

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050101.D
 Acq On : 26 Jul 2018 23:56
 Operator : MD\SY
 Sample : VN0725WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBSD02

Quant Time: Jul 27 04:02:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	638544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	979150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	881973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	434649	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	442611	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.59	113	388660	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	10.09	98	1435022	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.40	95	469637	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	187910	20.48	ug/l	99
3) Chloromethane	2.06	50	186011	18.65	ug/l	100
4) Vinyl Chloride	2.18	62	197193	18.78	ug/l	98
5) Bromomethane	2.56	94	85142	13.87	ug/l	100
6) Chloroethane	2.70	64	117064	18.56	ug/l	99
7) Trichlorofluoromethane	3.01	101	256891	18.88	ug/l	98
8) Diethyl Ether	3.41	74	89833	19.81	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	152432	18.63	ug/l	99
10) Methyl Iodide	3.95	142	113530	10.81	ug/l	97
11) Tert butyl alcohol	4.80	59	63779	97.30	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	141599	19.24	ug/l	98
13) Acrolein	3.61	56	27453	52.12	ug/l	99
14) Allyl chloride	4.32	41	216593	18.98	ug/l	99
15) Acrylonitrile	5.00	53	274521	95.99	ug/l	99
16) Acetone	3.82	43	204997	94.99	ug/l	98
17) Carbon Disulfide	4.05	76	403750	17.91	ug/l	100
18) Methyl Acetate	4.33	43	186120	21.89	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	402474	20.52	ug/l	98
20) Methylene Chloride	4.55	84	163247	19.91	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	150567	19.31	ug/l	97
22) Diisopropyl ether	5.96	45	471915	20.86	ug/l	95
23) Vinyl Acetate	5.90	43	1567347	98.02	ug/l	100
24) 1,1-Dichloroethane	5.85	63	289774	19.58	ug/l	99
25) 2-Butanone	6.85	43	320955	94.45	ug/l	99
26) 2,2-Dichloropropane	6.83	77	167884	14.91	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	169912	20.24	ug/l	97
28) Bromochloromethane	7.20	49	135472	20.07	ug/l	98
29) Tetrahydrofuran	7.22	42	214056	97.48	ug/l	99
30) Chloroform	7.37	83	293369	19.43	ug/l	99
31) Cyclohexane	7.66	56	236361	19.22	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	251060	19.44	ug/l	100
36) 1,1-Dichloropropene	7.80	75	215633	19.55	ug/l	99
37) Ethyl Acetate	6.94	43	148894	19.36	ug/l	99
38) Carbon Tetrachloride	7.78	117	217927	18.62	ug/l	99

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 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VN0726WBSD02

Quant Time: Jul 27 04:02:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.09	83	212531	18.73	ug/l	99
40) Benzene	8.05	78	653896	19.48	ug/l	99
41) Methacrylonitrile	7.18	41	76197	20.72	ug/l #	79
42) 1,2-Dichloroethane	8.13	62	213330	19.05	ug/l	100
43) Isopropyl Acetate	8.17	43	296993	19.80	ug/l #	92
44) Trichloroethene	8.84	130	170697	18.92	ug/l	98
45) 1,2-Dichloropropane	9.12	63	171700	19.31	ug/l	99
46) Dibromomethane	9.21	93	106665	19.32	ug/l	99
47) Bromodichloromethane	9.41	83	219668	18.85	ug/l	98
48) Methyl methacrylate	9.20	41	128870	19.46	ug/l	98
49) 1,4-Dioxane	9.20	88	34906	387.22	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	737793	97.58	ug/l	100
52) Toluene	10.16	92	399349	20.15	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	206803	18.81	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	238894	19.01	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	150738	19.18	ug/l	99
56) Ethyl methacrylate	10.43	69	186515	18.84	ug/l	99
57) 1,3-Dichloropropane	10.71	76	249393	19.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	427549	91.55	ug/l	100
59) 2-Hexanone	10.75	43	486134	90.86	ug/l	99
60) Dibromochloromethane	10.90	129	166099	19.09	ug/l	98
61) 1,2-Dibromoethane	11.01	107	149153	19.13	ug/l	100
64) Tetrachloroethene	10.63	164	168878	19.92	ug/l	98
65) Chlorobenzene	11.44	112	428404	19.23	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	160624	18.76	ug/l	98
67) Ethyl Benzene	11.51	91	711167	19.87	ug/l	99
68) m/p-Xylenes	11.62	106	556881	41.14	ug/l	99
69) o-Xylene	11.95	106	268829	20.83	ug/l	98
70) Styrene	11.97	104	422028	18.97	ug/l	99
71) Bromoform	12.13	173	117102	18.81	ug/l #	99
73) Isopropylbenzene	12.25	105	703699	20.88	ug/l	99
74) N-amyl acetate	12.07	43	200078	19.42	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	193152	20.41	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	228340	28.27	ug/l #	100
77) Bromobenzene	12.53	156	184078	19.70	ug/l	99
78) n-propylbenzene	12.59	91	795229	21.11	ug/l	99
79) 2-Chlorotoluene	12.68	91	486260	20.82	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	579945	21.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	43321	17.01	ug/l	94
82) 4-Chlorotoluene	12.78	91	476973	20.62	ug/l	99
83) tert-Butylbenzene	13.00	119	497640	21.51	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	589704	22.06	ug/l	100
85) sec-Butylbenzene	13.17	105	656579	21.24	ug/l	100
86) p-Isopropyltoluene	13.29	119	561900	21.57	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	315404	19.91	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	300318	19.45	ug/l	99
89) n-Butylbenzene	13.62	91	435741	20.34	ug/l	98
90) Hexachloroethane	13.88	117	107273	18.54	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	311869	19.70	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30583	19.87	ug/l	99

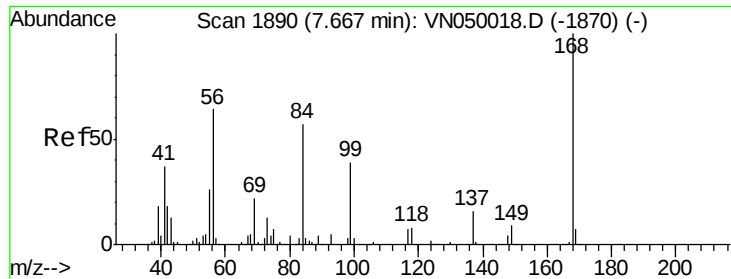
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050101.D
Acq On : 26 Jul 2018 23:56
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Instrument :
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Quant Time: Jul 27 04:02:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139232	18.64	ug/l	98
94) Hexachlorobutadiene	15.01	225	93860	19.37	ug/l	99
95) Naphthalene	15.14	128	310044	18.66	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	146881	19.37	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

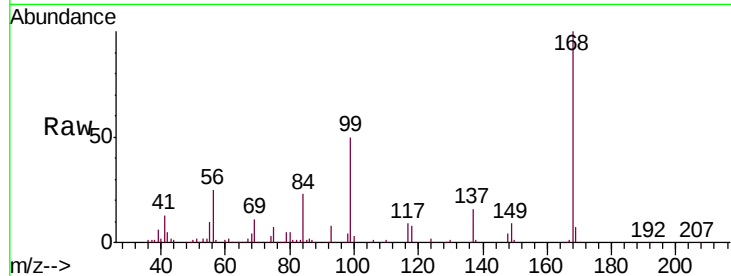
VN0726WBSD02

Tot Ion:168 Resp: 638544

Ion Ratio Lower Upper

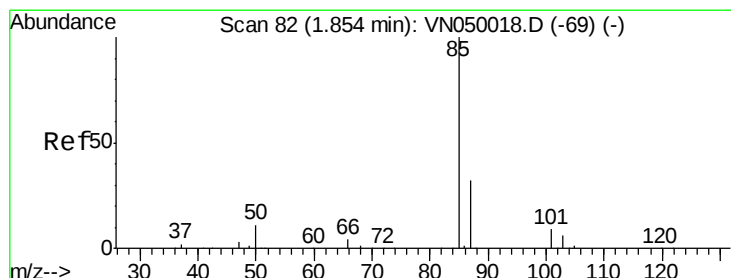
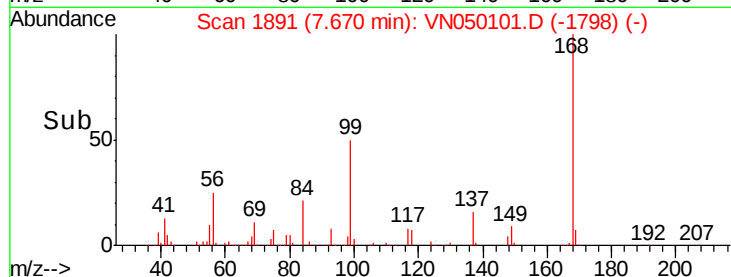
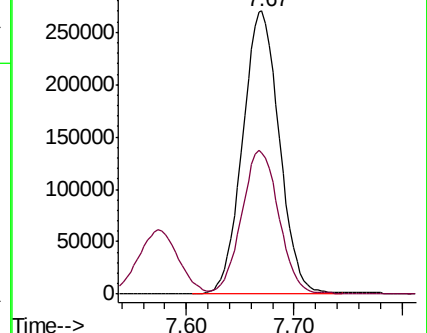
168 100

99 49.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.48 ug/l

RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN050101.D

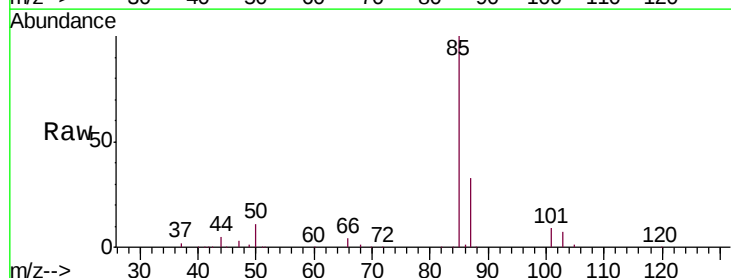
Acq: 26 Jul 2018 23:56

Tgt Ion: 85 Resp: 187910

Ion Ratio Lower Upper

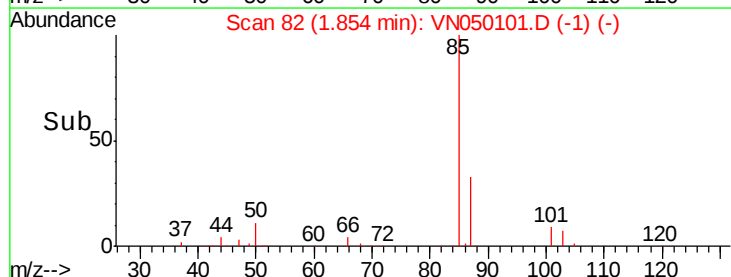
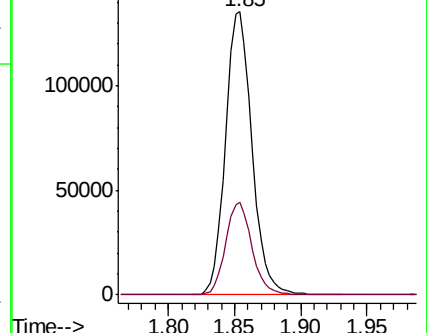
85 100

