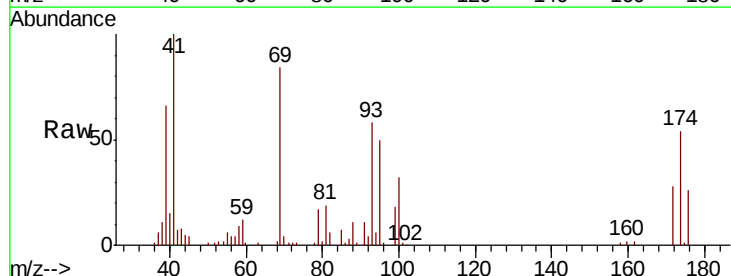


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

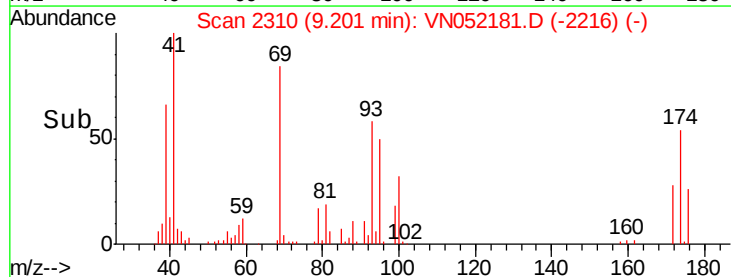
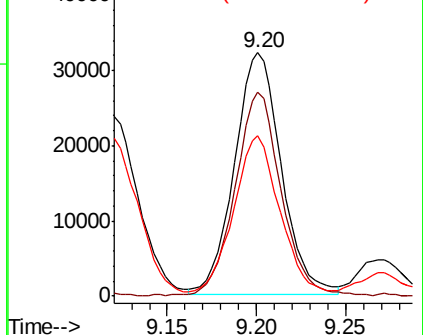


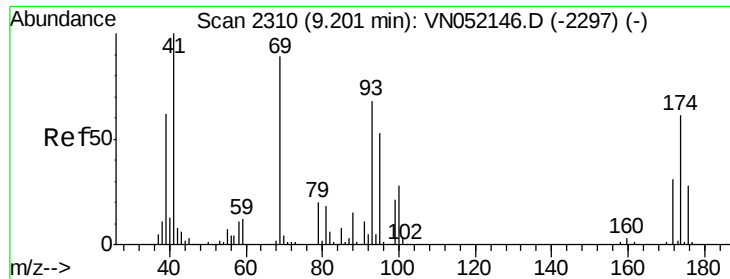
#48
Methyl methacrylate
Concen: 19.479 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion: 41 Resp: 59369
Ion Ratio Lower Upper
41 100
69 82.7 67.1 100.7
39 64.1 50.5 75.7



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

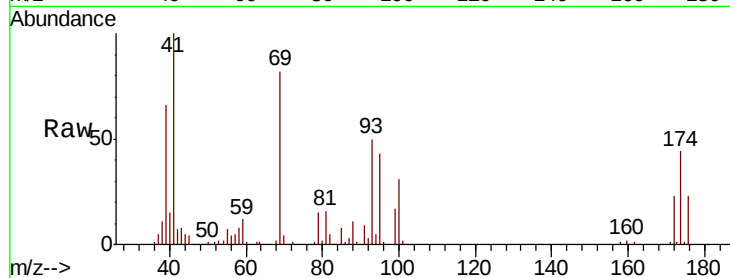




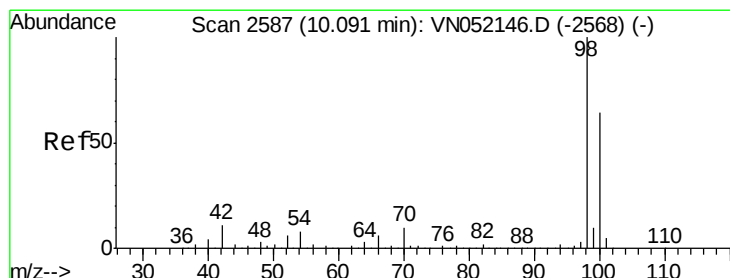
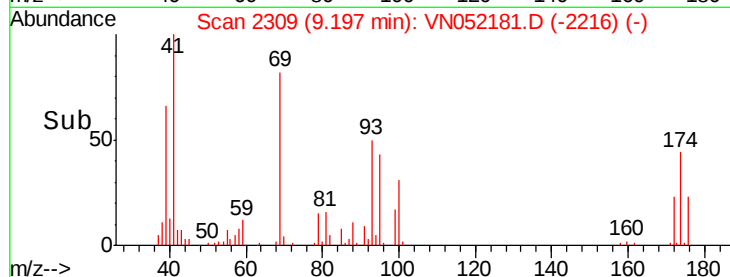
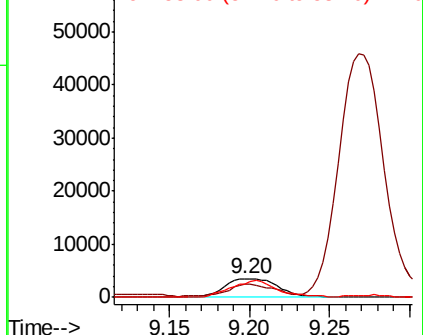
#49
1,4-Dioxane
Concen: 305.480 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

Tgt Ion: 88 Resp: 8220
Ion Ratio Lower Upper
88 100
43 47.9 34.1 51.1
58 76.8 62.8 94.2

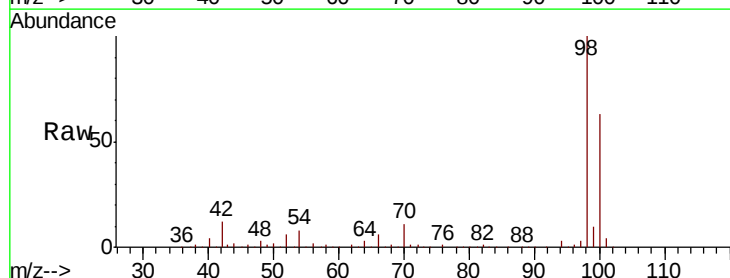


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

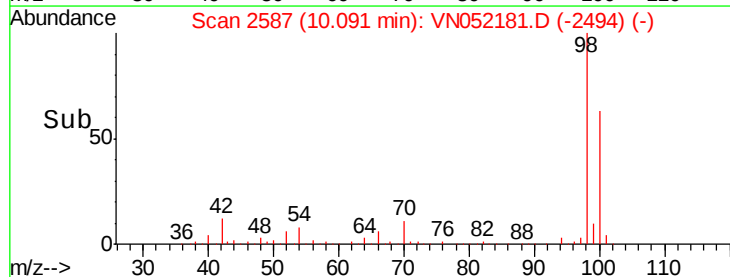
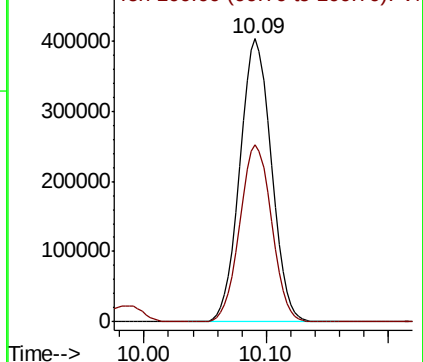


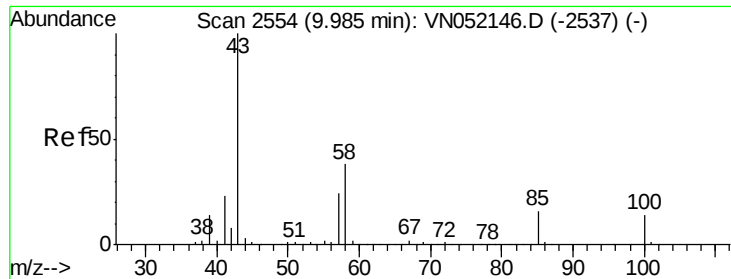
#50
Toluene-d8
Concen: 305.480 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion: 98 Resp: 717420
Ion Ratio Lower Upper
98 100
100 63.0 51.4 77.2



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





#51

4-Methyl-2-Pentanone

Concen: 95.914 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

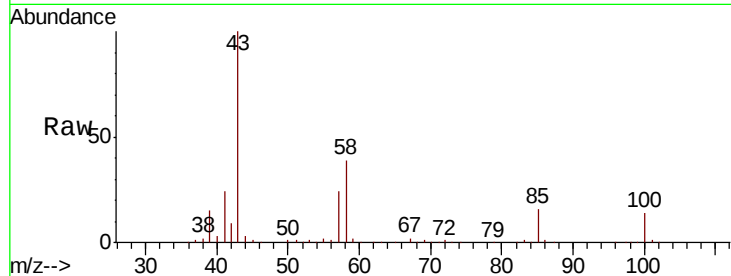
VN1106WBS02

Tgt Ion: 43 Resp: 320876

Ion Ratio Lower Upper

43 100

58 36.9 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

200000

150000

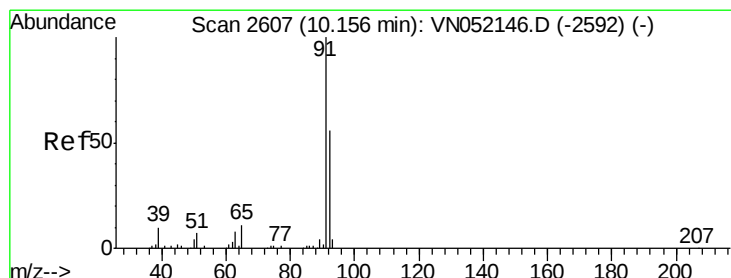
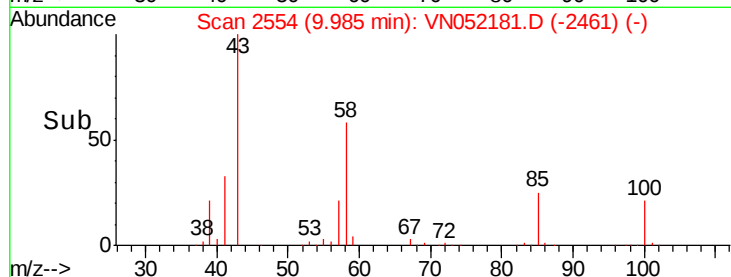
100000

50000

0

9.90 9.95 10.00 10.05

Time-->



#52

Toluene

Concen: 19.964 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052181.D

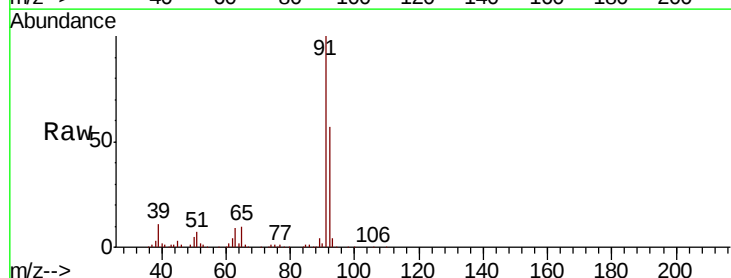
Acq: 6 Nov 2018 10:21

Tgt Ion: 92 Resp: 196408

Ion Ratio Lower Upper

92 100

91 177.4 143.9 215.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

200000

150000

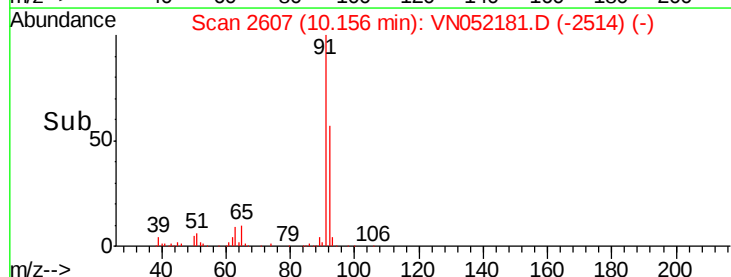
100000

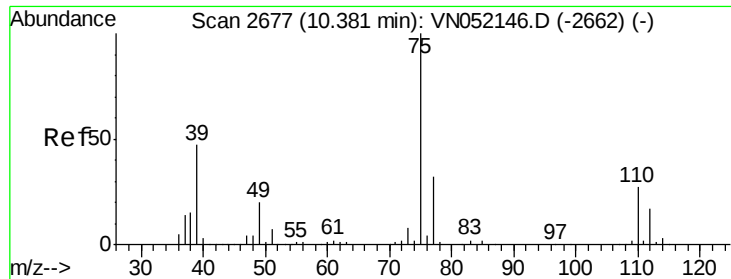
50000

0

10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.613 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

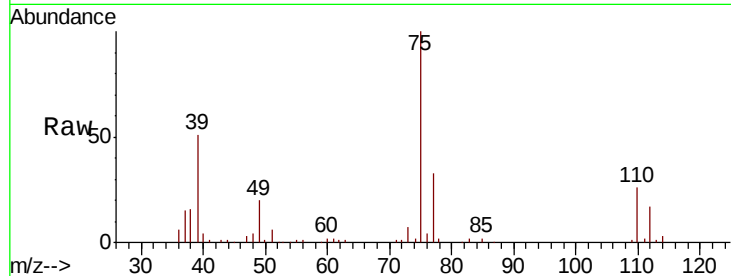
VN1106WBS02

Tgt Ion: 75 Resp: 97853

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

60000

50000

40000

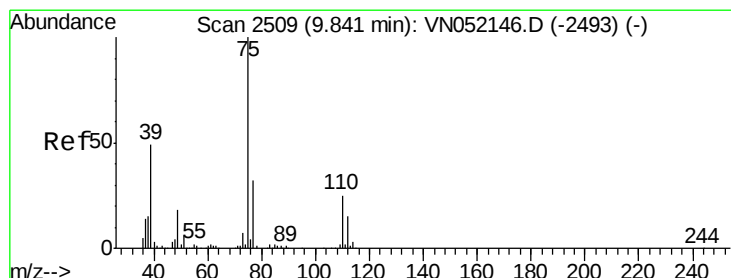
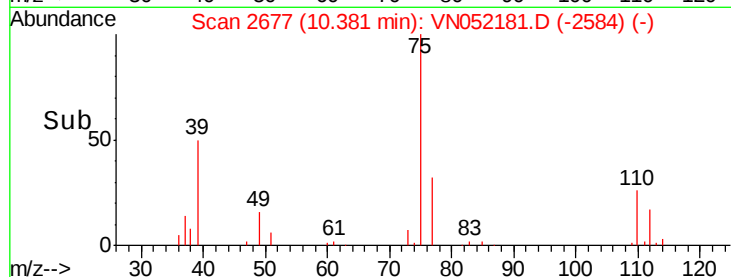
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.570 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

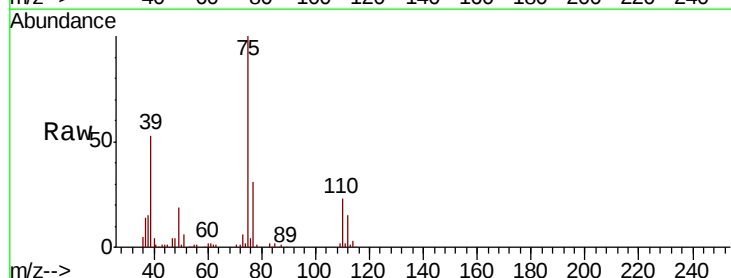
Tgt Ion: 75 Resp: 120393

Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

39 52.1 42.3 63.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

80000

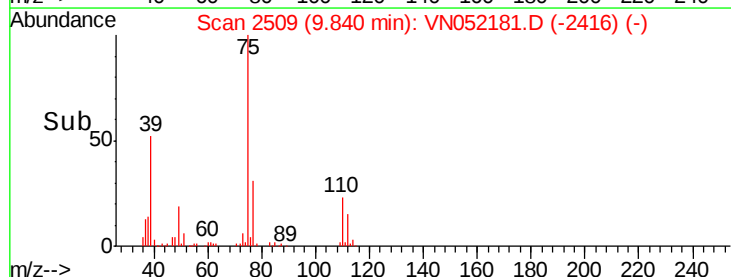
60000

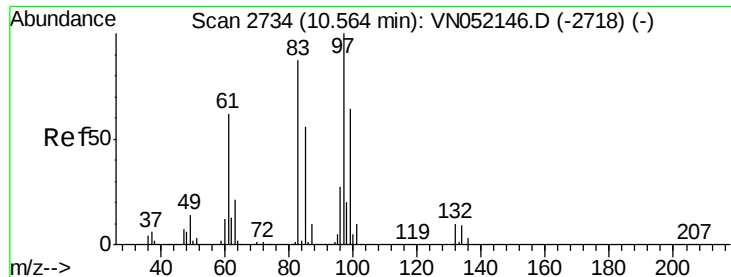
40000

20000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.947 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

Tgt Ion: 97 Resp: 69192

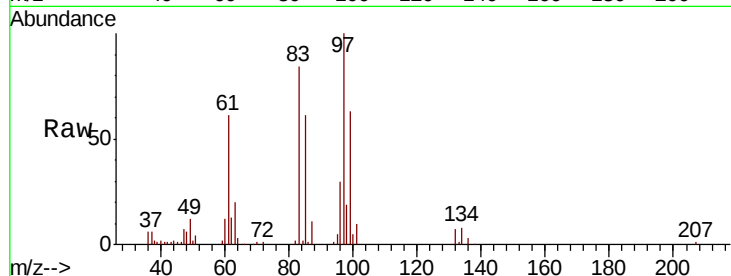
Ion Ratio Lower Upper

97 100

83 83.7 73.8 110.8

85 60.7 48.4 72.6

99 62.9 48.6 72.8

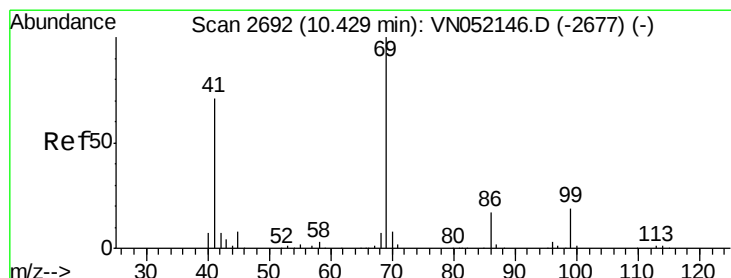
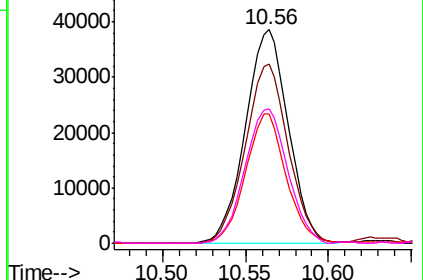
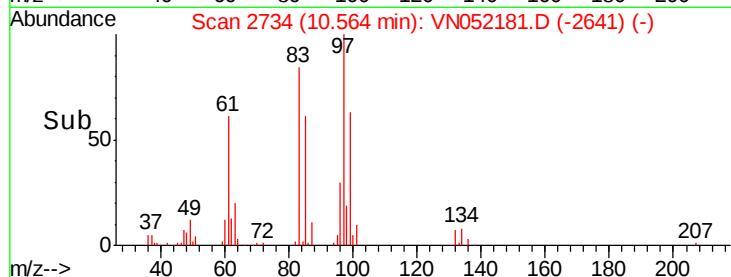


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.880 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

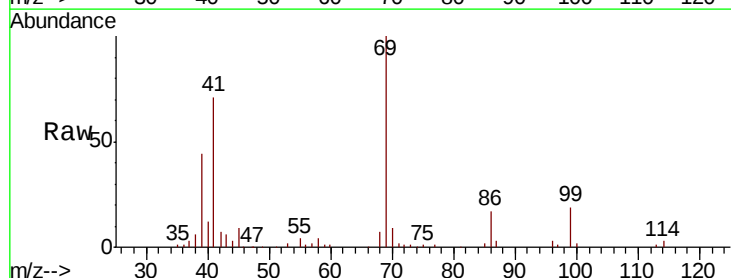
Tgt Ion: 69 Resp: 85361

Ion Ratio Lower Upper

69 100

41 69.0 55.5 83.3

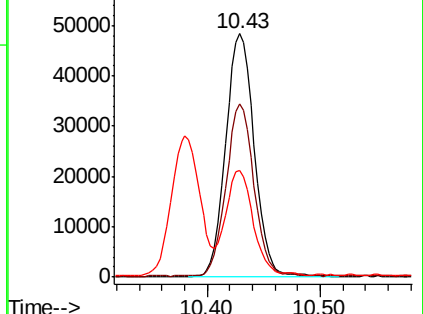
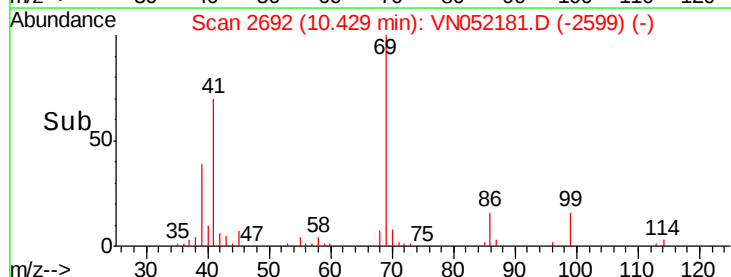
39 39.9 33.0 49.4

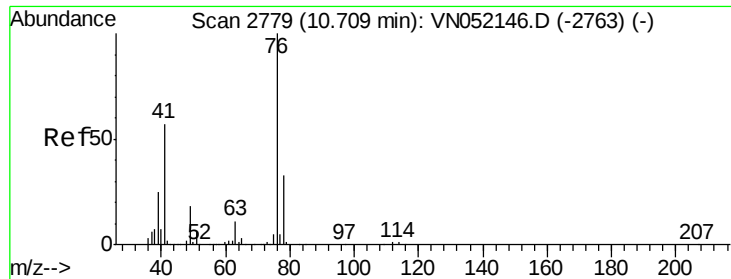


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.150 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

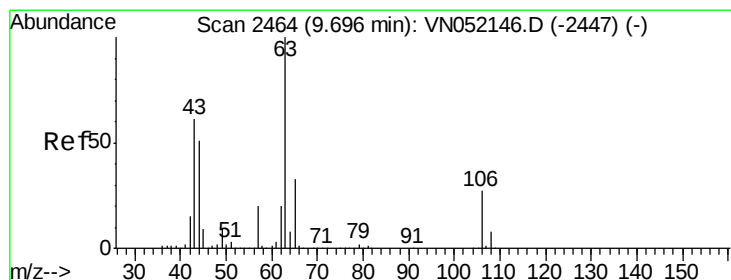
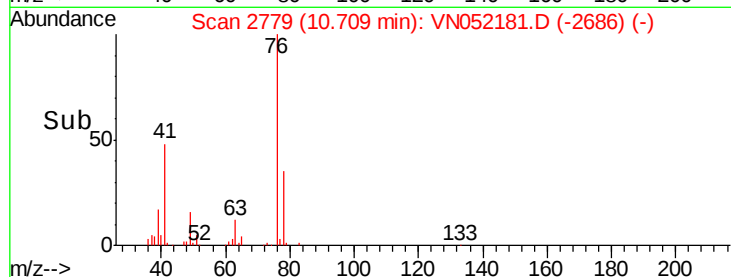
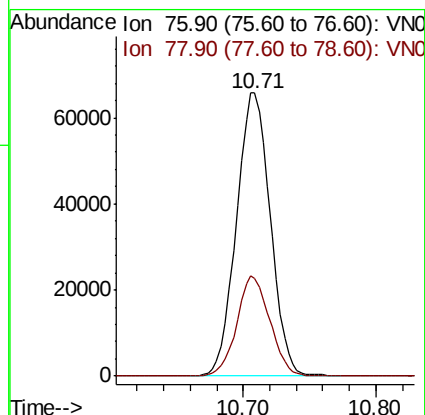
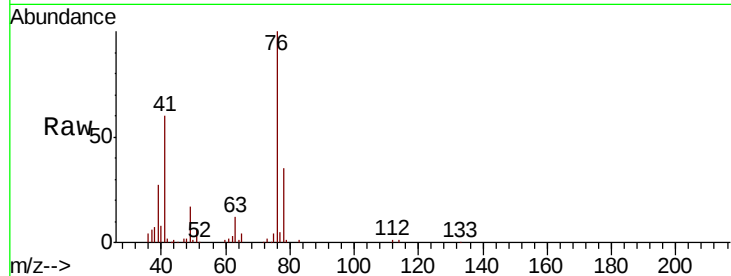
VN1106WBS02

Tgt Ion: 76 Resp: 117023

Ion Ratio Lower Upper

76 100

78 34.2 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 90.116 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN052181.D

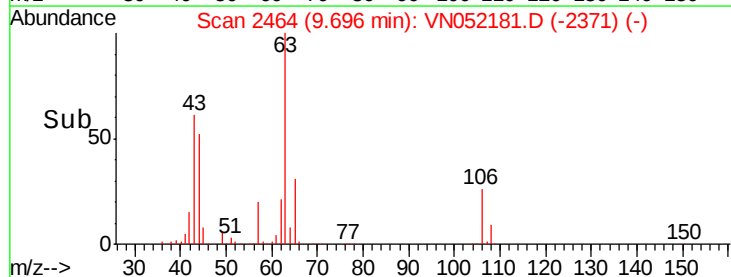
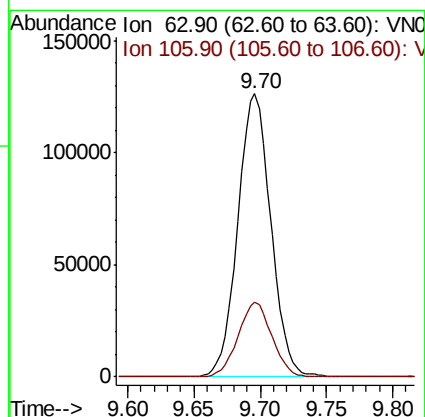
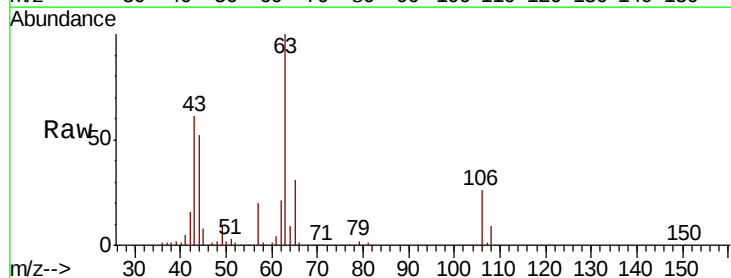
Acq: 6 Nov 2018 10:21

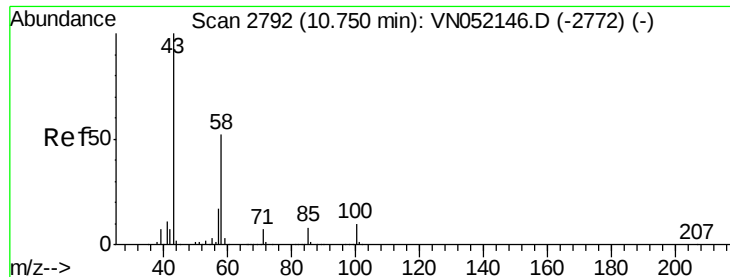
Tgt Ion: 63 Resp: 219274

Ion Ratio Lower Upper

63 100

106 26.8 19.4 29.2

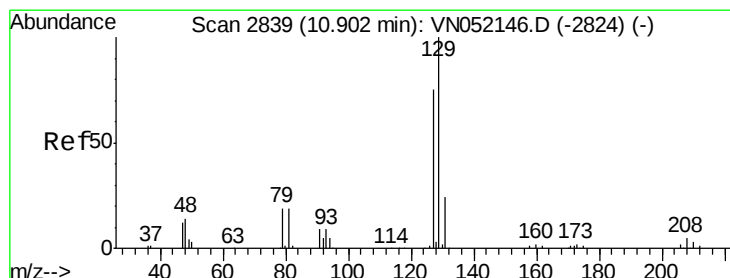
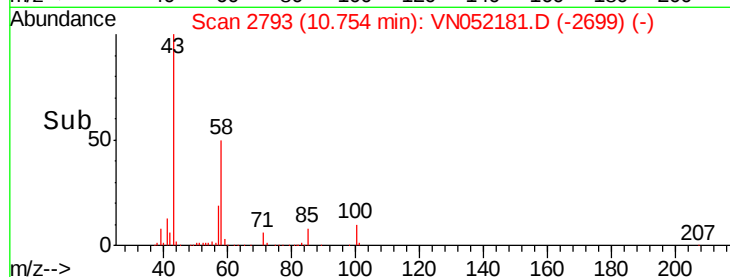
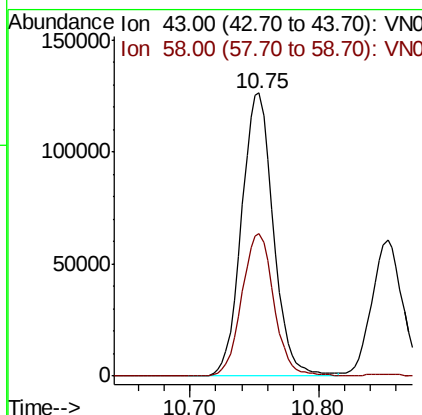
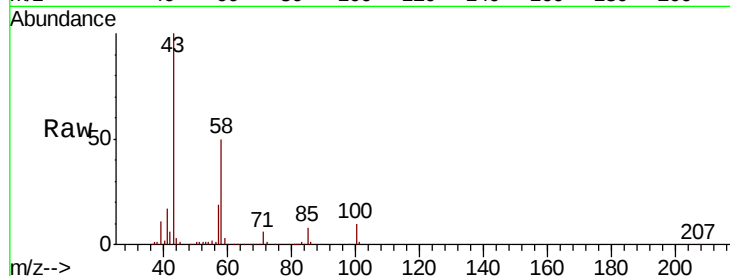




#59
2-Hexanone
Concen: 92.542 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

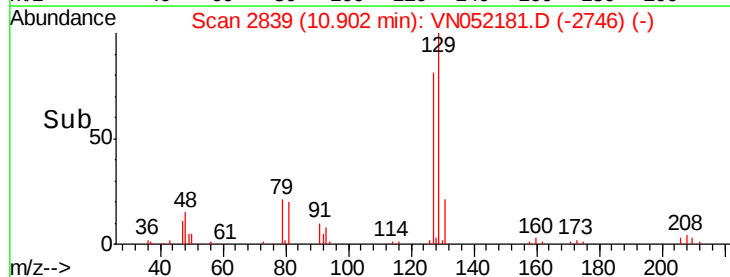
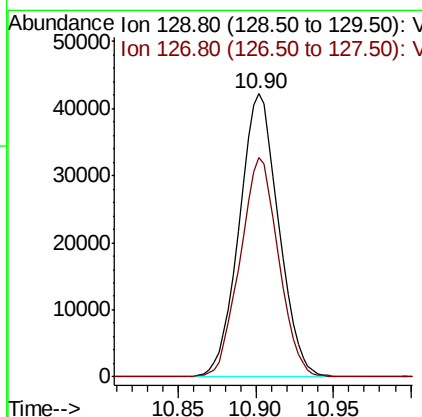
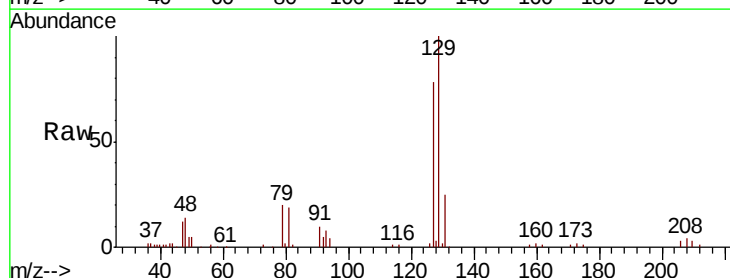
Instrument :
MSVOA_N
ClientSampled :
VN1106WBS02