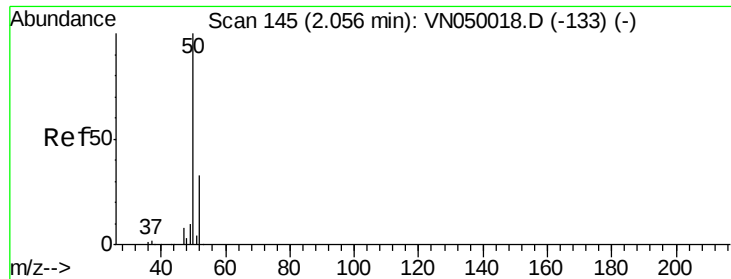
87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

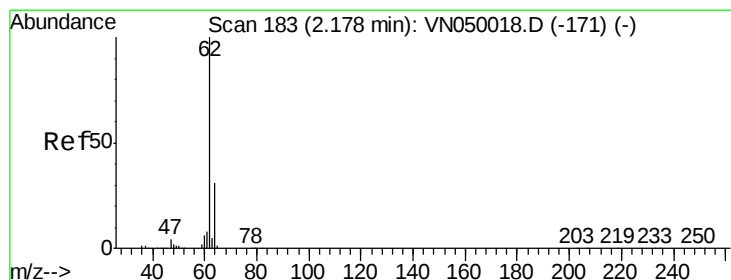
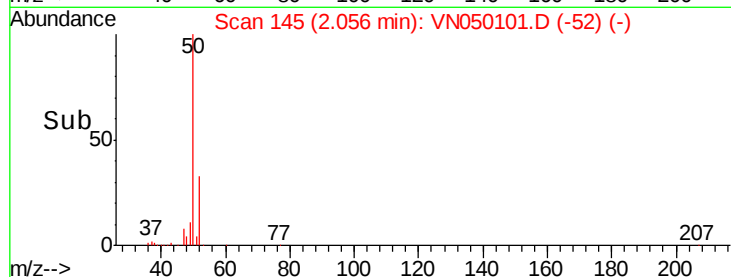
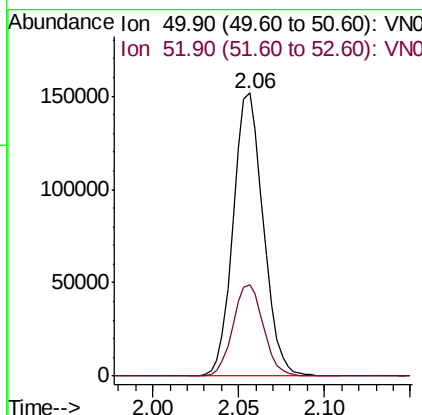
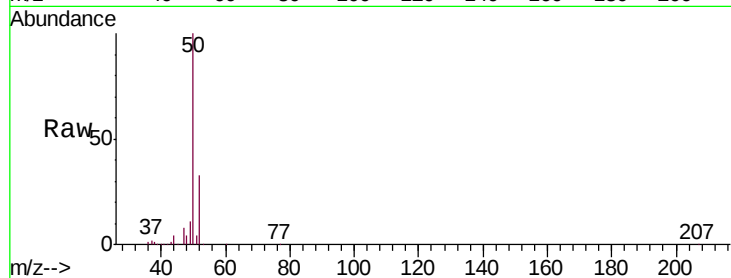




#3
Chloromethane
Concen: 18.65 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

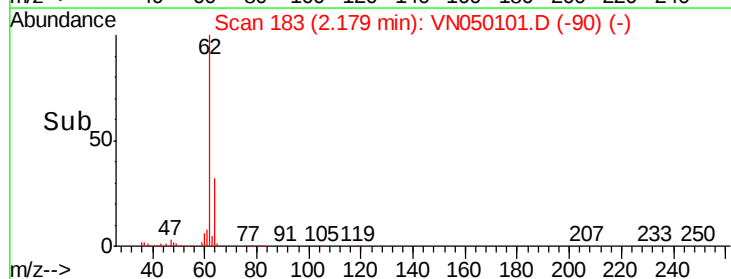
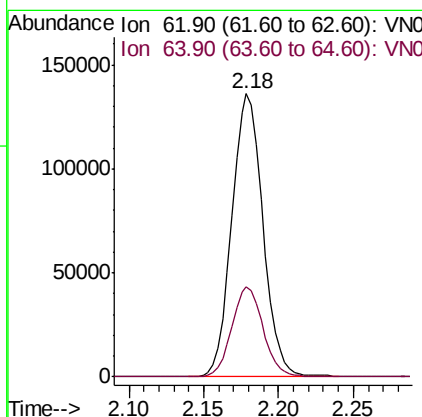
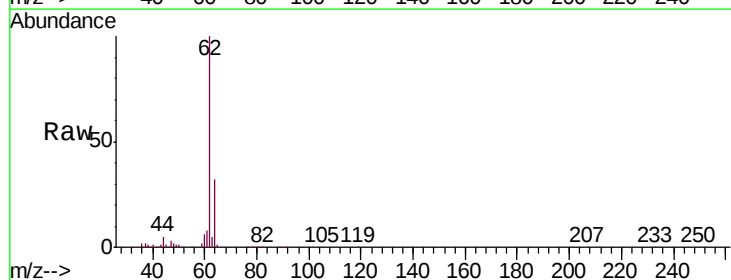
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBSD02

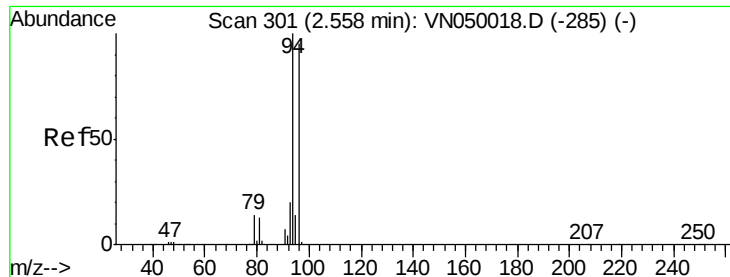
Tot Ion: 50 Resp: 186011
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9



#4
Vinyl Chloride
Concen: 18.78 ug/l
RT: 2.18 min Scan# 183
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion: 62 Resp: 197193
Ion Ratio Lower Upper
62 100
64 32.1 24.7 37.1





#5

Bromomethane

Concen: 13.87 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

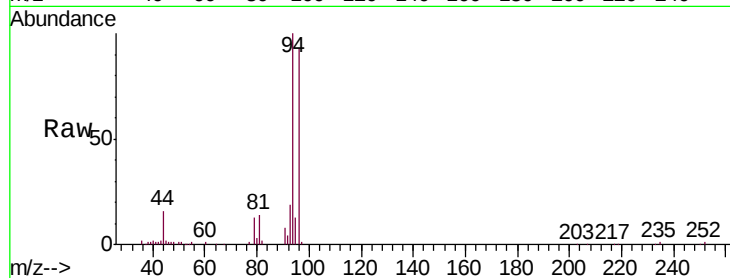
VN0726WBSD02

Tot Ion: 94 Resp: 85142

Ion Ratio Lower Upper

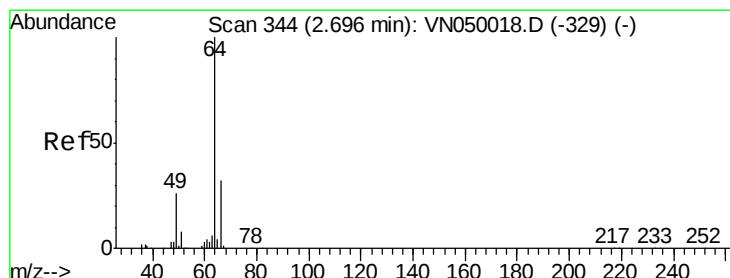
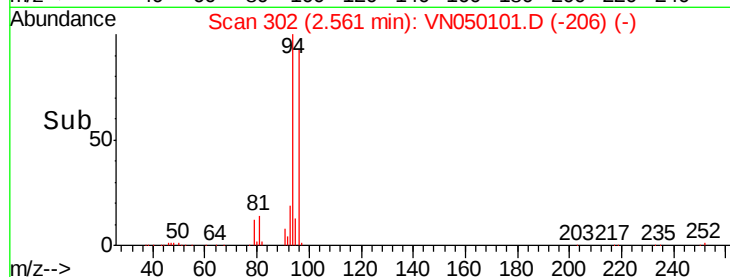
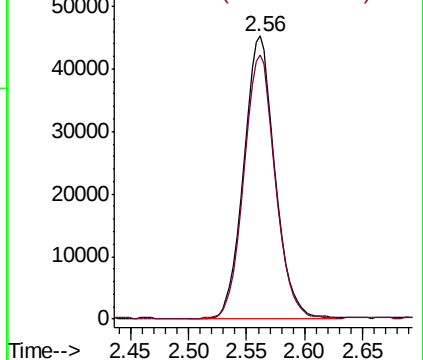
94 100

96 93.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 18.56 ug/l

RT: 2.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VN050101.D

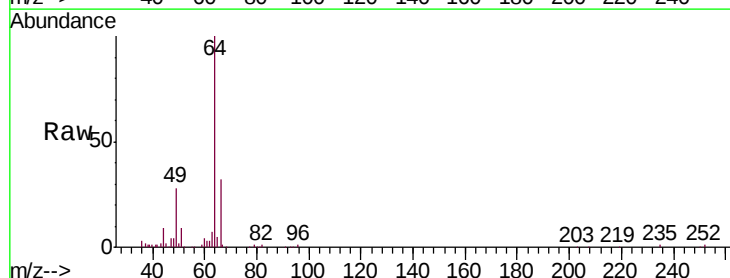
Acq: 26 Jul 2018 23:56

Tgt Ion: 64 Resp: 117064

Ion Ratio Lower Upper

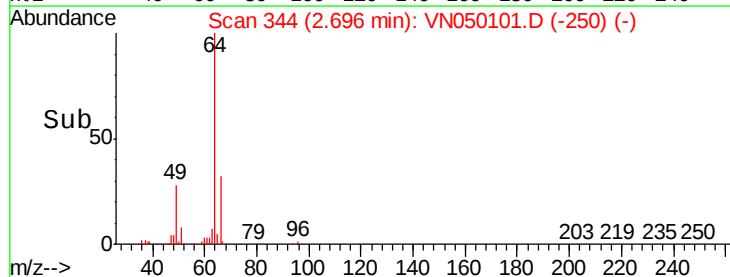
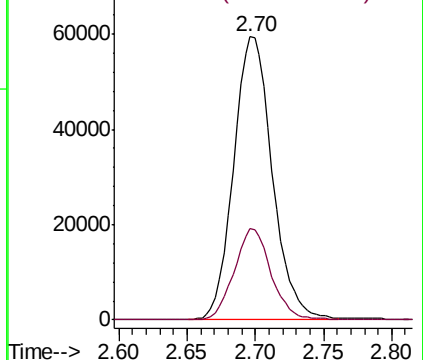
64 100