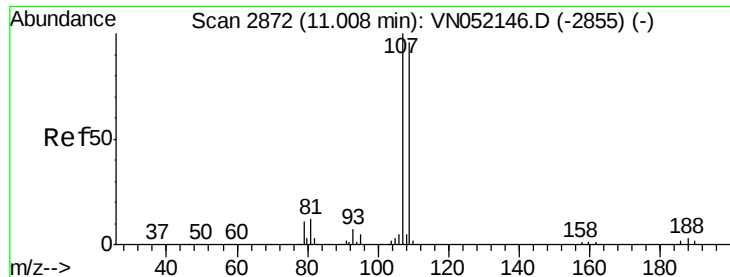
Tgt Ion: 43 Resp: 215518
Ion Ratio Lower Upper
43 100
58 51.1 25.2 75.6



#60
Dibromochloromethane
Concen: 18.932 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion: 129 Resp: 74680
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5

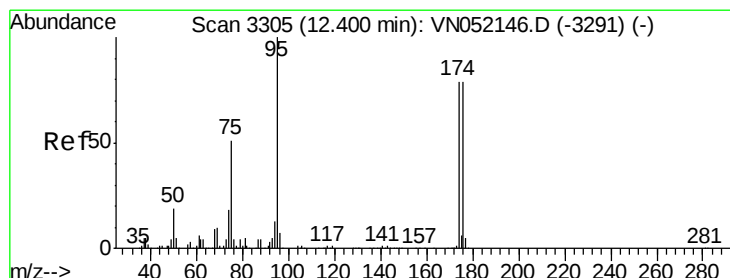
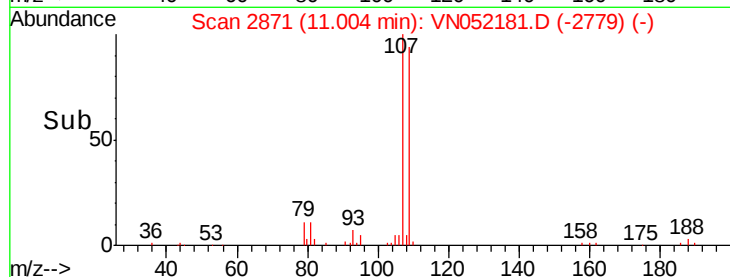
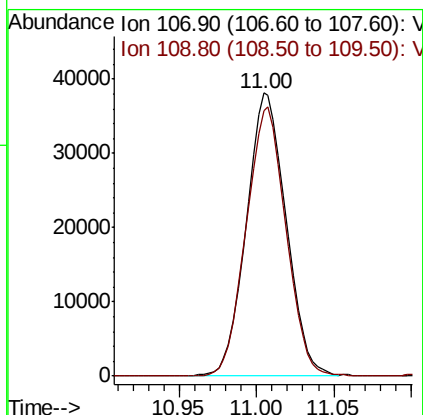
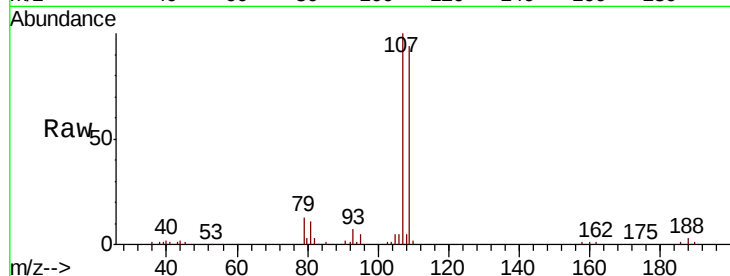




#61
 1,2-Dibromoethane
 Concen: 19.391 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

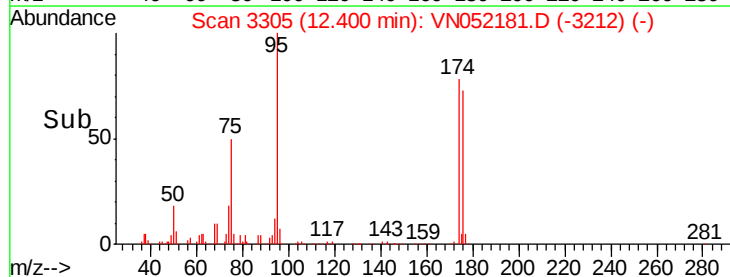
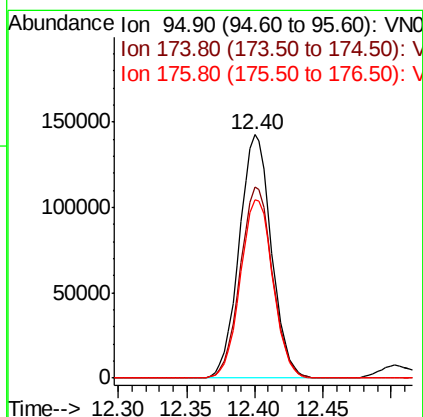
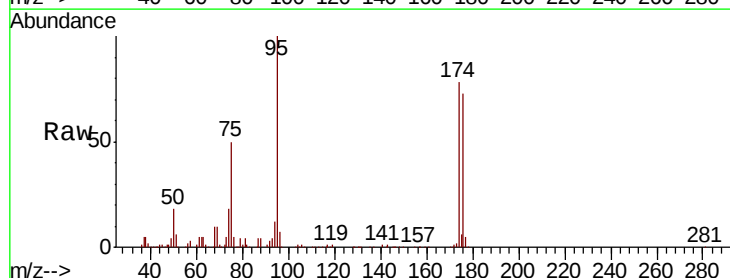
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

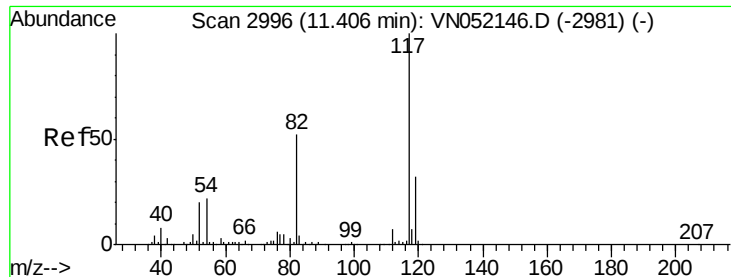
Tgt Ion: 107 Resp: 68276
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 19.391 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Tgt Ion: 95 Resp: 233445
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 131.8
 176 74.3 0.0 126.0

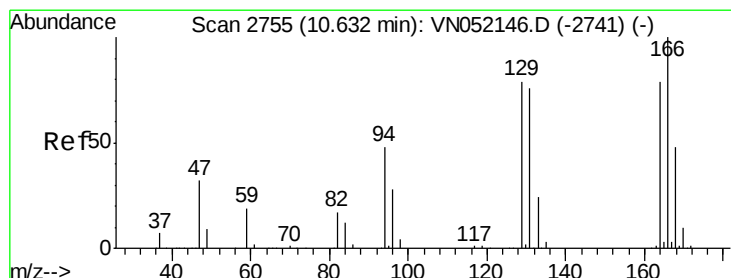
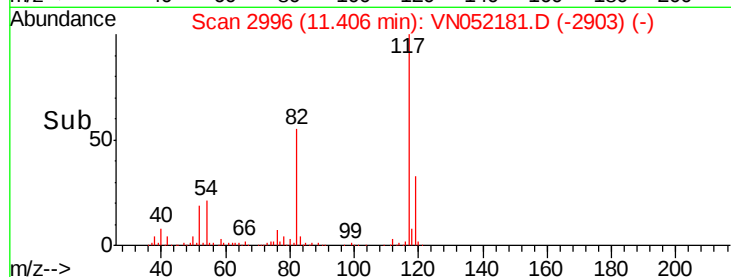
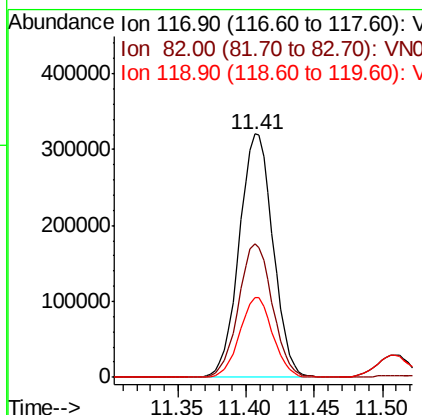
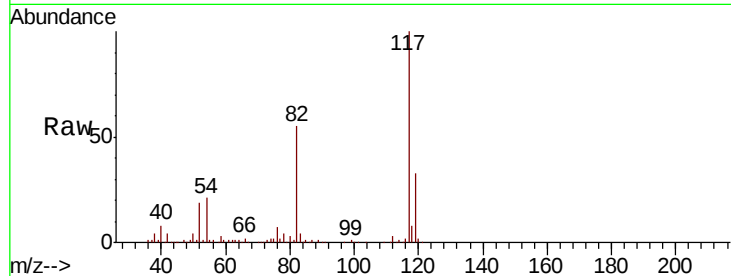




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

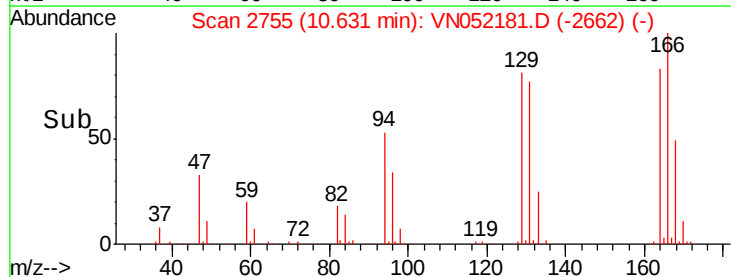
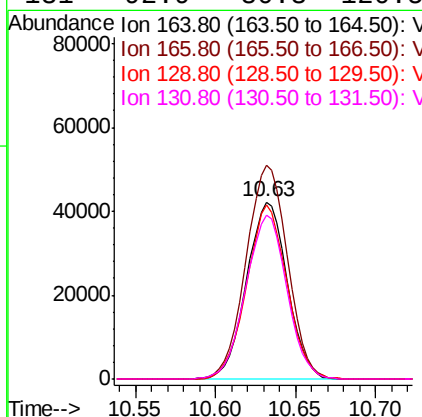
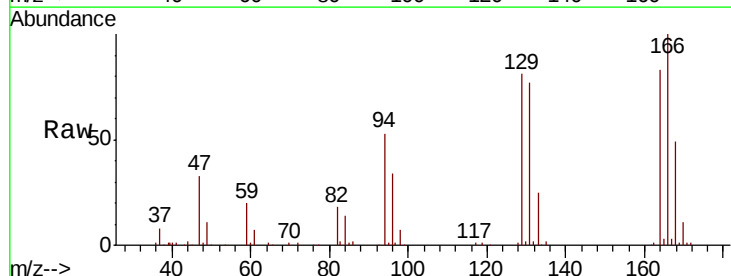
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

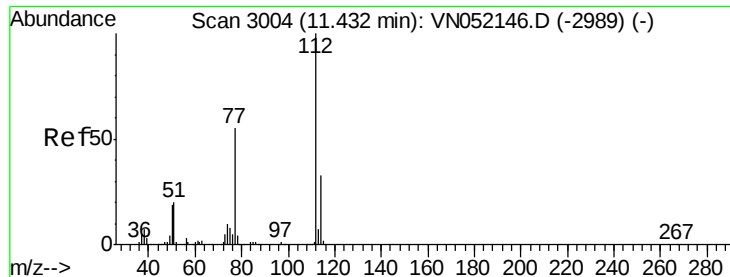
Tgt Ion:117 Resp: 550954
Ion Ratio Lower Upper
117 100
82 54.7 49.9 74.9
119 33.0 25.7 38.5



#64
Tetrachloroethene
Concen: 20.494 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion:164 Resp: 73150
Ion Ratio Lower Upper
164 100
166 120.9 105.4 158.0
129 98.5 86.1 129.1
131 92.9 80.3 120.5

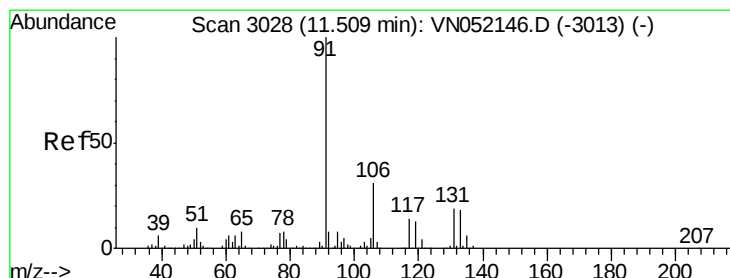
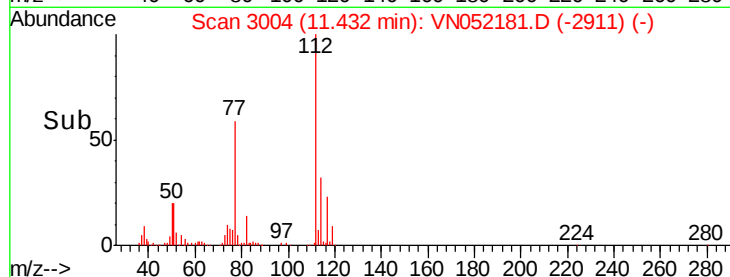
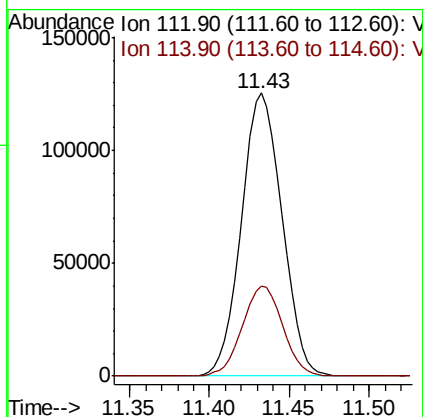
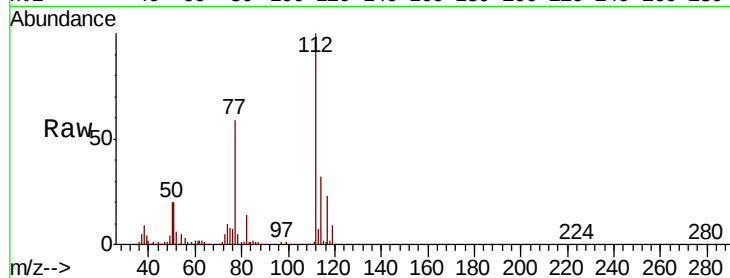




#65
Chlorobenzene
Concen: 19.357 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

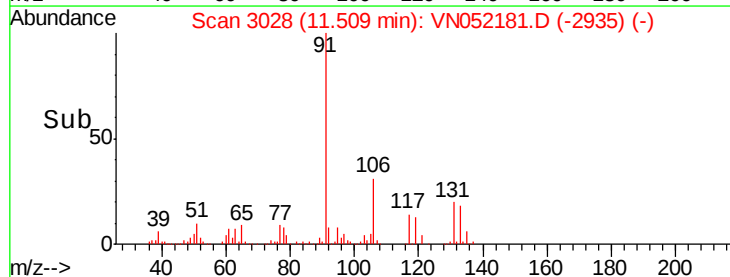
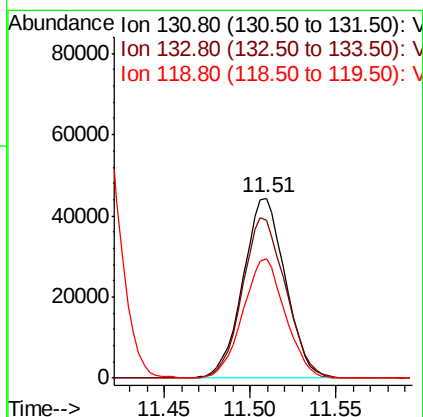
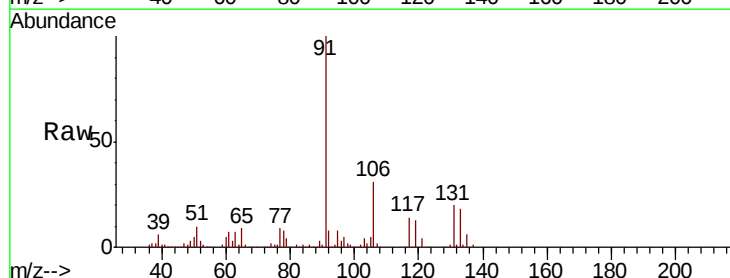
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

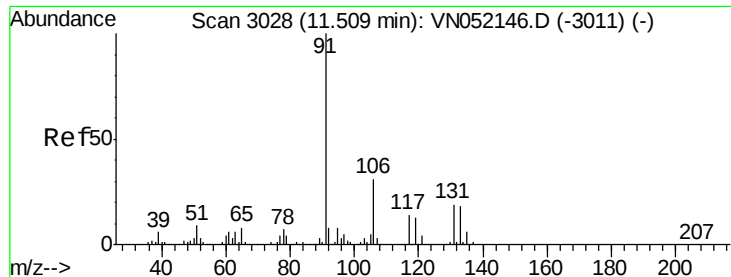
Tgt Ion:112 Resp: 217374
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.146 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion:131 Resp: 75978
Ion Ratio Lower Upper
131 100
133 91.2 47.6 142.9
119 66.3 34.4 103.2

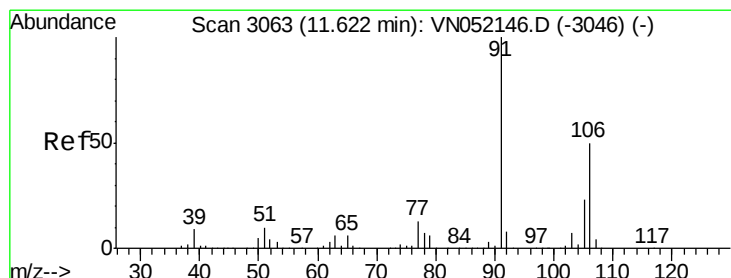
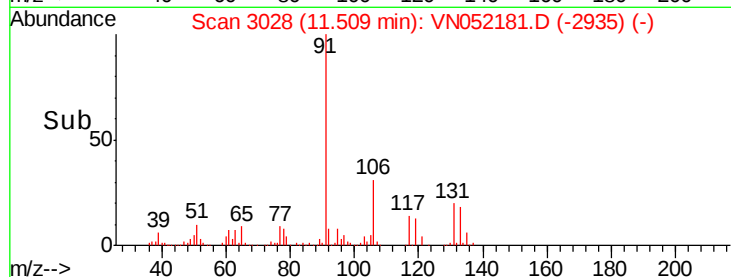
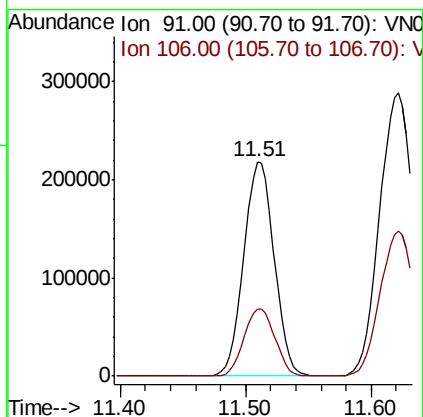
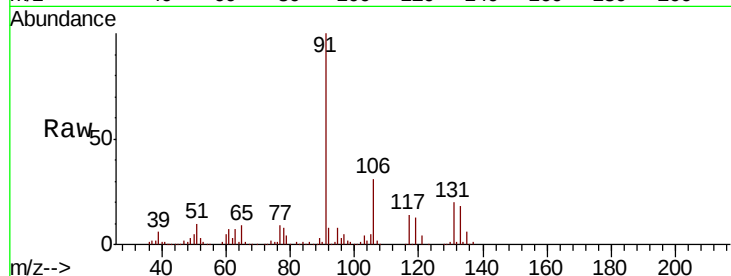




#67
Ethyl Benzene
Concen: 19.715 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

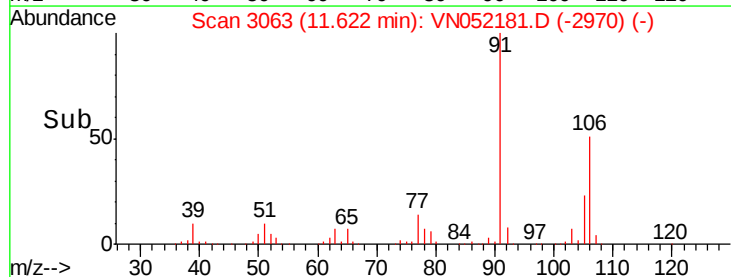
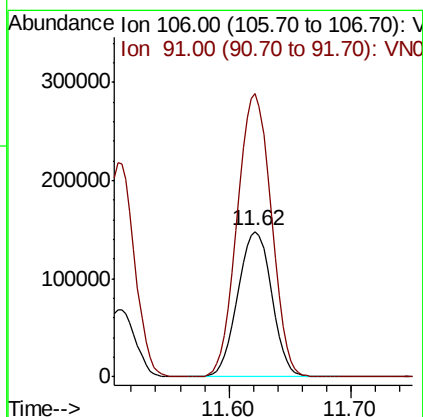
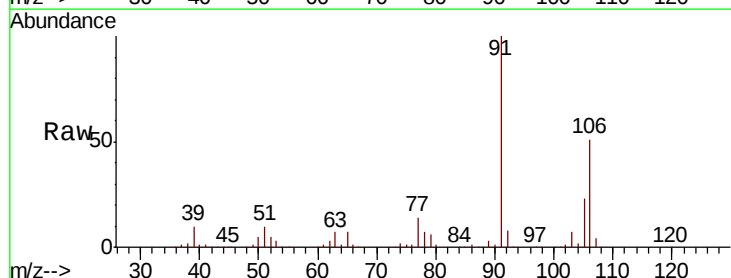
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

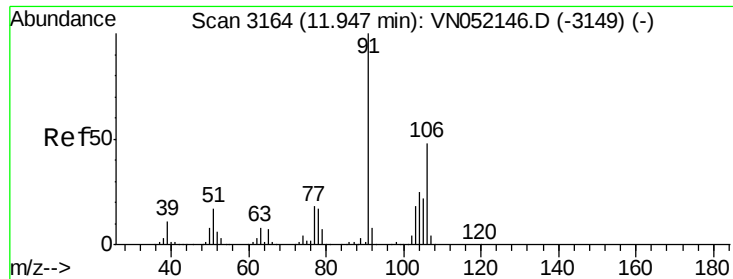
Tgt Ion: 91 Resp: 367722
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1



#68
m/p-Xylenes
Concen: 39.663 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion: 106 Resp: 285456
Ion Ratio Lower Upper
106 100
91 195.1 168.7 253.1

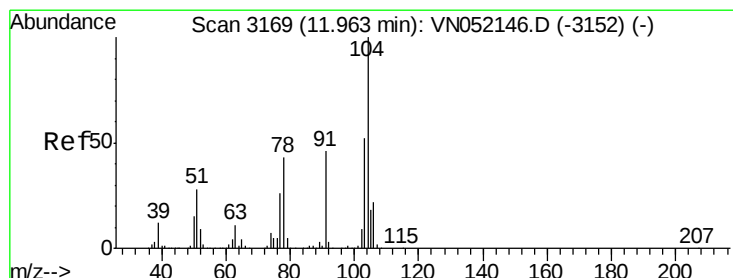
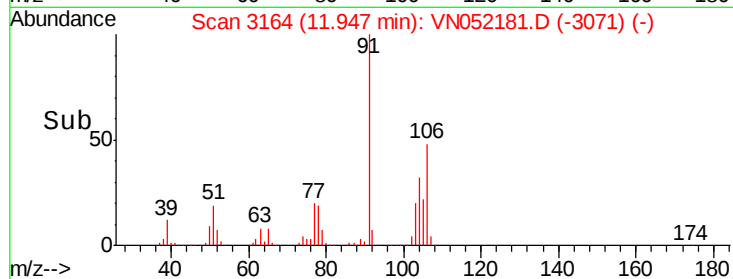
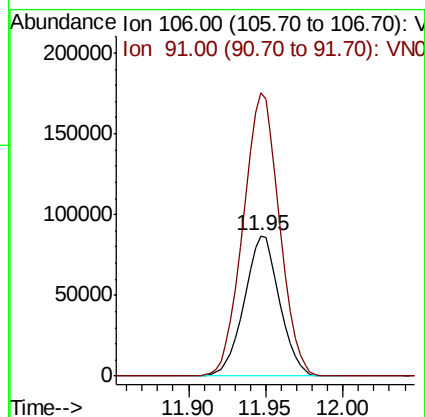
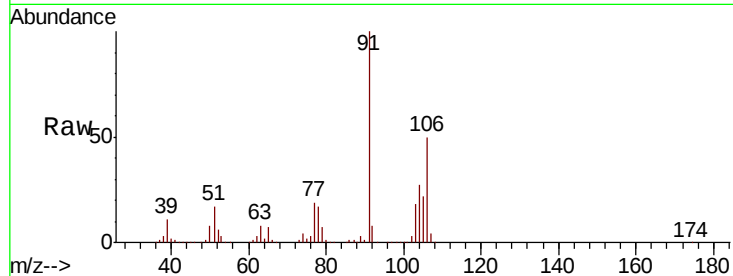




#69
o-Xylene
Concen: 19.803 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

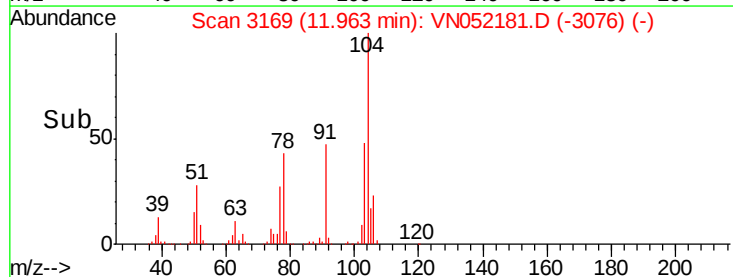
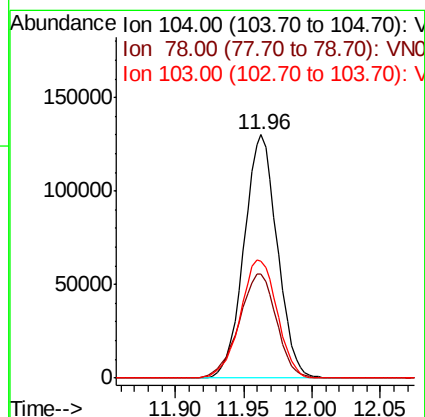
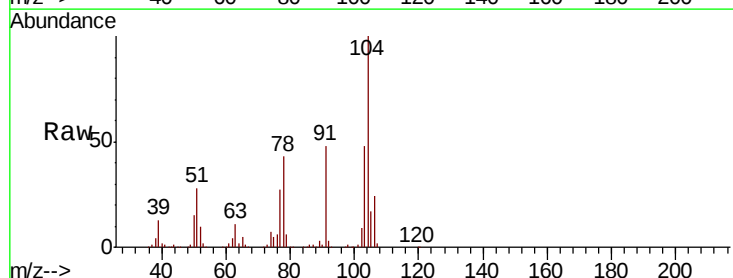
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS02

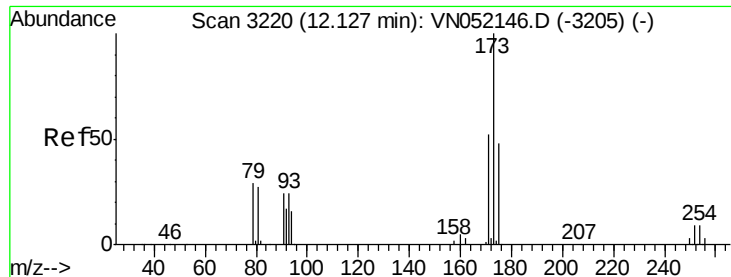
Tgt Ion:106 Resp: 138216
Ion Ratio Lower Upper
106 100
91 206.9 109.6 328.6



#70
Styrene
Concen: 19.904 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052181.D
Acq: 6 Nov 2018 10:21

Tgt Ion:104 Resp: 219919
Ion Ratio Lower Upper
104 100
78 48.2 43.0 64.6
103 53.8 45.1 67.7





#71

Bromoform

Concen: 17.874 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

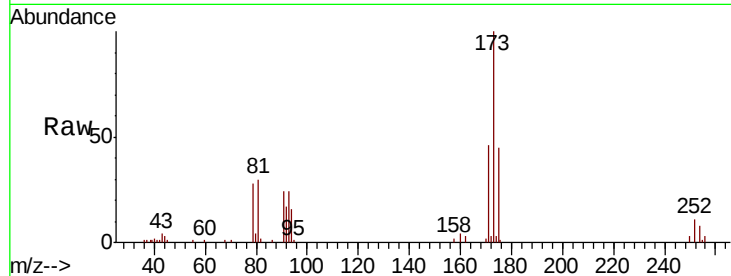
Tgt Ion:173 Resp: 40164

Ion Ratio Lower Upper

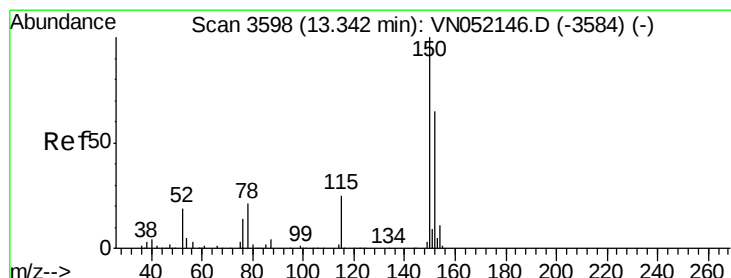
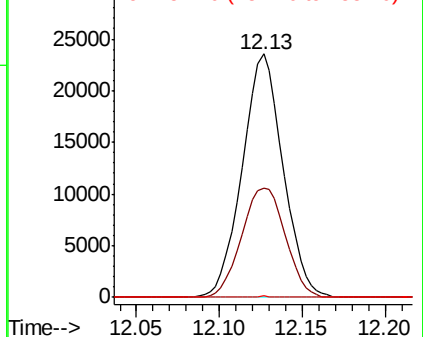
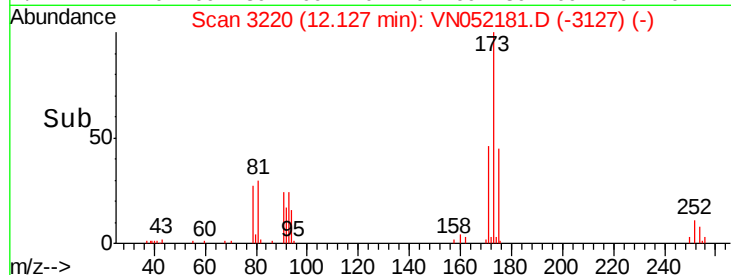
173 100

175 48.2 23.9 71.7

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

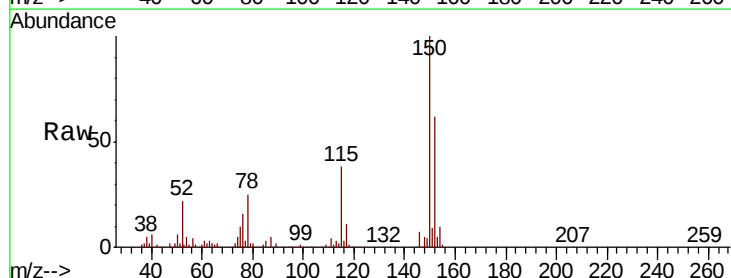
Tgt Ion:152 Resp: 233411

Ion Ratio Lower Upper

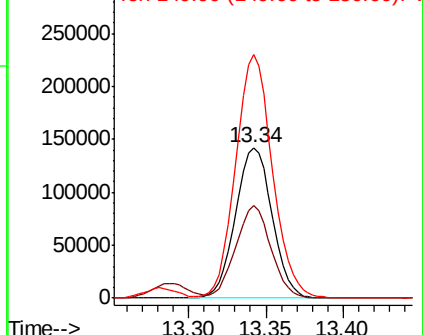
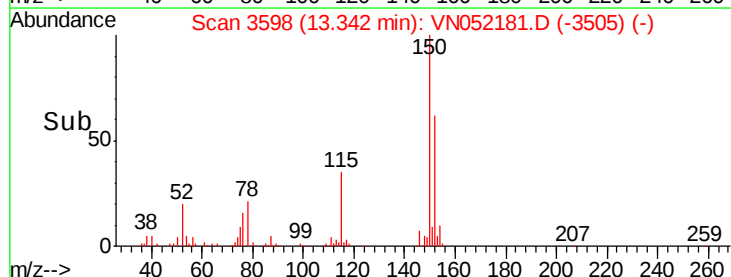
152 100