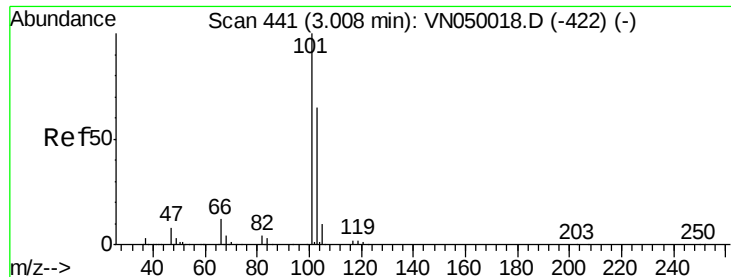
66 32.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



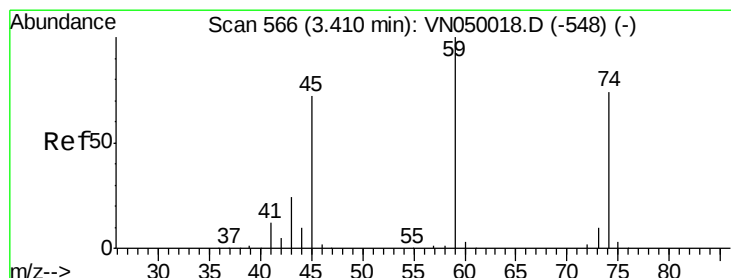
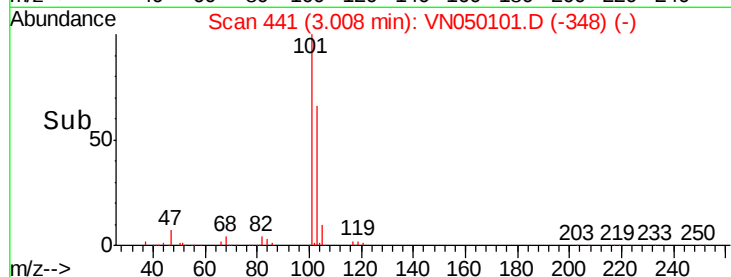
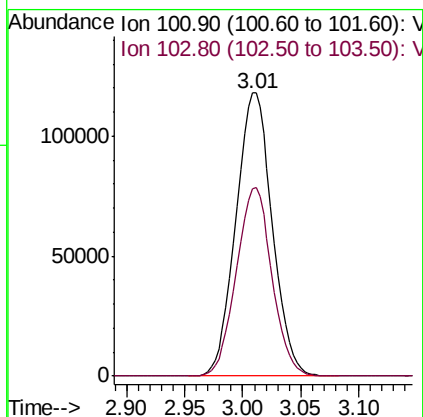
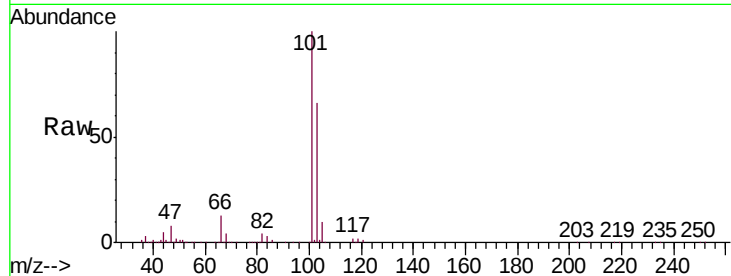


#7

Trichlorofluoromethane
Concen: 18.88 ug/l
RT: 3.01 min Scan# 441
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Instrument :
MSVOA_N
ClientSampled :
VN0726WBSD02

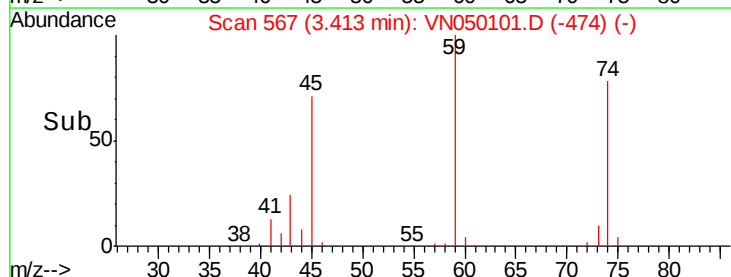
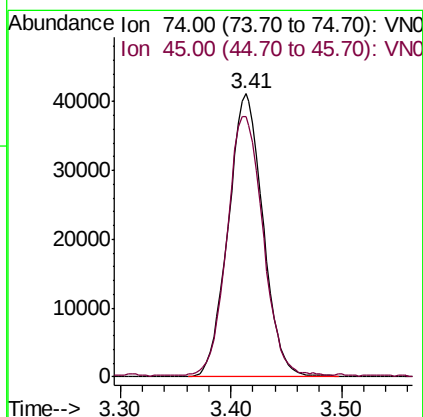
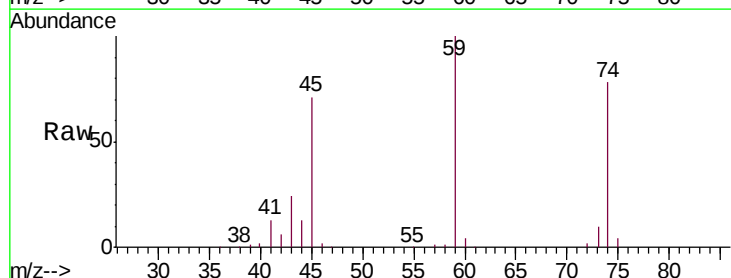
Tot Ion:101 Resp: 256891
Ion Ratio Lower Upper
101 100
103 66.1 51.7 77.5

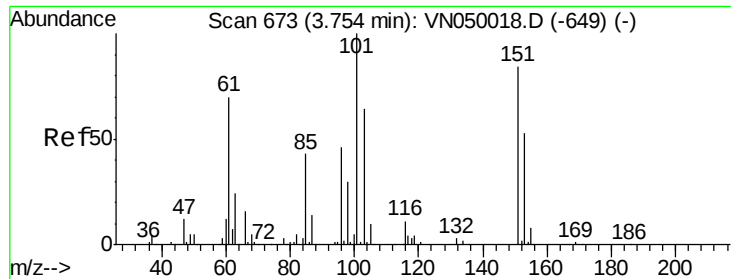


#8

Diethyl Ether
Concen: 19.81 ug/l
RT: 3.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion: 74 Resp: 89833
Ion Ratio Lower Upper
74 100
45 94.8 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.63 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

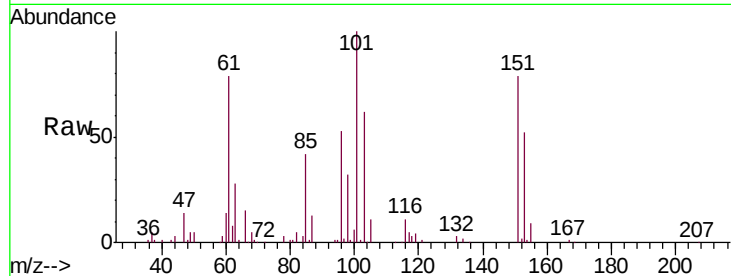
Tot Ion:101 Resp: 152432

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.2

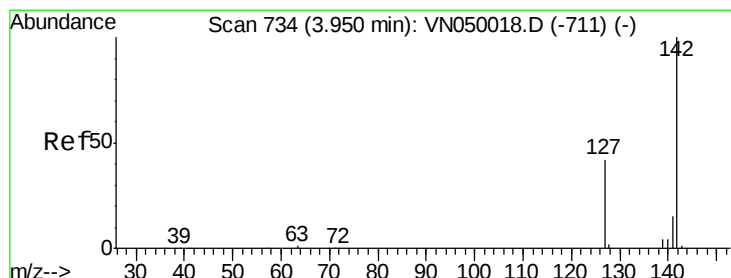
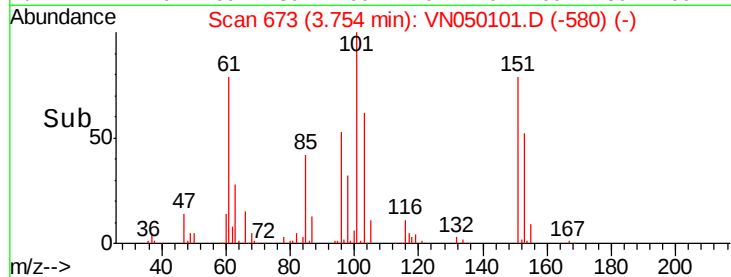
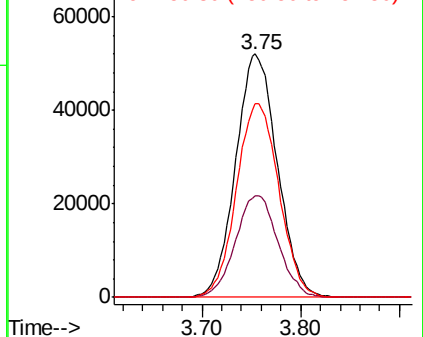
151 81.1 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.81 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

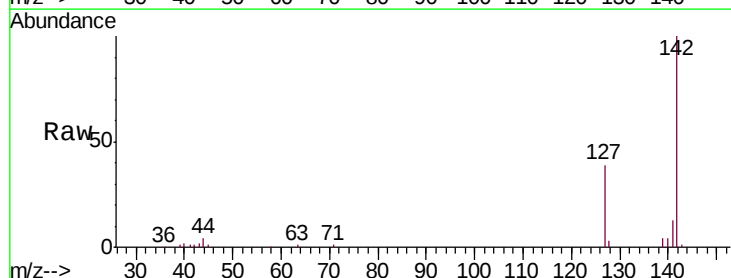
Tgt Ion:142 Resp: 113530

Ion Ratio Lower Upper

142 100

127 39.8 33.4 50.2

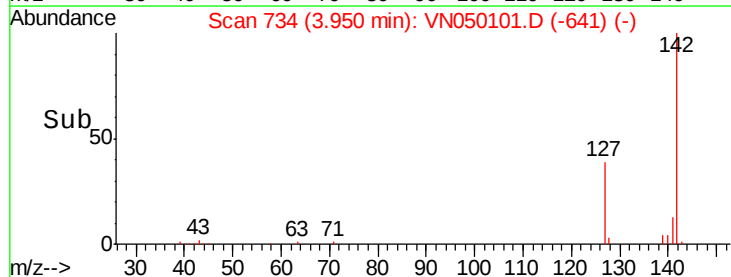
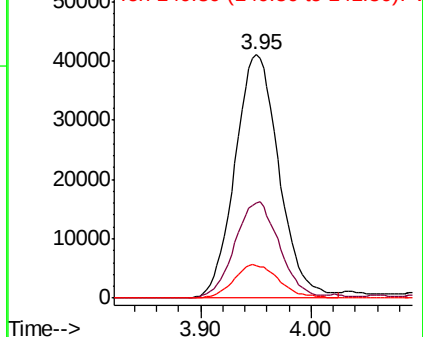
141 14.1 11.6 17.4