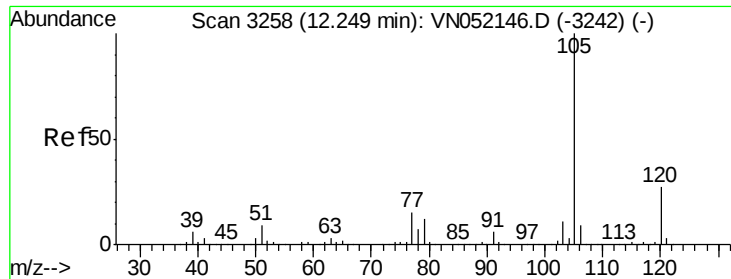
115 59.2 31.6 95.0

150 162.9 0.0 345.0



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





#73

Isopropylbenzene

Concen: 20.138 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

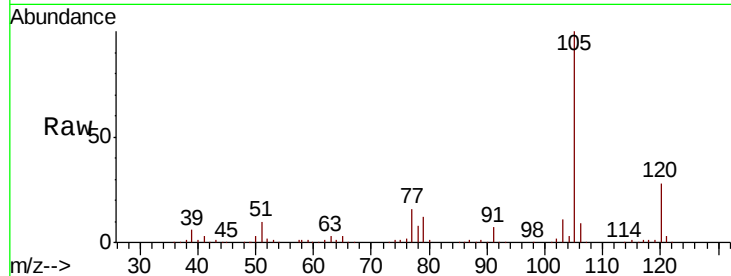
VN1106WBS02

Tgt Ion: 105 Resp: 355399

Ion Ratio Lower Upper

105 100

120 27.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

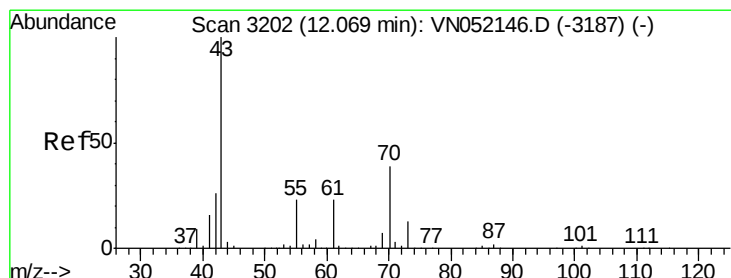
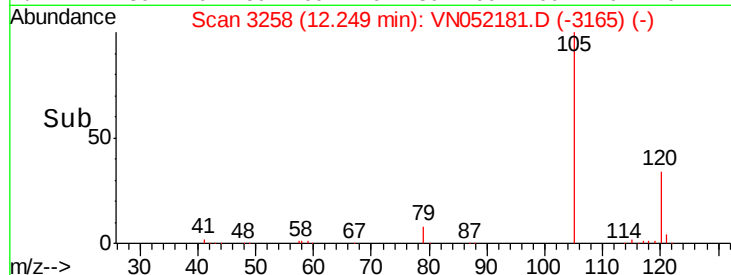
100000

50000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 18.450 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Tgt Ion: 43 Resp: 98932

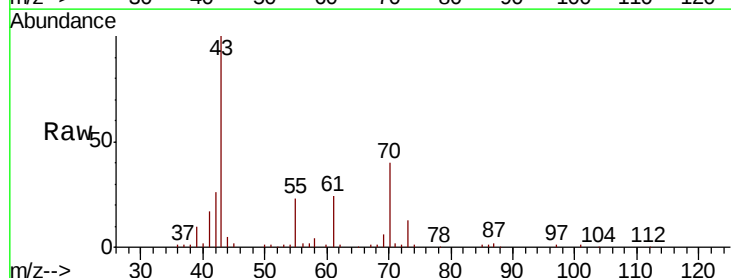
Ion Ratio Lower Upper

43 100

70 42.3 31.9 47.9

55 23.7 18.4 27.6

61 23.4 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

60000

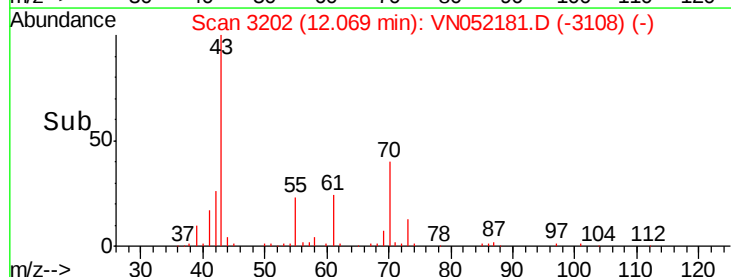
40000

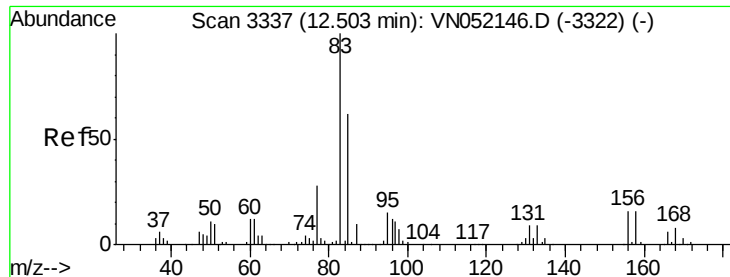
20000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.041 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

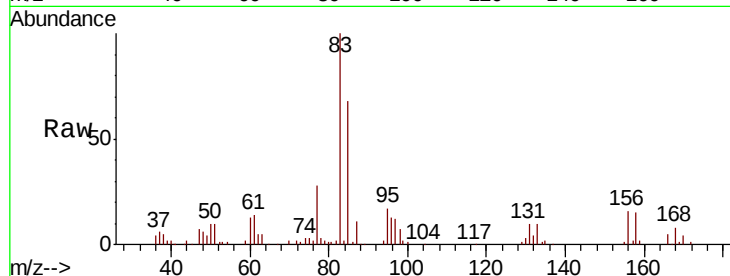
Tgt Ion: 83 Resp: 77418

Ion Ratio Lower Upper

83 100

131 10.6 4.5 13.4

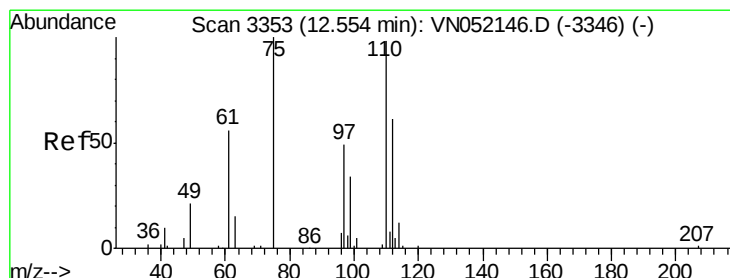
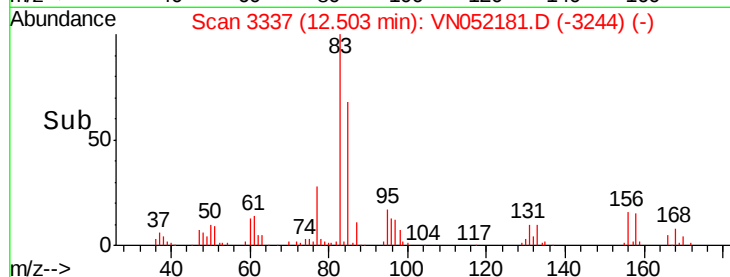
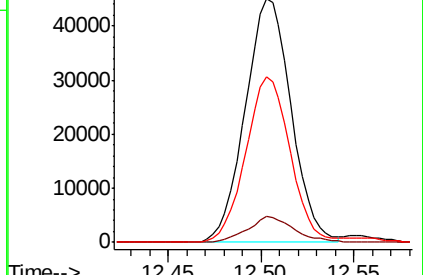
85 65.9 31.3 93.9



Abundance Ion 82.90 (82.60 to 83.60): VN052181.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN052181.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN052181.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 31.718 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052181.D

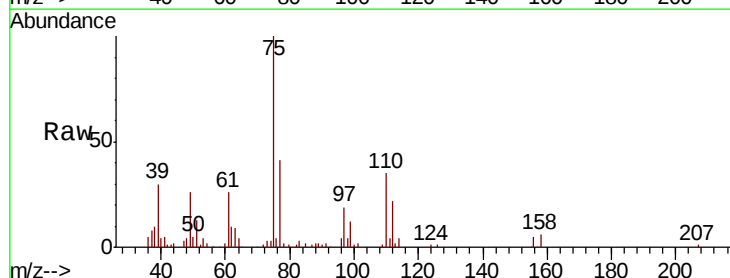
Acq: 6 Nov 2018 10:21

Tgt Ion: 75 Resp: 97853

Ion Ratio Lower Upper

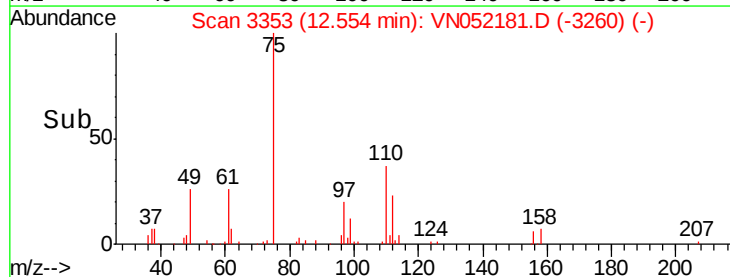
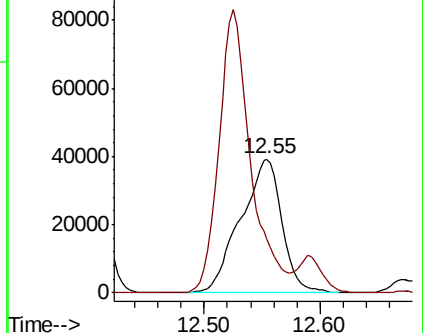
75 100

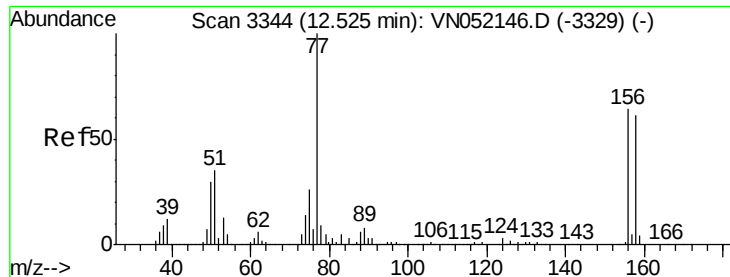
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052181.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN052181.D (-3260) (-)





#77

Bromobenzene

Concen: 19.753 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampled :

VN1106WBS02

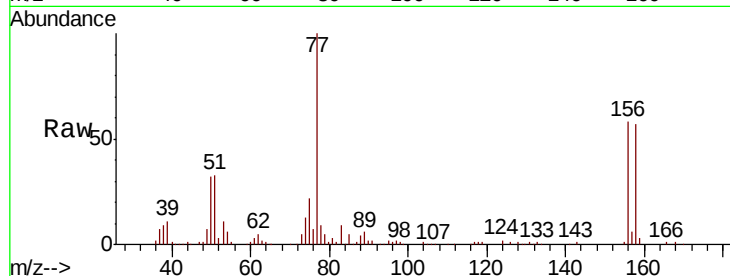
Tgt Ion:156 Resp: 83130

Ion Ratio Lower Upper

156 100

77 189.8 119.6 358.6

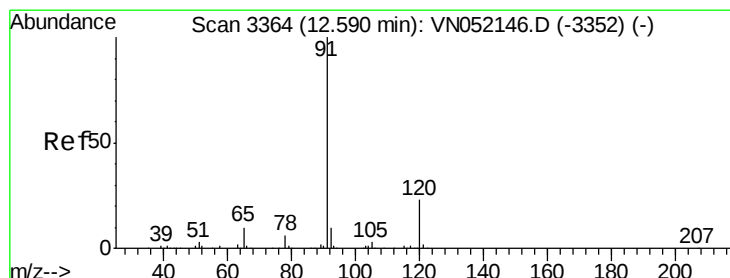
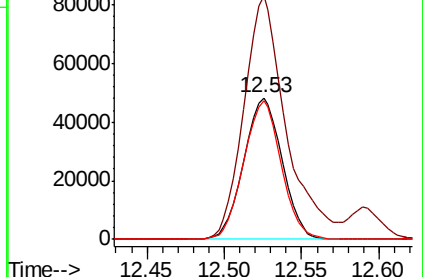
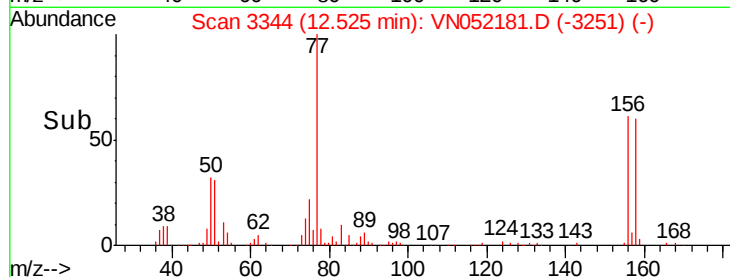
158 96.1 47.8 143.4



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: 19.986 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052181.D

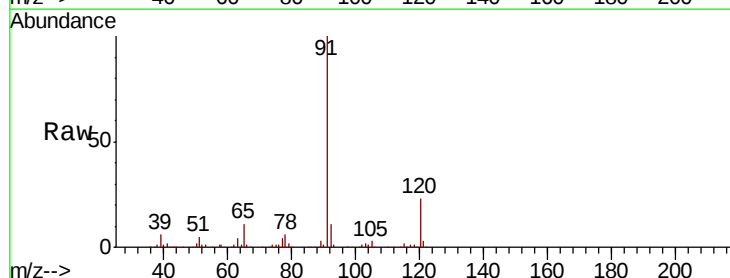
Acq: 6 Nov 2018 10:21

Tgt Ion: 91 Resp: 403108

Ion Ratio Lower Upper

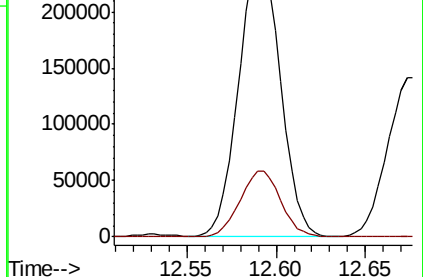
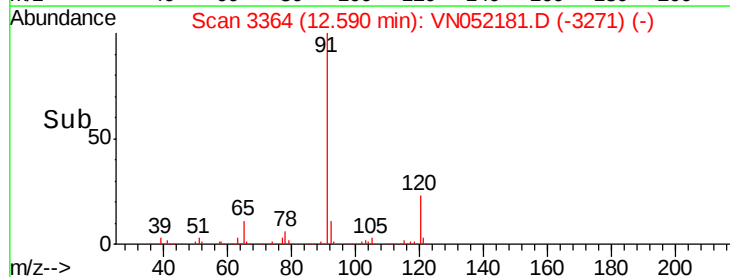
91 100

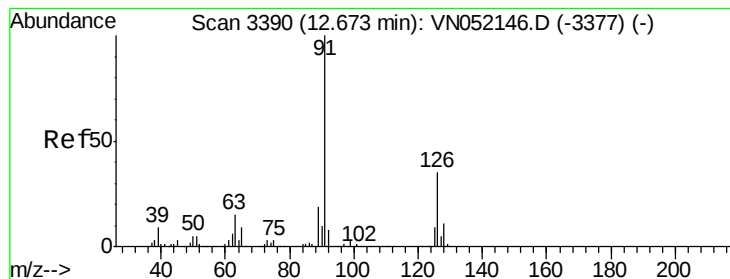
120 23.2 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.769 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