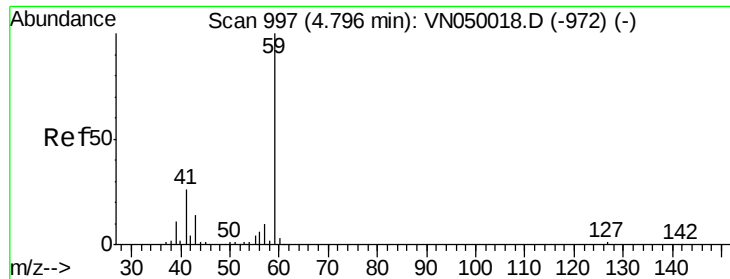


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



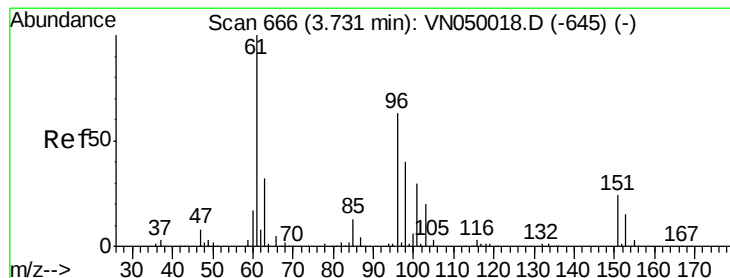
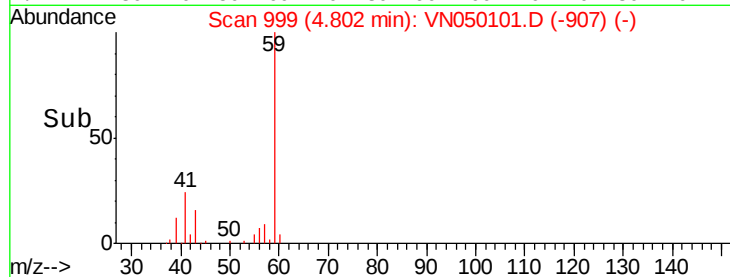
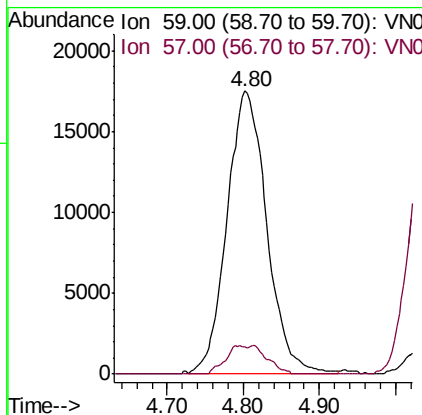
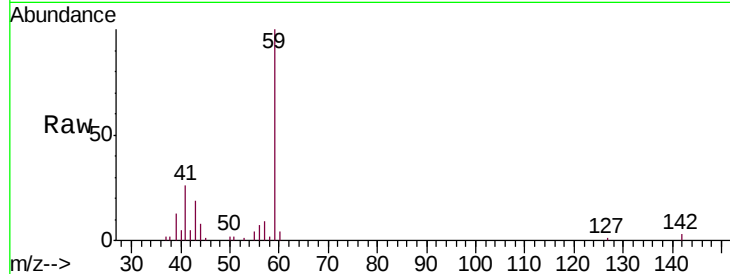


#11

Tert butyl alcohol
 Concen: 97.30 ug/l
 RT: 4.80 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBSD02

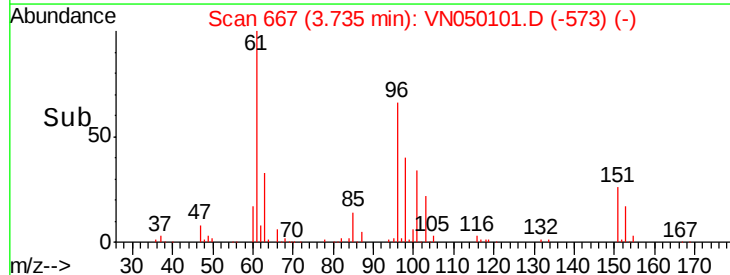
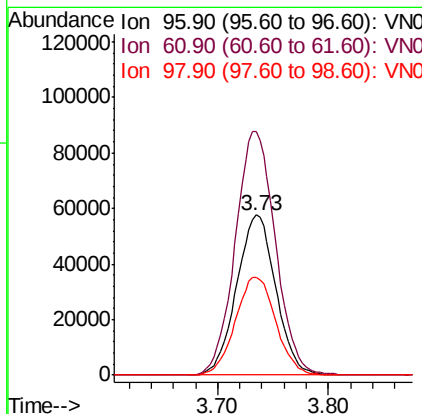
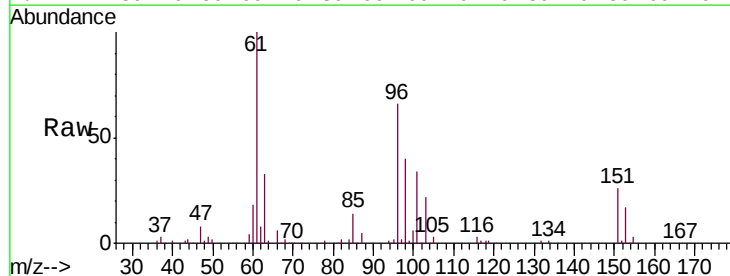
Tot Ion: 59 Resp: 63779
 Ion Ratio Lower Upper
 59 100
 57 5.5 8.5 12.7#

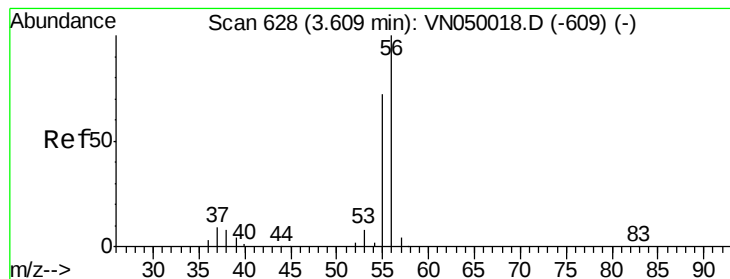


#12

1,1-Dichloroethene
 Concen: 19.24 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

Tgt Ion: 96 Resp: 141599
 Ion Ratio Lower Upper
 96 100
 61 152.1 124.4 186.6
 98 61.0 48.3 72.5





#13

Acrolein

Concen: 52.12 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

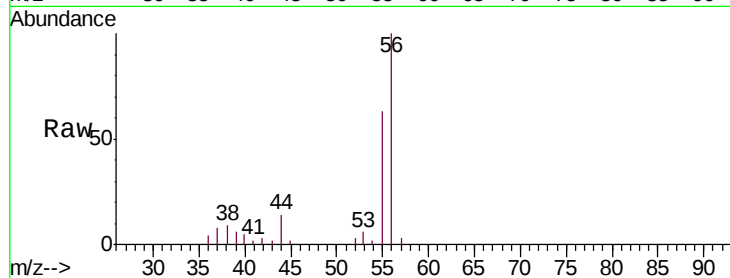
VN0726WBSD02

Tot Ion: 56 Resp: 27453

Ion Ratio Lower Upper

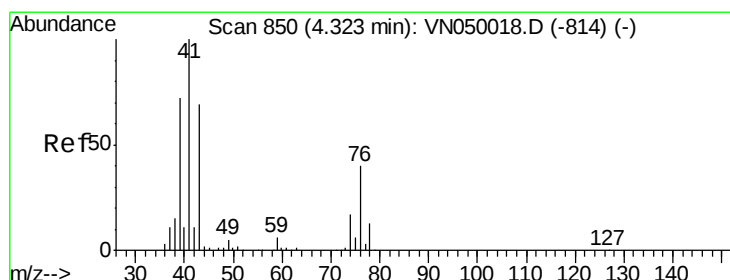
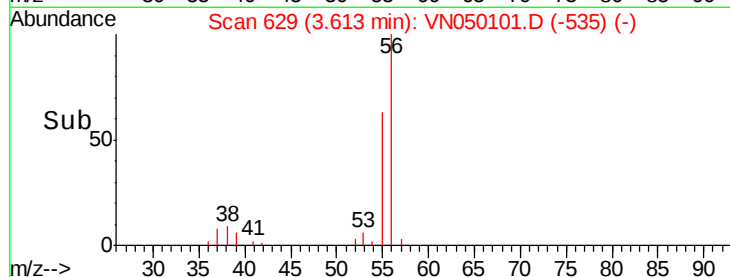
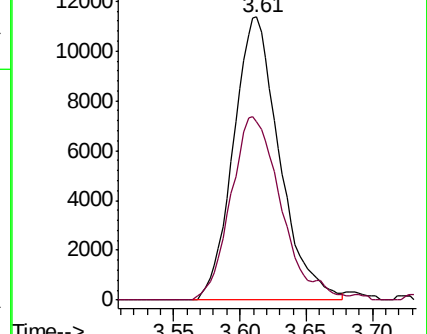
56 100

55 70.8 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.98 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

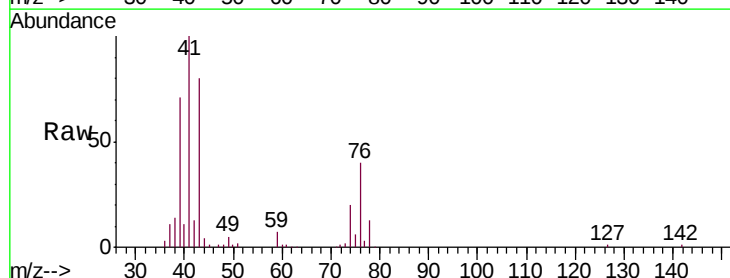
Tgt Ion: 41 Resp: 216593

Ion Ratio Lower Upper

41 100

39 69.1 54.2 81.4

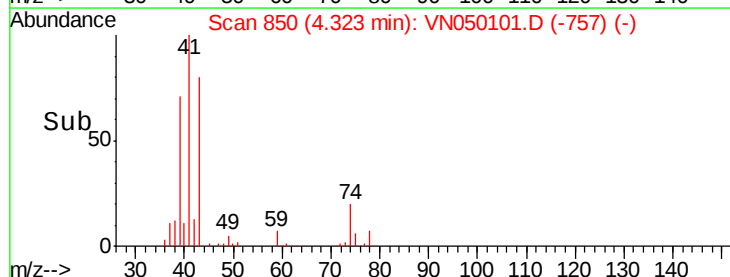
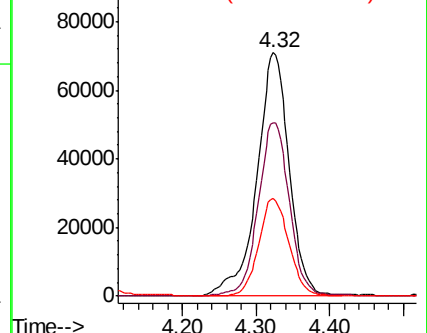
76 36.7 29.0 43.6

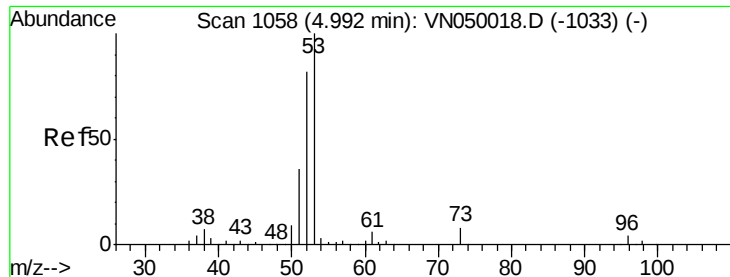


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.99 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

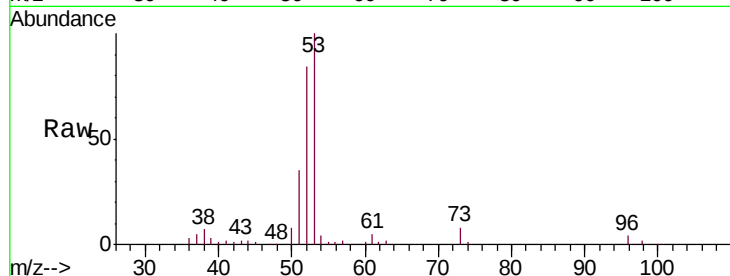
Tot Ion: 53 Resp: 274521

Ion Ratio Lower Upper

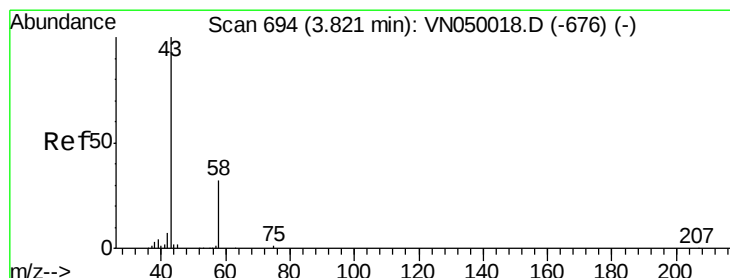
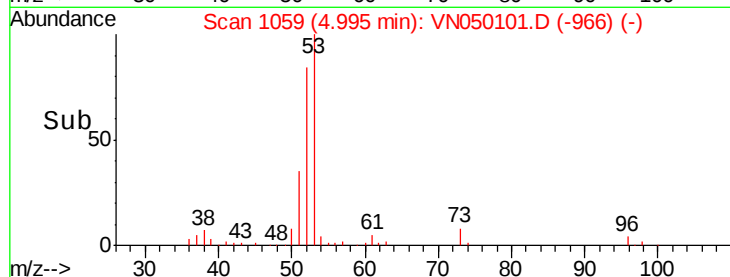
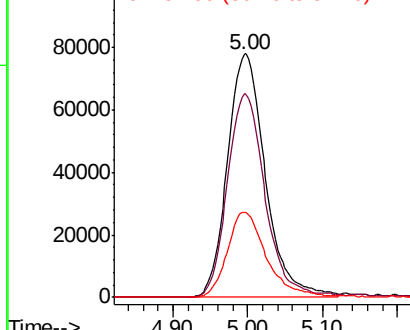
53 100

52 83.3 66.2 99.2

51 36.4 29.3 43.9



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: 94.99 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050101.D

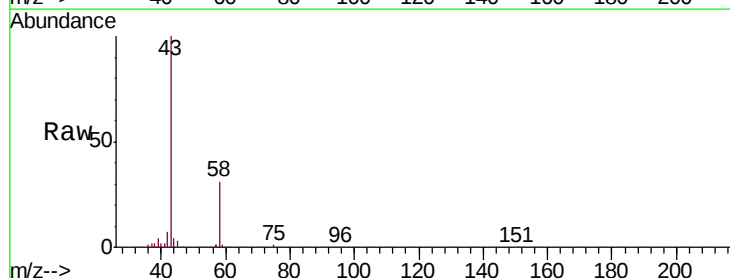
Acq: 26 Jul 2018 23:56

Tgt Ion: 43 Resp: 204997

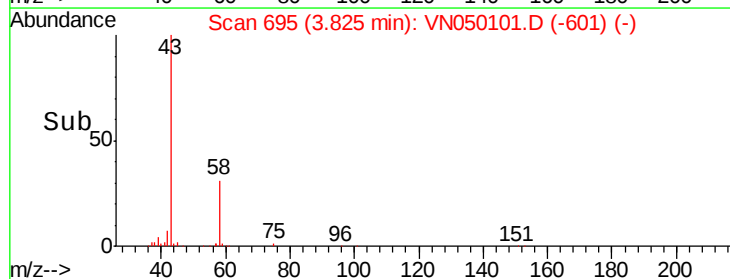
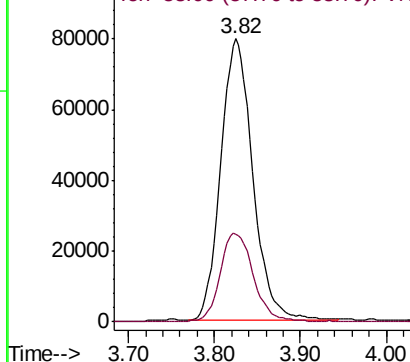
Ion Ratio Lower Upper

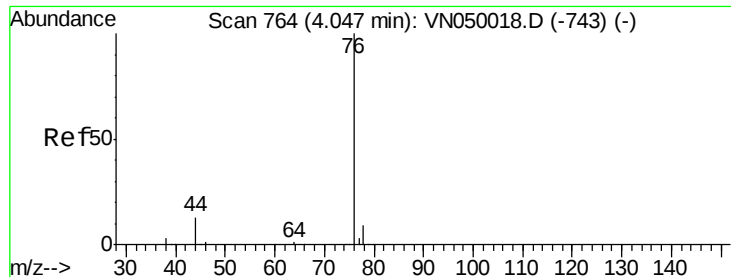
43 100

58 31.0 25.8 38.8



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

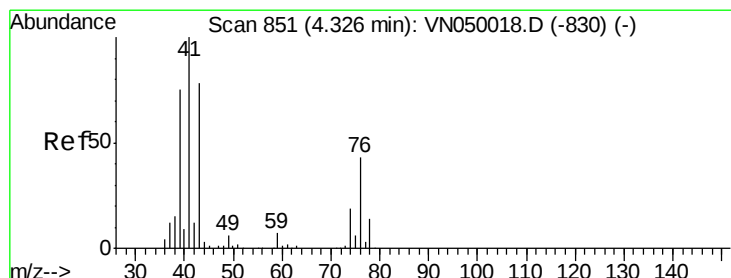
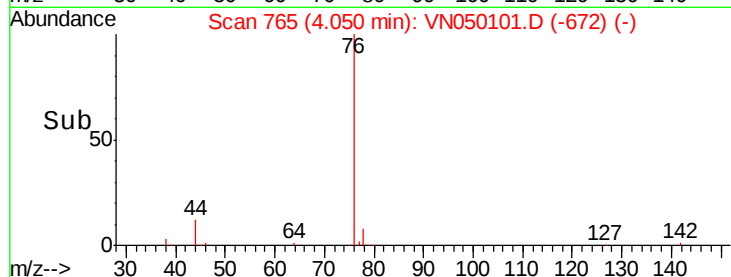
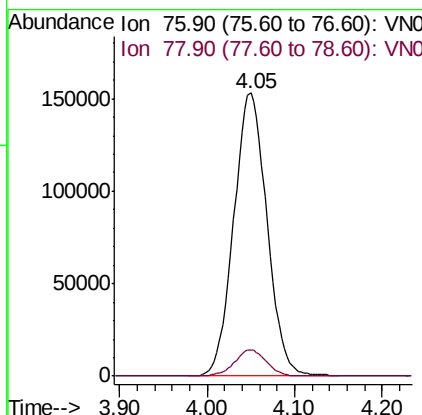
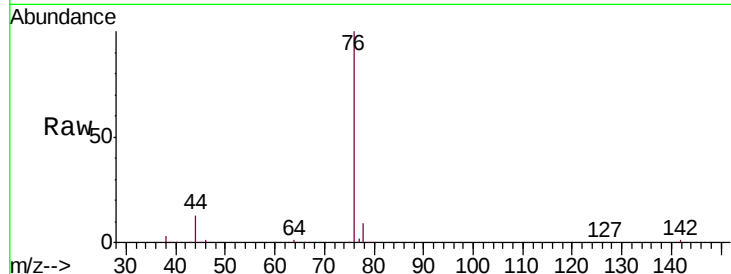




#17
Carbon Disulfide
Concen: 17.91 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

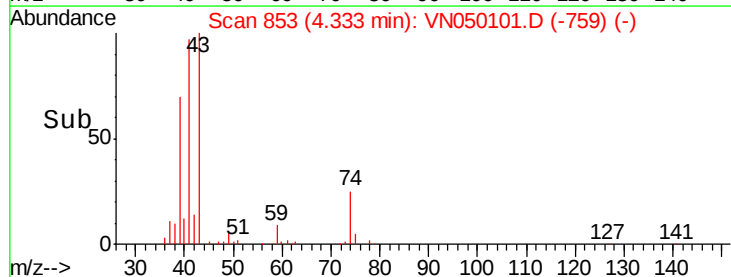
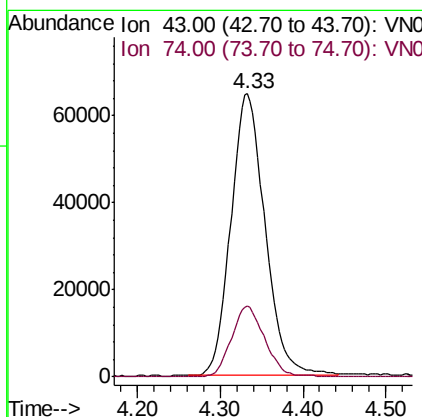
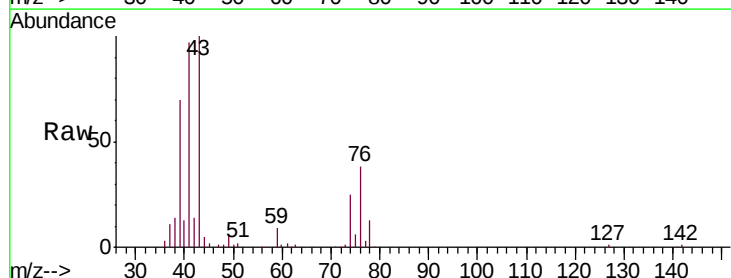
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBSD02

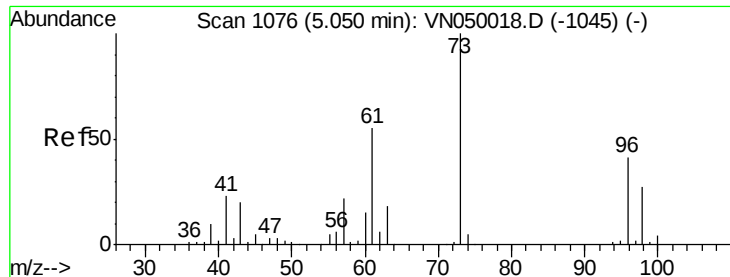
Tot Ion: 76 Resp: 403750
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 21.89 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion: 43 Resp: 186120
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8