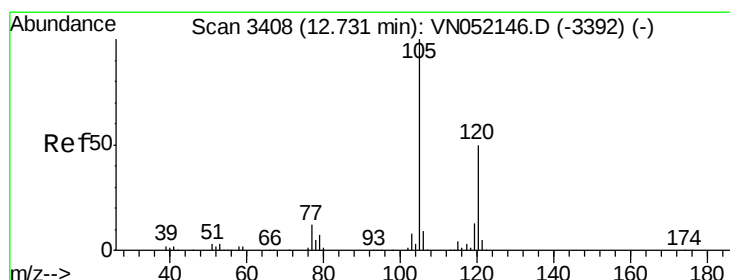
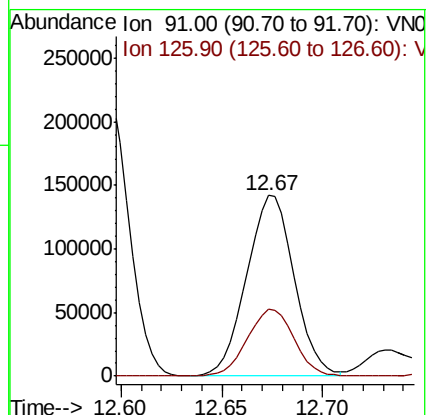
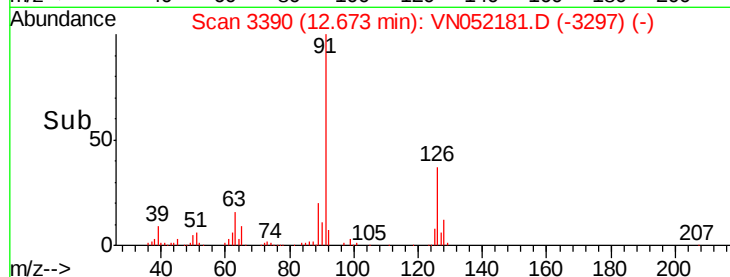
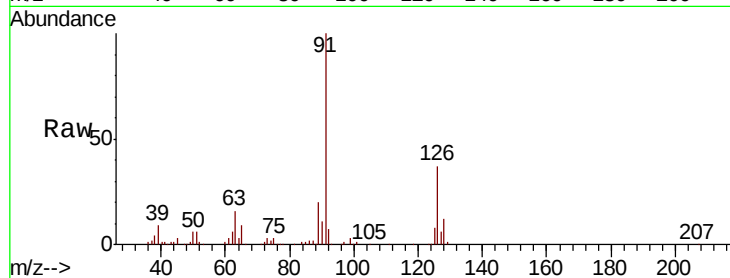
VN1106WBS02

Tgt Ion: 91 Resp: 233821

Ion Ratio Lower Upper

91 100

126 36.6 15.9 47.6



#80

1,3,5-Trimethylbenzene

Concen: 19.909 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052181.D

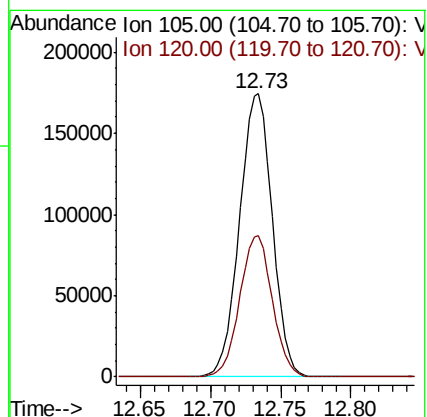
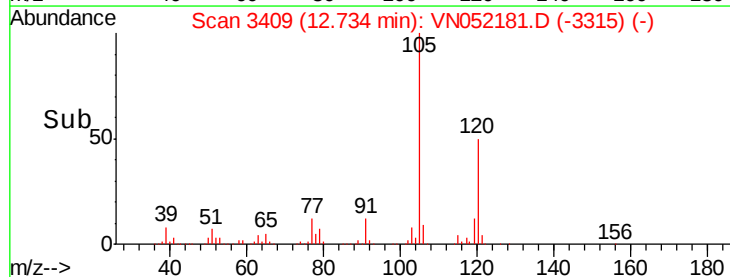
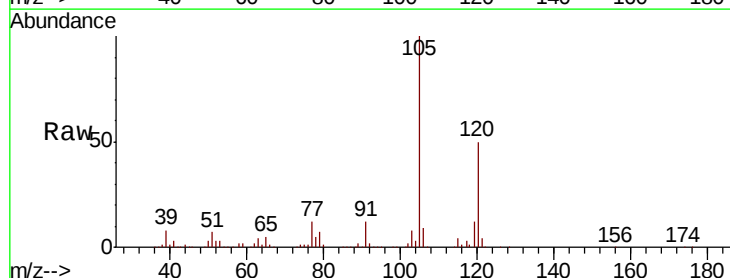
Acq: 6 Nov 2018 10:21

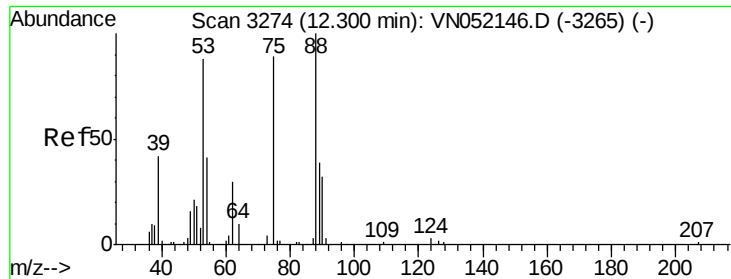
Tgt Ion: 105 Resp: 284405

Ion Ratio Lower Upper

105 100

120 49.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.389 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampled :

VN1106WBS02

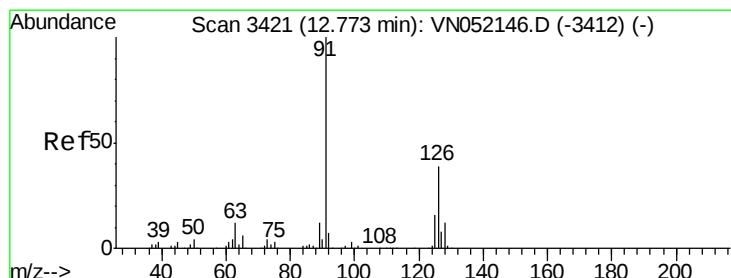
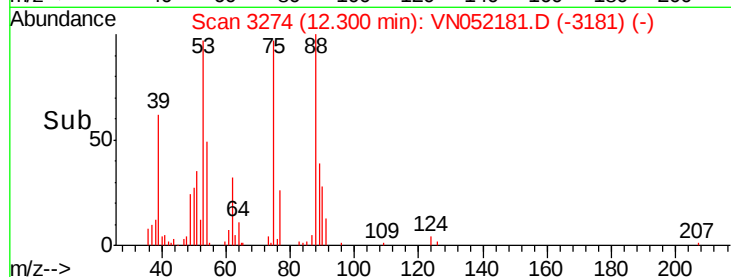
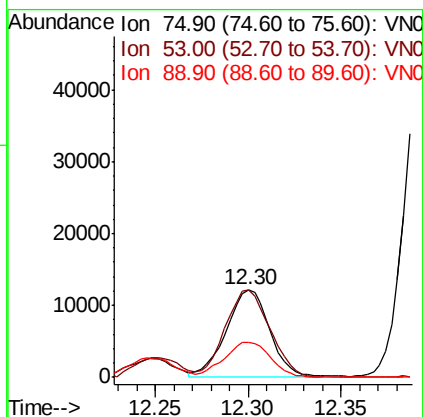
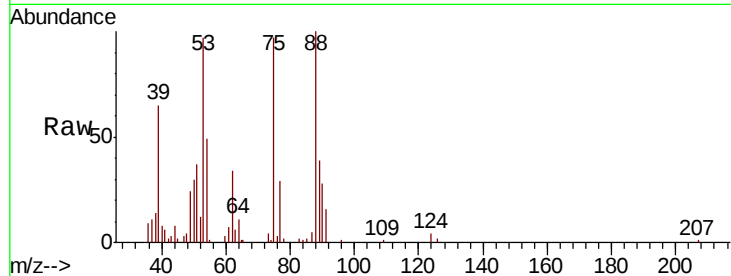
Tgt Ion: 75 Resp: 19890

Ion Ratio Lower Upper

75 100

53 102.1 81.8 122.6

89 42.5 36.6 54.8



#82

4-Chlorotoluene

Concen: 19.908 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052181.D

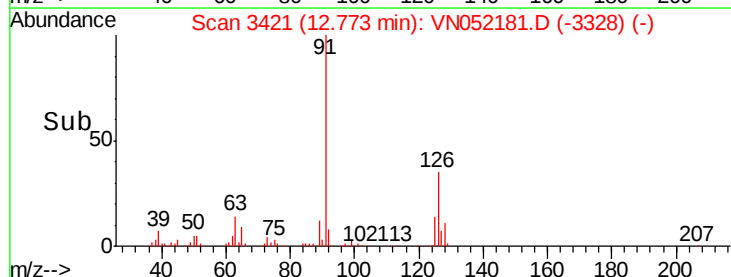
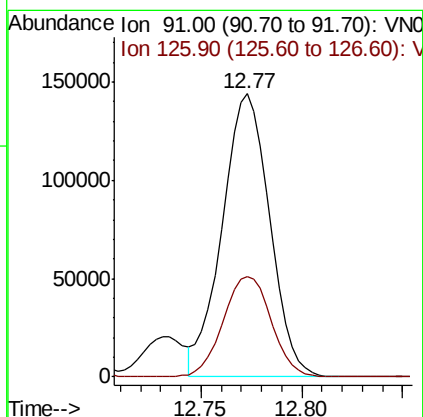
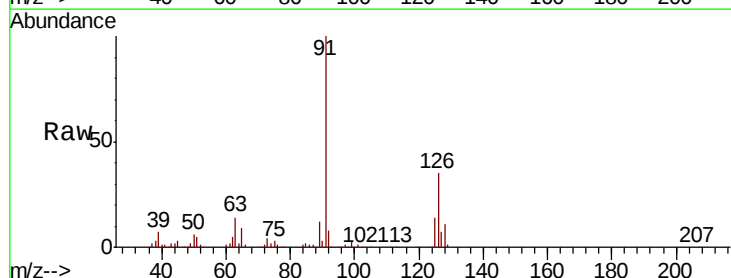
Acq: 6 Nov 2018 10:21

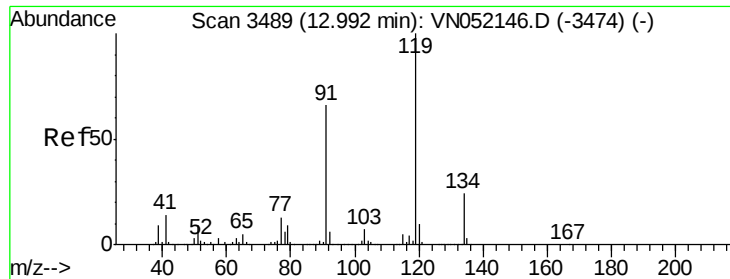
Tgt Ion: 91 Resp: 236659

Ion Ratio Lower Upper

91 100

126 36.1 15.7 47.1

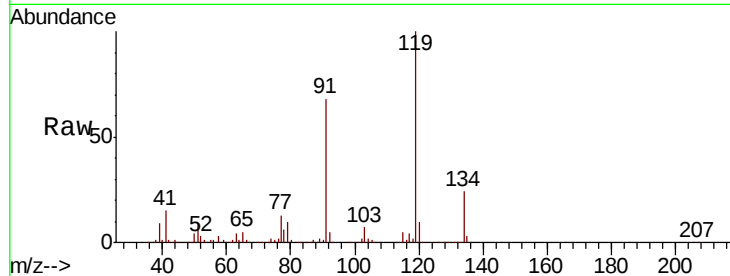




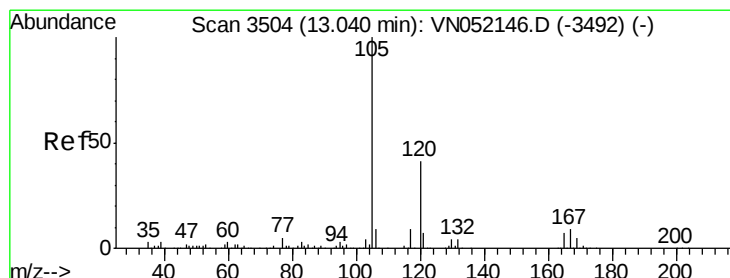
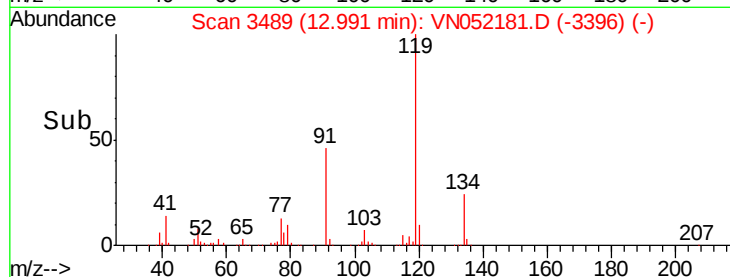
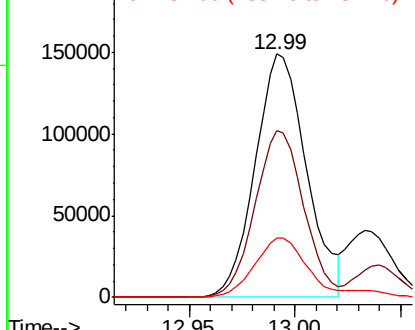
#83
 tert-Butylbenzene
 Concen: 19.990 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

Tgt Ion:119 Resp: 252149
 Ion Ratio Lower Upper
 119 100
 91 65.1 36.6 109.9
 134 26.6 12.5 37.5

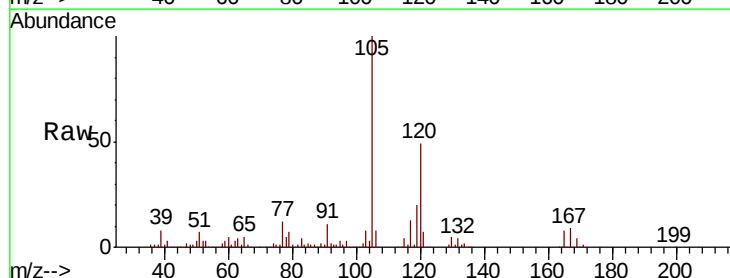


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

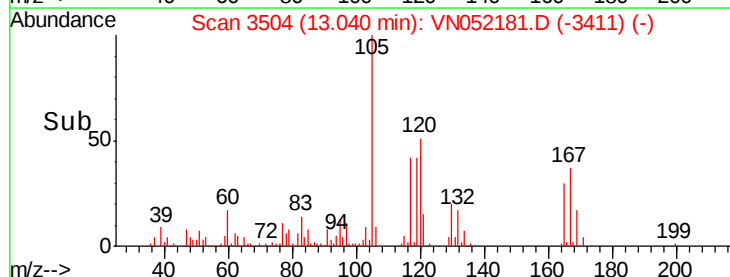
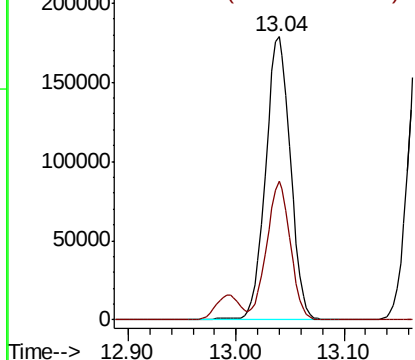


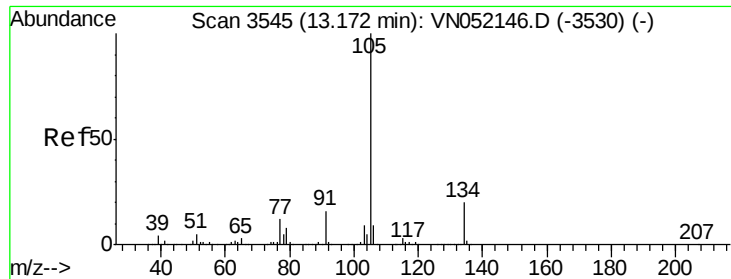
#84
 1,2,4-Trimethylbenzene
 Concen: 20.027 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Tgt Ion:105 Resp: 284782
 Ion Ratio Lower Upper
 105 100
 120 46.6 21.9 65.5



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

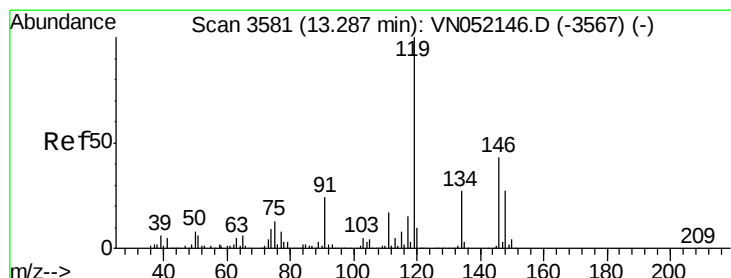
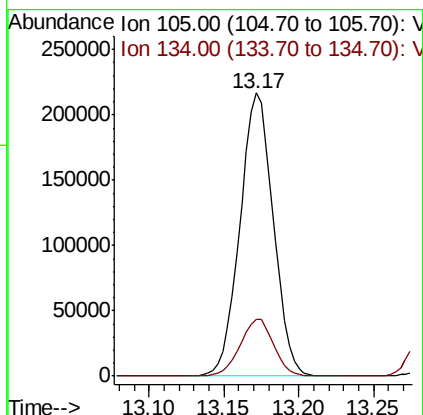
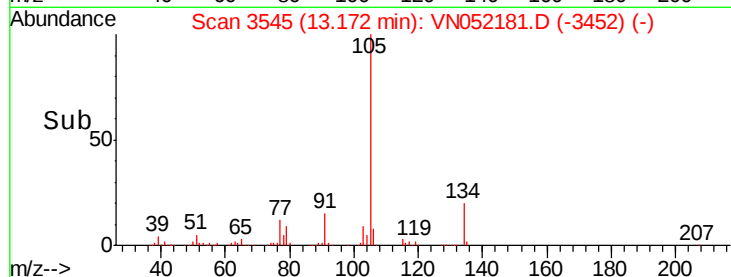
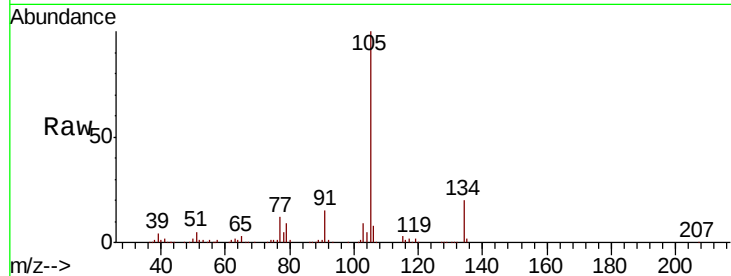




#85
 sec-Butylbenzene
 Concen: 19.690 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

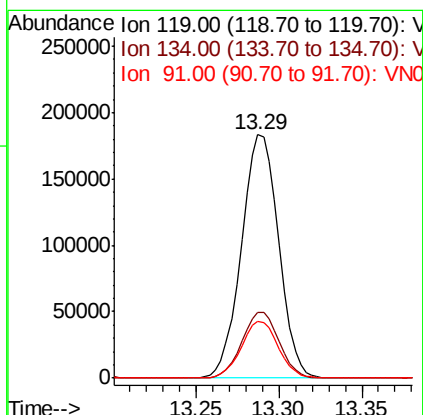
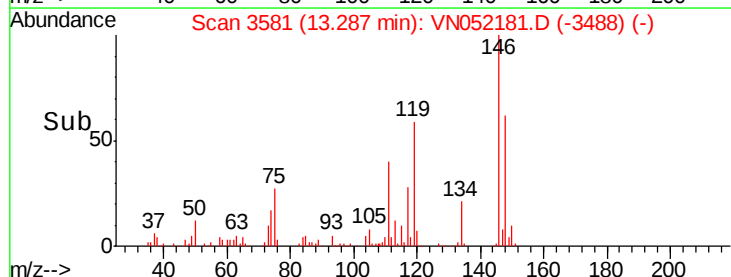
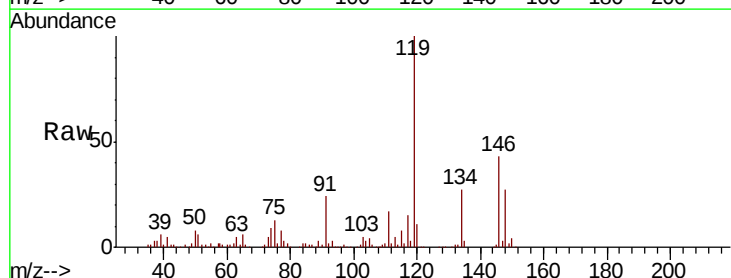
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

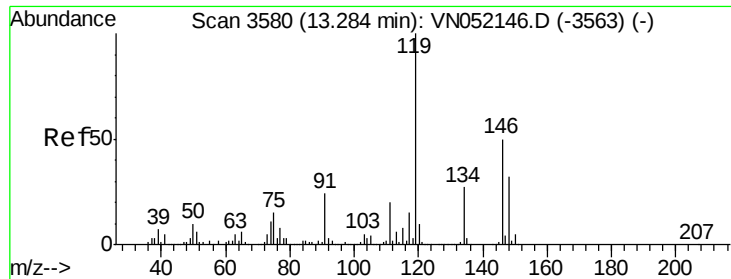
Tgt Ion:105 Resp: 335838
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 19.833 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Tgt Ion:119 Resp: 284731
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.8 38.3
 91 23.7 13.4 40.2

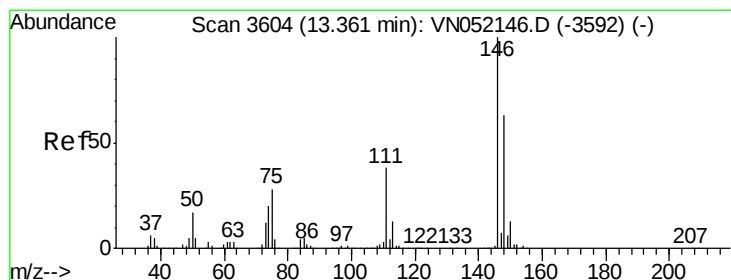
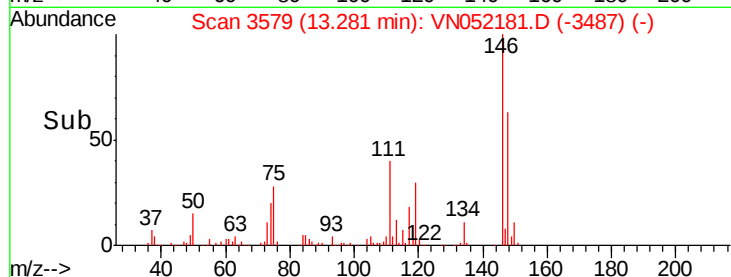
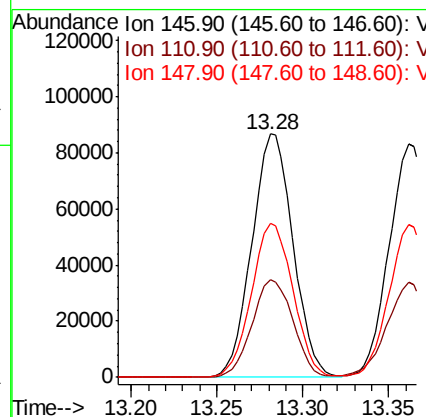
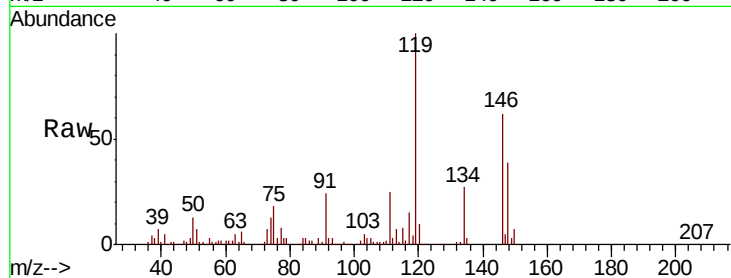




#87
 1,3-Dichlorobenzene
 Concen: 19.379 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

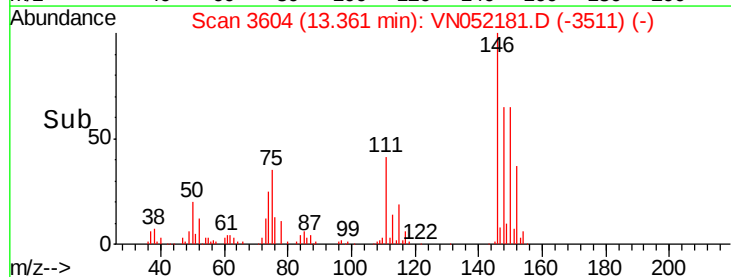
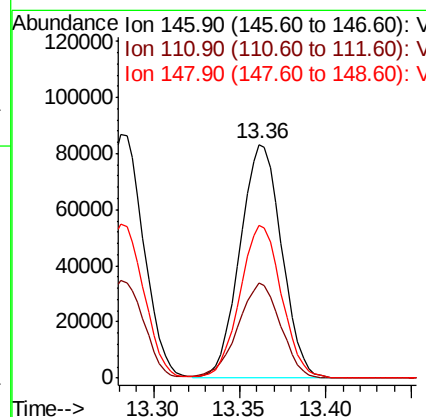
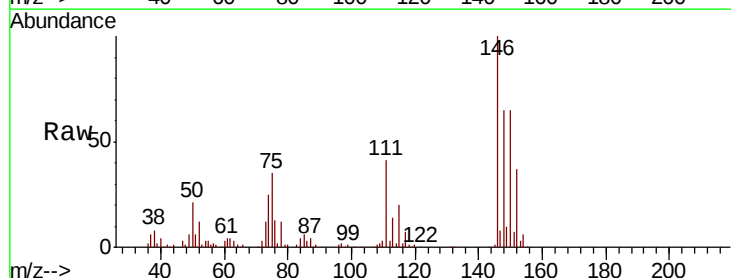
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

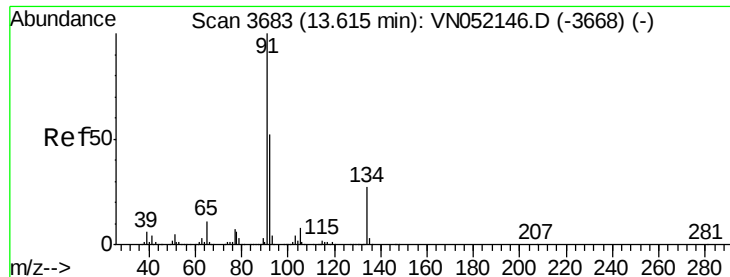
Tgt Ion:146 Resp: 144125
 Ion Ratio Lower Upper
 146 100
 111 39.8 22.9 68.8
 148 64.0 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.924 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Tgt Ion:146 Resp: 140667
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.9 65.8
 148 65.2 32.6 98.0





#89

n-Butylbenzene

Concen: 19.229 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

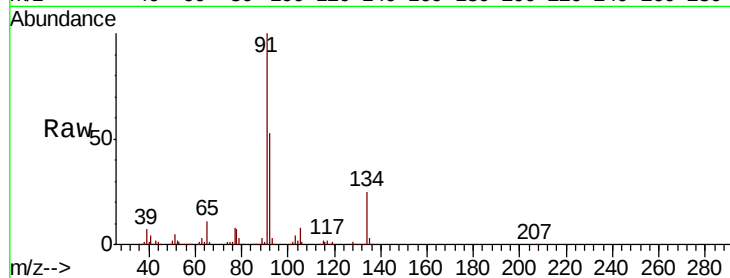
Tgt Ion: 91 Resp: 239033

Ion Ratio Lower Upper

91 100

92 52.2 25.3 75.8

134 25.0 11.2 33.5

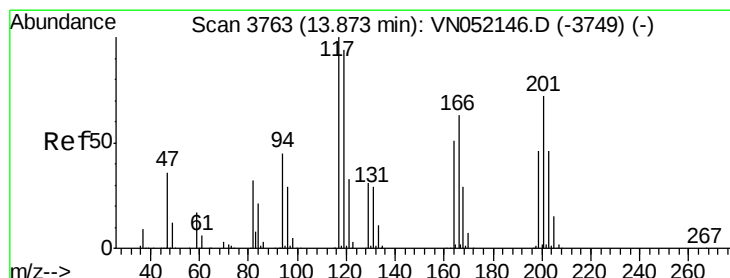
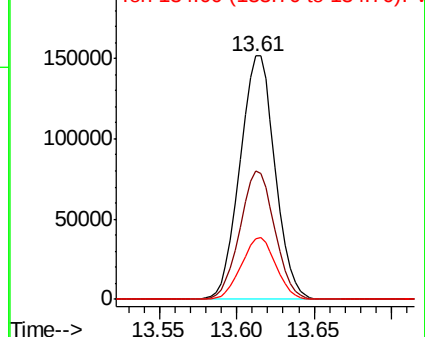
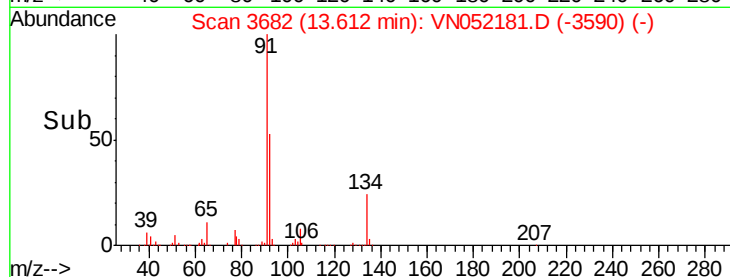


Abundance

Ion 91.00 (90.70 to 91.70): VN052181.D (-3590) (-)

Ion 92.00 (91.70 to 92.70): VN052181.D (-3590) (-)

Ion 134.00 (133.70 to 134.70): VN052181.D (-3590) (-)



#90

Hexachloroethane

Concen: 19.315 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN052181.D

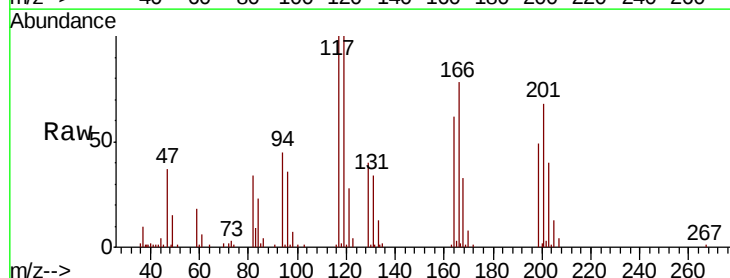
Acq: 6 Nov 2018 10:21

Tgt Ion: 117 Resp: 46733

Ion Ratio Lower Upper

117 100

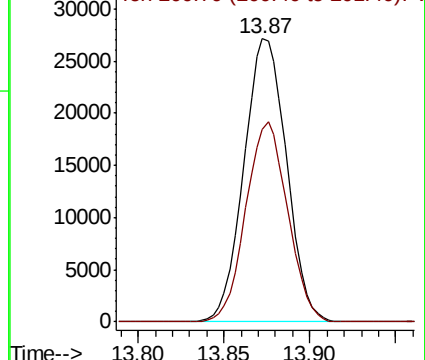
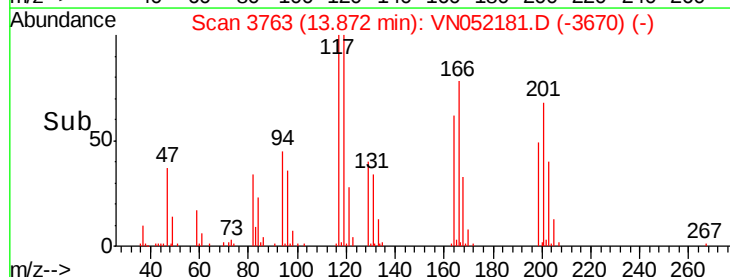
201 69.3 31.1 93.5