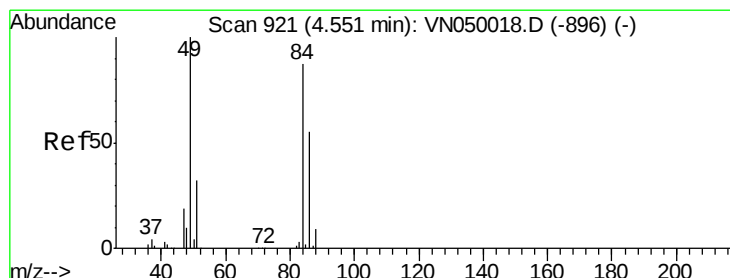
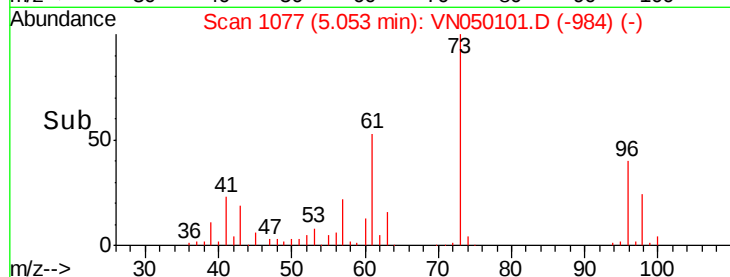
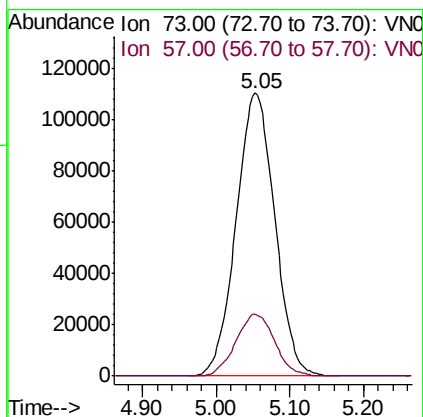
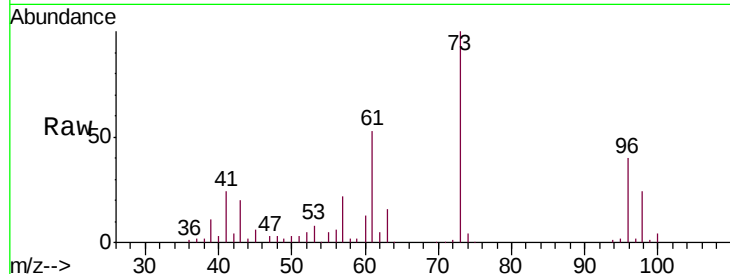


#19

Methyl tert-butyl Ether
 Concen: 20.52 ug/l
 RT: 5.05 min Scan# 1077
 Delta R.T. 0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBSD02

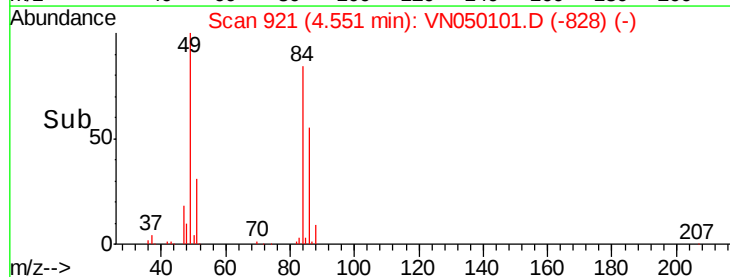
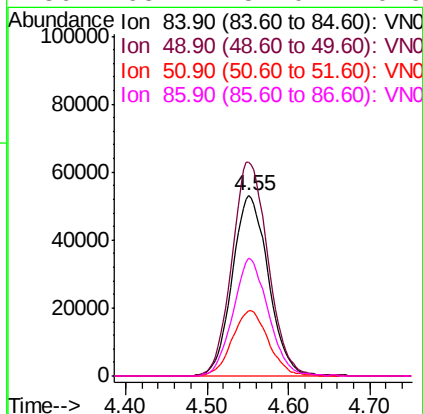
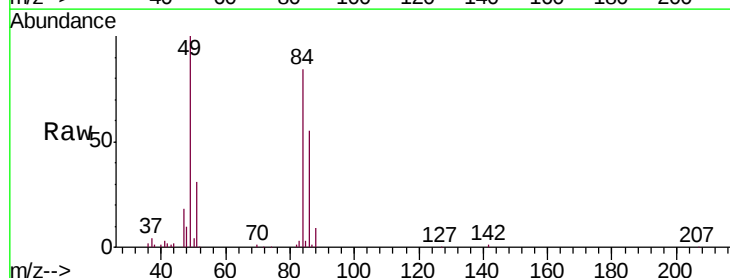
Tot Ion: 73 Resp: 402474
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.0 27.0

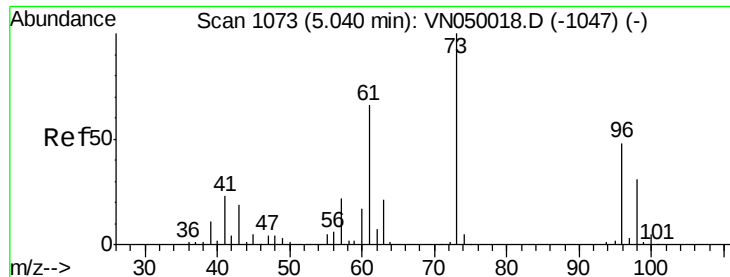


#20

Methylene Chloride
 Concen: 19.91 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

Tgt Ion: 84 Resp: 163247
 Ion Ratio Lower Upper
 84 100
 49 118.5 94.8 142.2
 51 36.2 28.3 42.5
 86 65.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.31 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

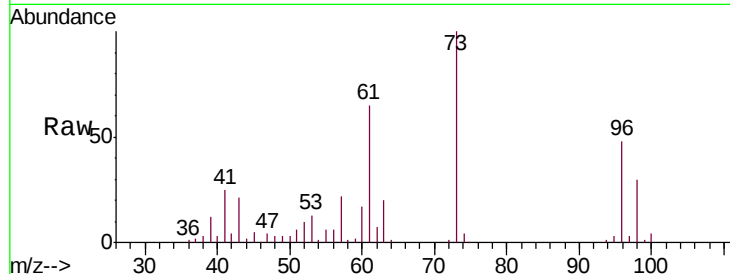
Tot Ion: 96 Resp: 150567

Ion Ratio Lower Upper

96 100

61 134.9 110.7 166.1

98 62.7 51.6 77.4

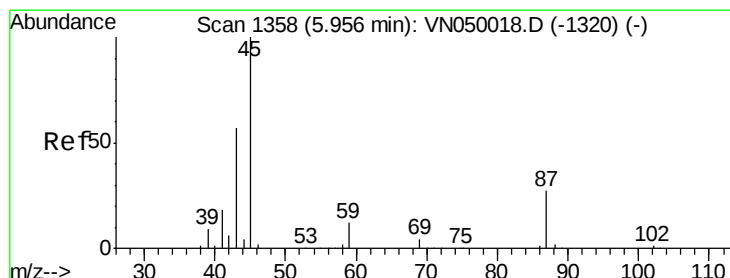
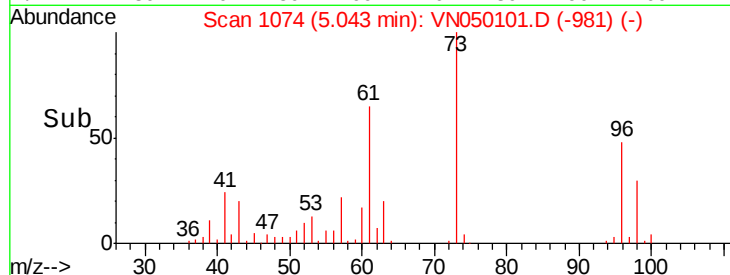
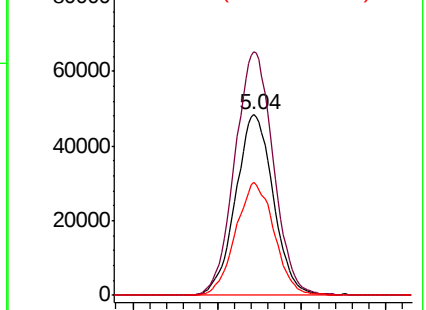


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 20.86 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Tgt Ion: 45 Resp: 471915

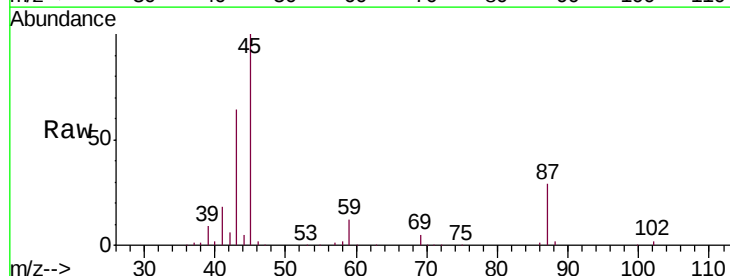
Ion Ratio Lower Upper

45 100

43 62.4 45.7 68.5

87 28.9 22.7 34.1

59 12.1 9.5 14.3



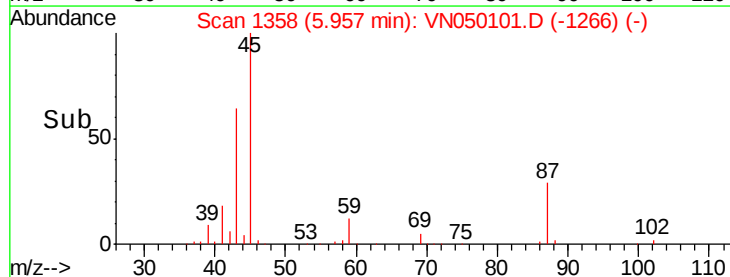
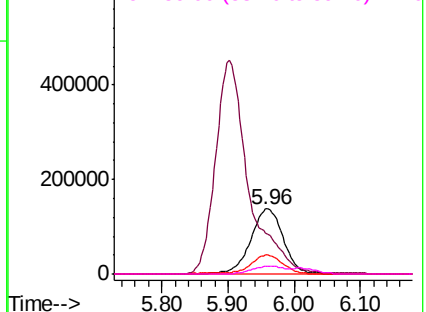
Abundance

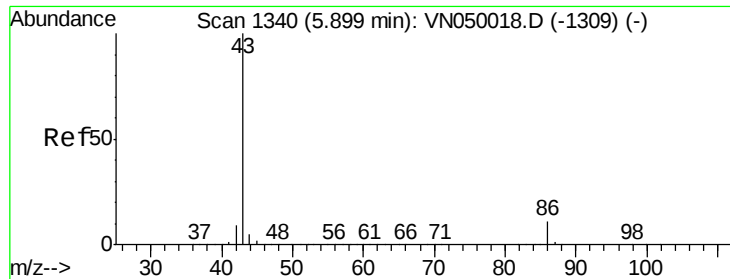
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO