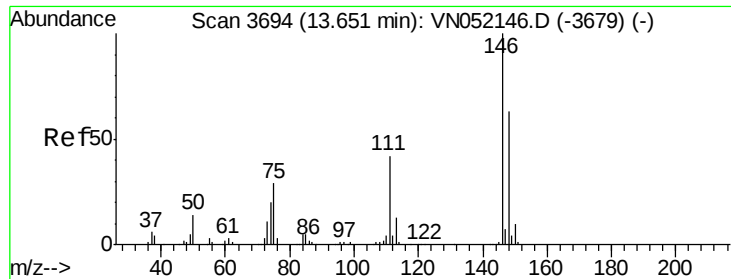


Abundance

Ion 116.80 (116.50 to 117.50): VN052181.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN052181.D (-3670) (-)

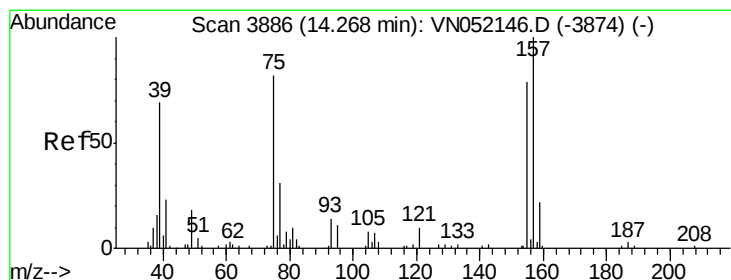
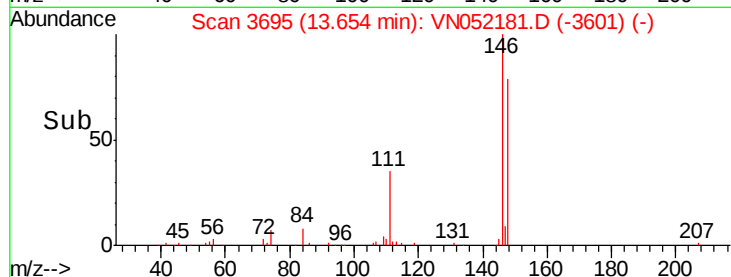
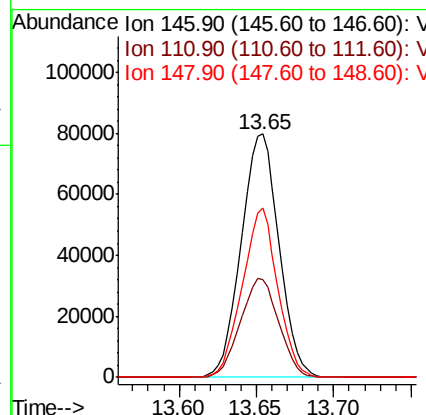
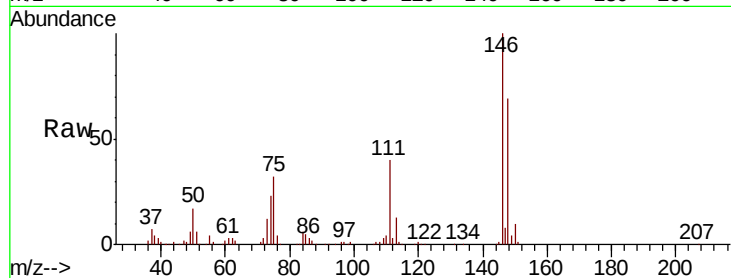




#91
 1,2-Dichlorobenzene
 Concen: 19.420 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

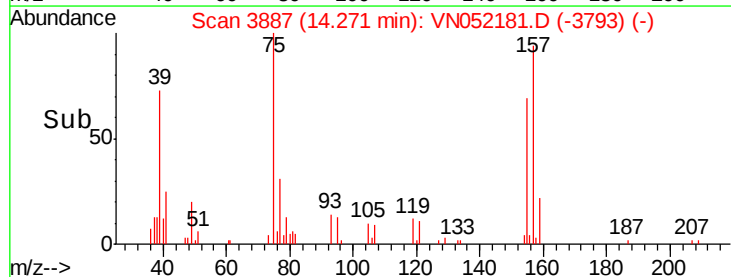
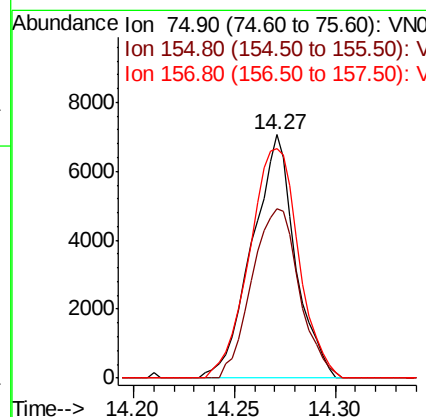
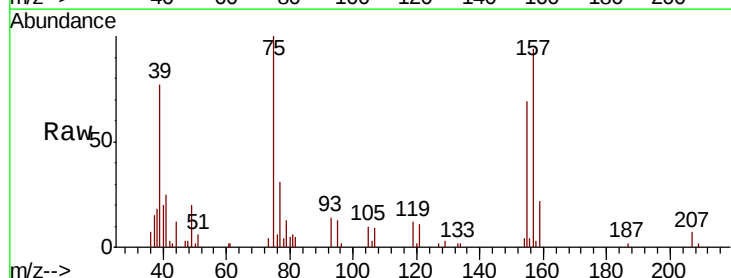
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

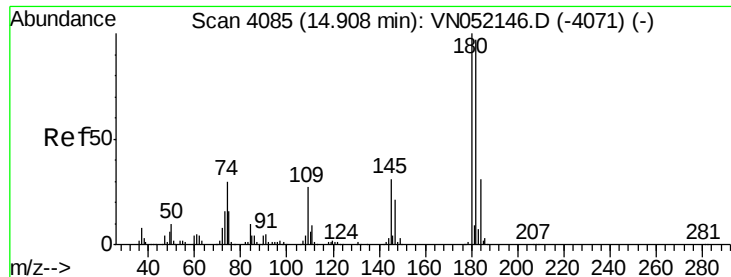
Tgt Ion:146 Resp: 135542
 Ion Ratio Lower Upper
 146 100
 111 41.2 22.5 67.5
 148 65.1 30.9 92.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.757 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Tgt Ion: 75 Resp: 10585
 Ion Ratio Lower Upper
 75 100
 155 76.4 34.0 102.0
 157 107.6 42.1 126.4

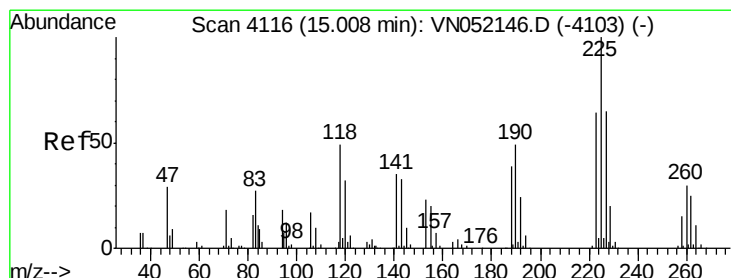
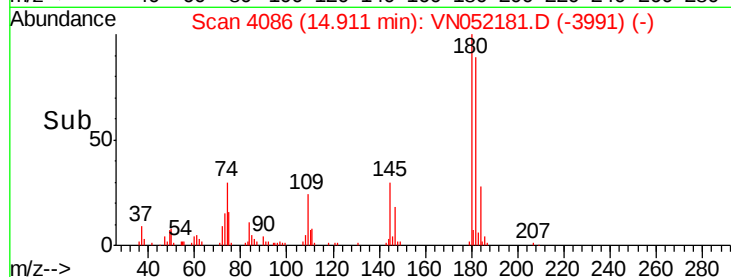
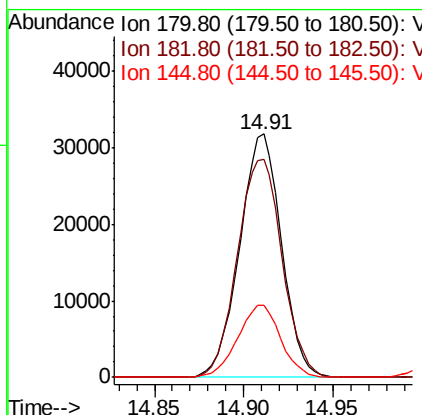
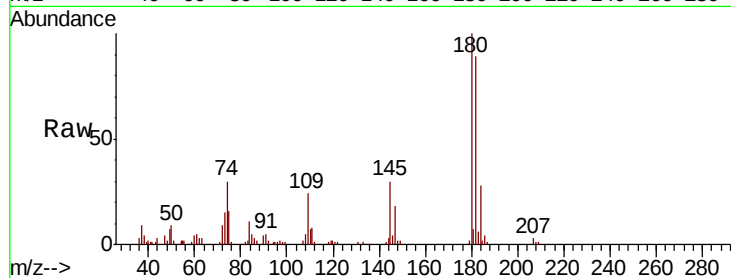




#93
 1,2,4-Trichlorobenzene
 Concen: 17.296 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

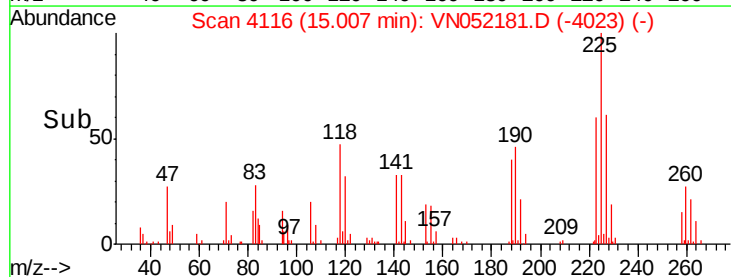
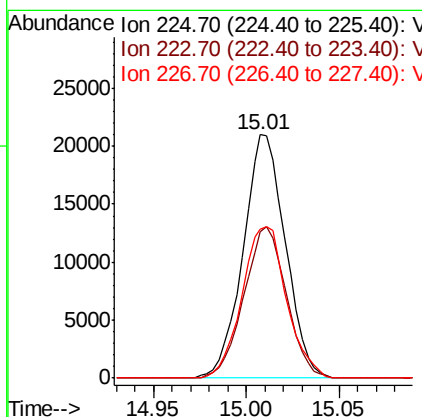
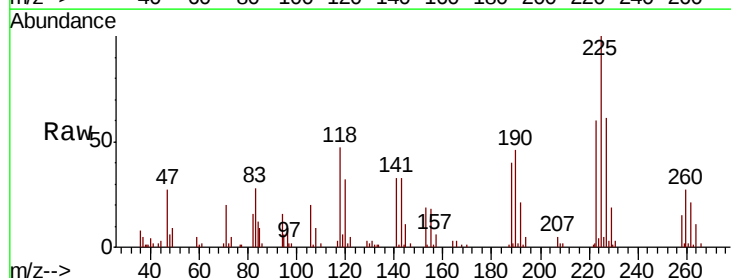
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS02

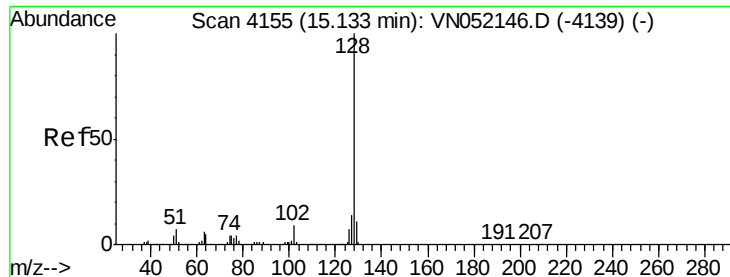
Tgt Ion:180 Resp: 51894
 Ion Ratio Lower Upper
 180 100
 182 95.5 49.1 147.4
 145 30.4 16.4 49.2



#94
 Hexachlorobutadiene
 Concen: 19.994 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN052181.D
 Acq: 6 Nov 2018 10:21

Tgt Ion:225 Resp: 33130
 Ion Ratio Lower Upper
 225 100
 223 62.5 33.1 99.3
 227 65.7 32.6 97.8





#95

Naphthalene

Concen: 16.902 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS02

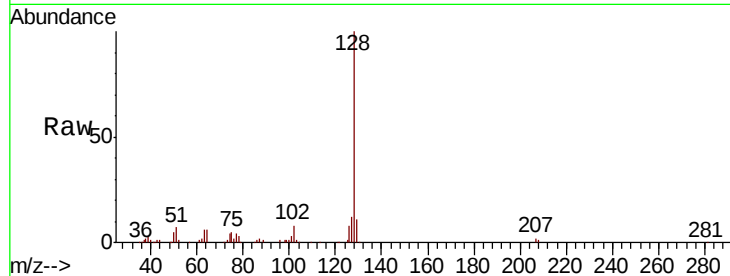
Tgt Ion:128 Resp: 120811

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

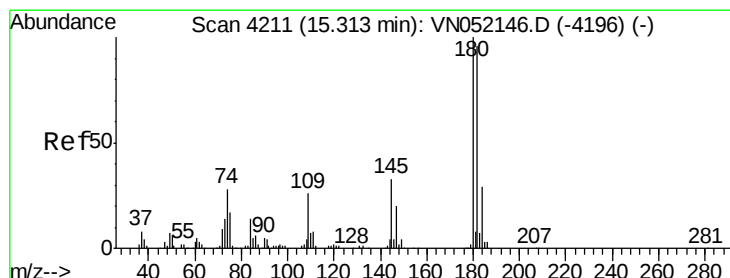
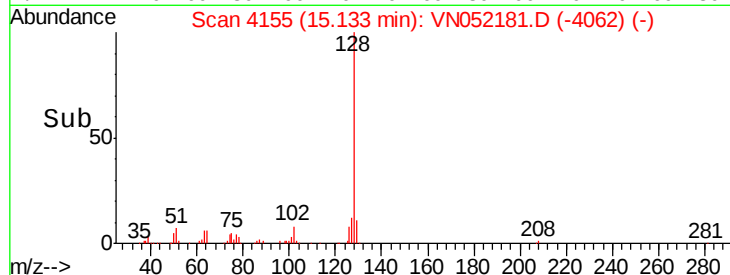
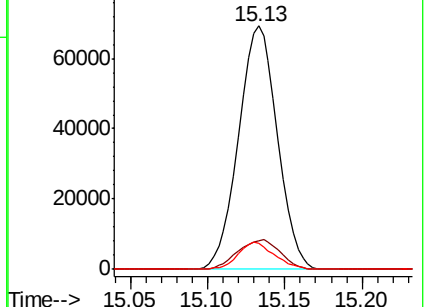
129 10.4 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.184 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052181.D

Acq: 6 Nov 2018 10:21

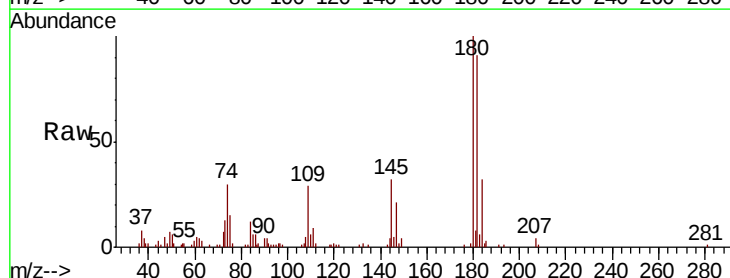
Tgt Ion:180 Resp: 48313

Ion Ratio Lower Upper

180 100

182 96.5 47.2 141.6

145 33.1 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