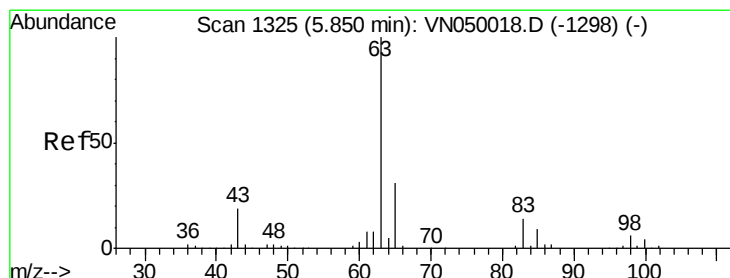
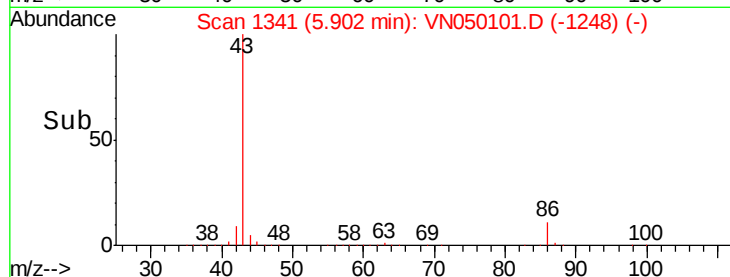
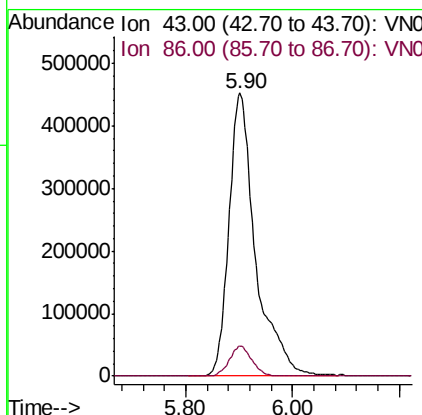
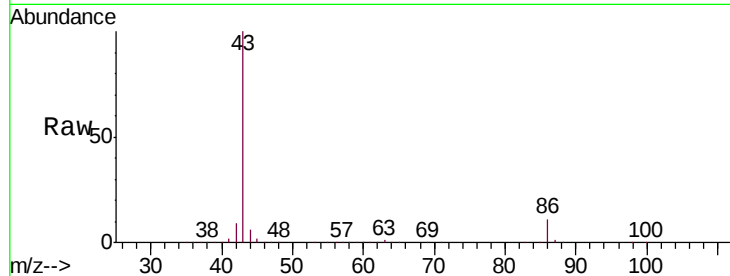




#23
 Vinyl Acetate
 Concen: 98.02 ug/l
 RT: 5.90 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

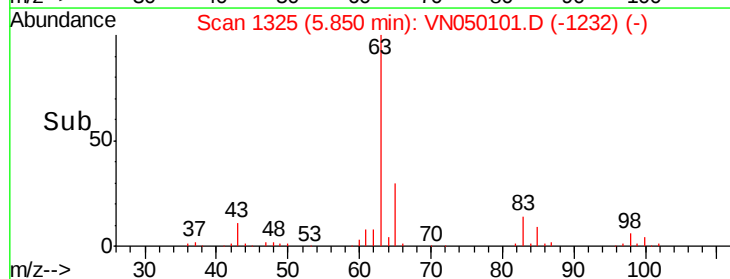
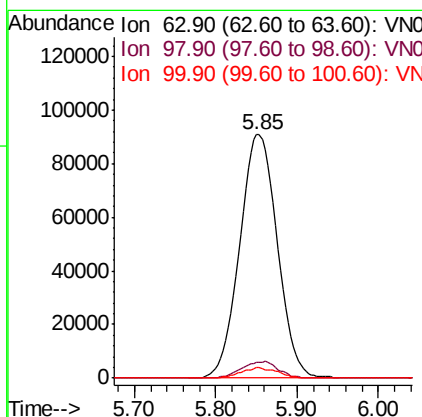
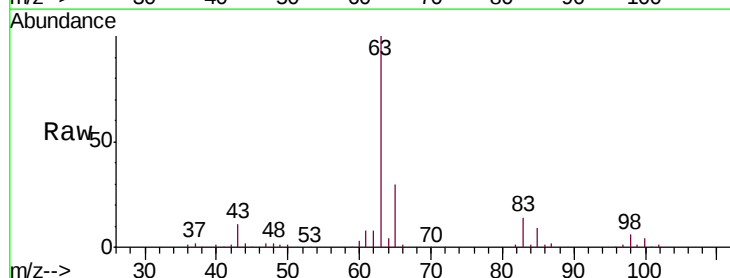
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBSD02

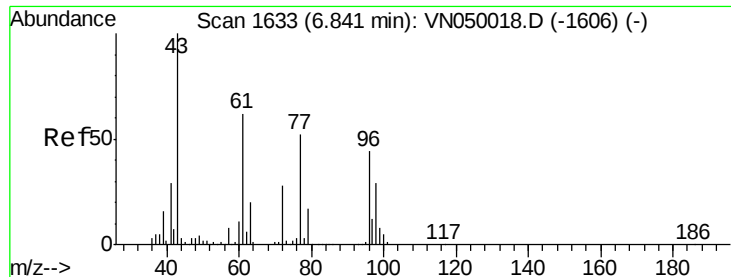
Tot Ion: 43 Resp: 1567347
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.58 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

Tgt Ion: 63 Resp: 289774
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.3 2.1 6.3

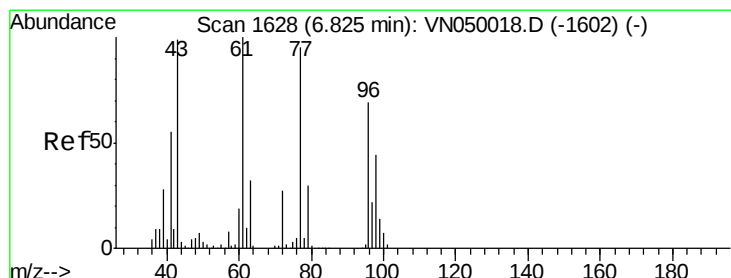
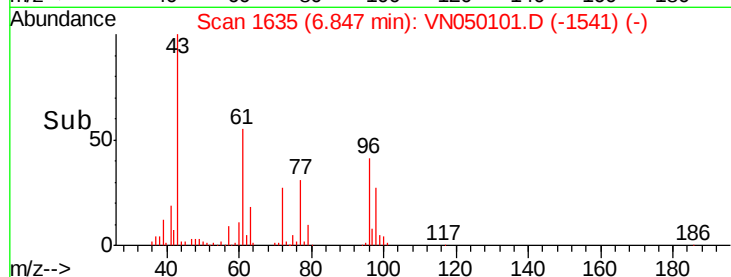
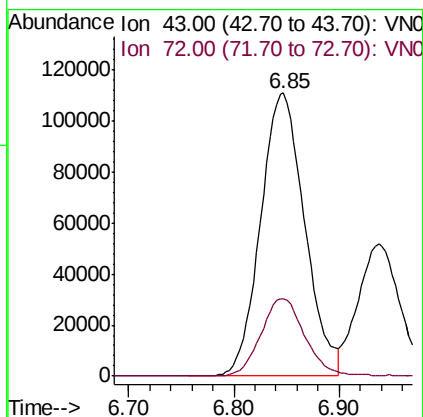
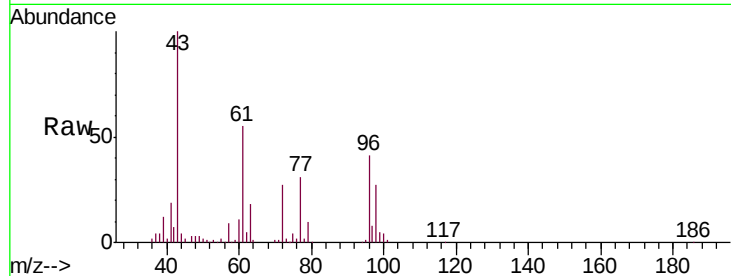




#25
 2-Butanone
 Concen: 94.45 ug/l
 RT: 6.85 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

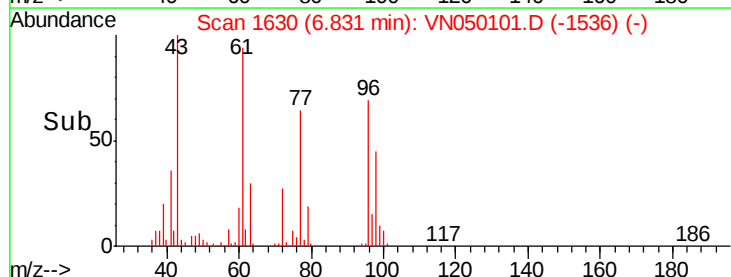
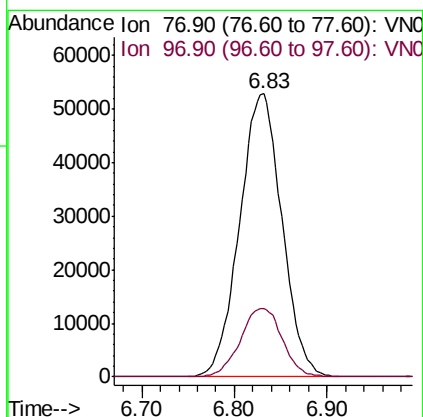
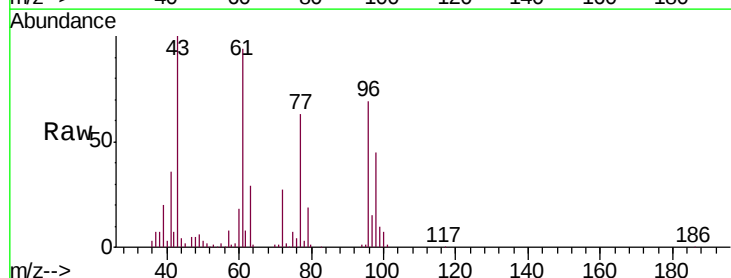
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBSD02

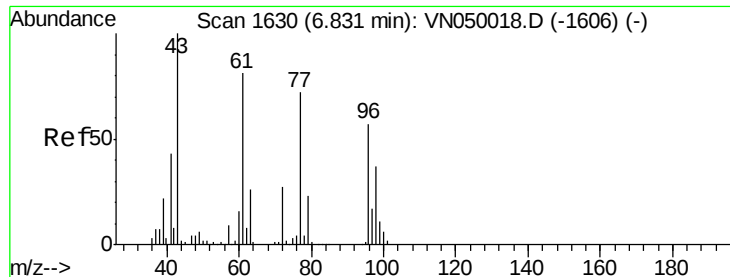
Tot Ion: 43 Resp: 320955
 Ion Ratio Lower Upper
 43 100
 72 27.3 21.5 32.3



#26
 2,2-Dichloropropane
 Concen: 14.91 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

Tgt Ion: 77 Resp: 167884
 Ion Ratio Lower Upper
 77 100
 97 24.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 20.24 ug/l

RT: 6.83 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

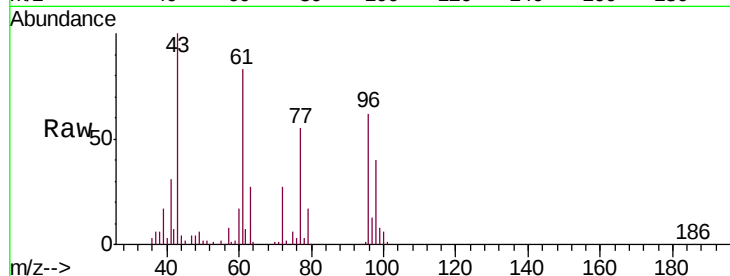
Tot Ion: 96 Resp: 169912

Ion Ratio Lower Upper

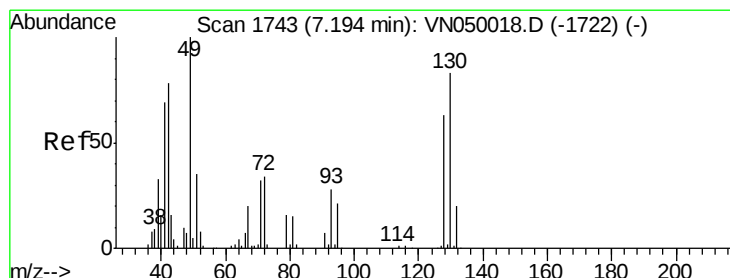
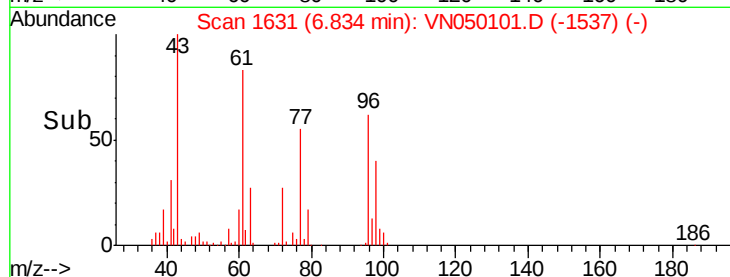
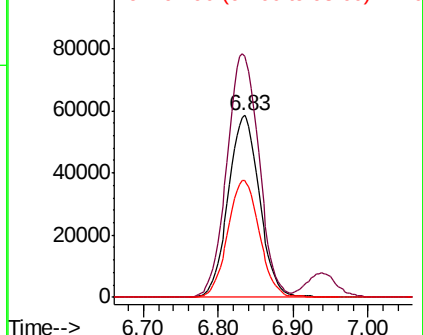
96 100

61 137.2 0.0 285.0

98 65.0 0.0 129.2



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



#28

Bromochloromethane

Concen: 20.07 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

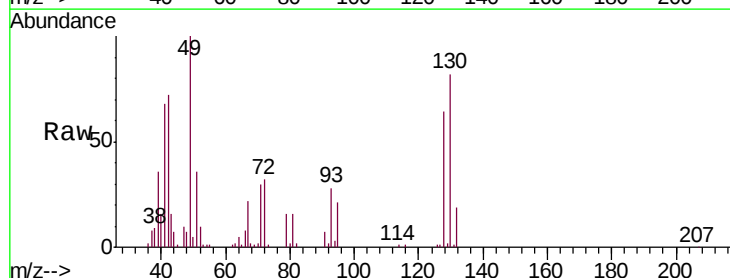
Tgt Ion: 49 Resp: 135472

Ion Ratio Lower Upper

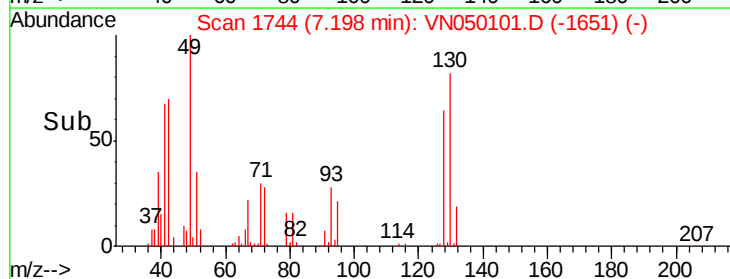
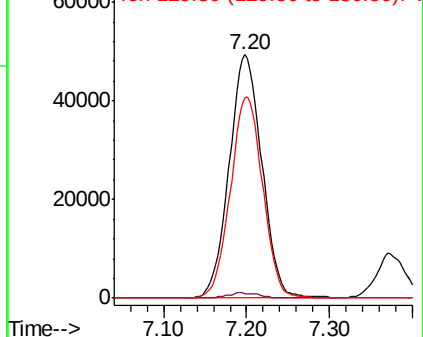
49 100

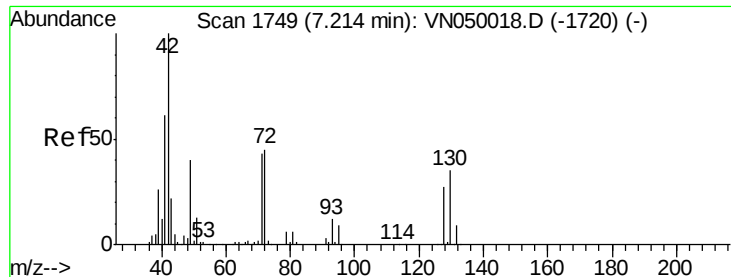
129 1.9 0.0 4.0

130 81.5 66.3 99.5



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

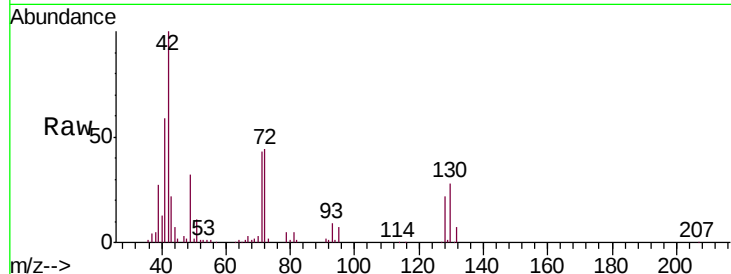




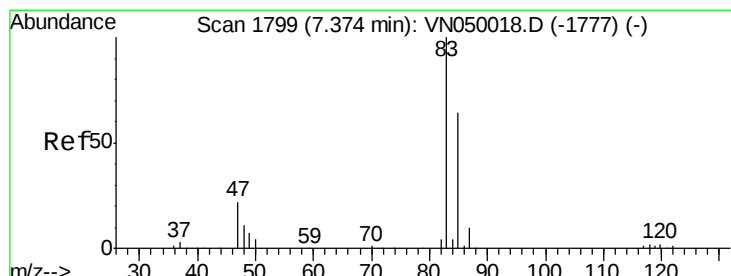
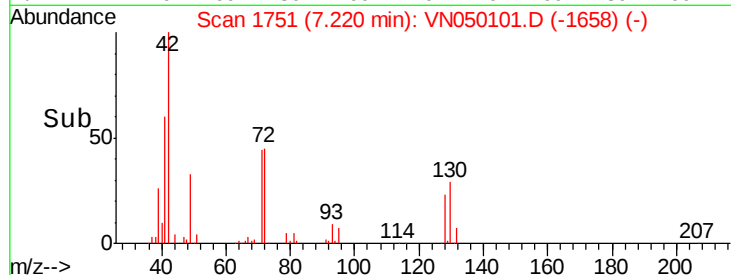
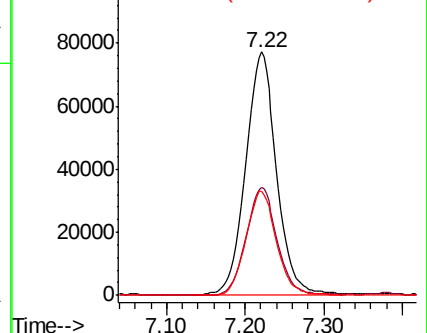
#29
Tetrahydrofuran
Concen: 97.48 ug/l
RT: 7.22 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN0726WBSD02

Tot Ion: 42 Resp: 214056
Ion Ratio Lower Upper
42 100
72 44.5 35.9 53.9
71 42.5 33.7 50.5

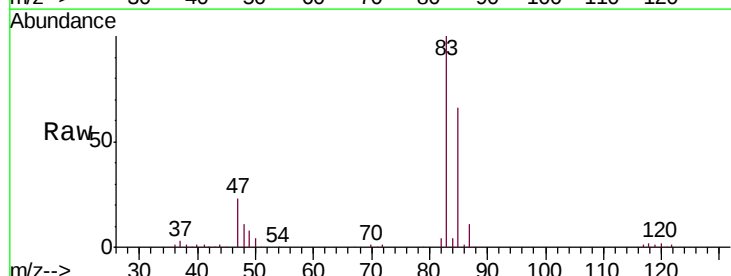


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

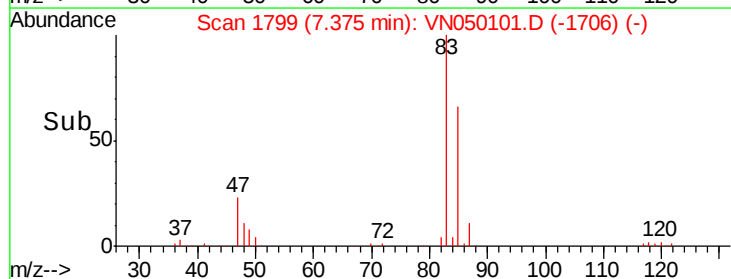
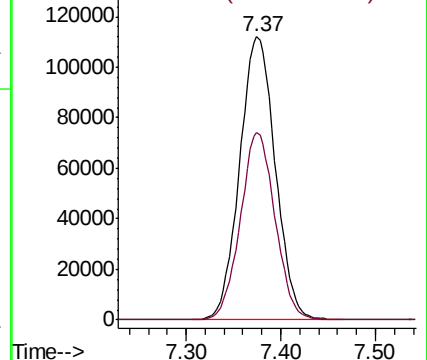


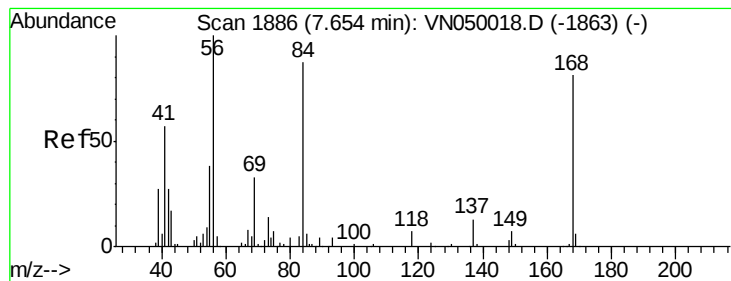
#30
Chloroform
Concen: 19.43 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion: 83 Resp: 293369
Ion Ratio Lower Upper
83 100
85 66.2 52.5 78.7



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





#31

Cyclohexane

Concen: 19.22 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

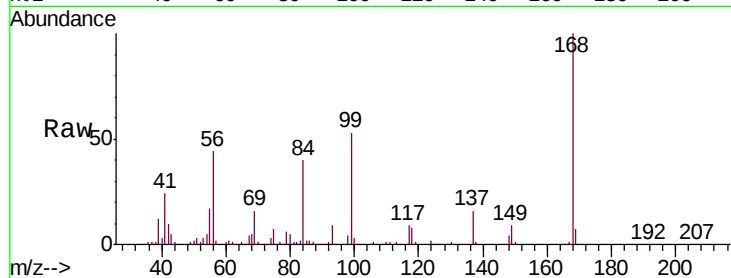
Tot Ion: 56 Resp: 236361

Ion Ratio Lower Upper

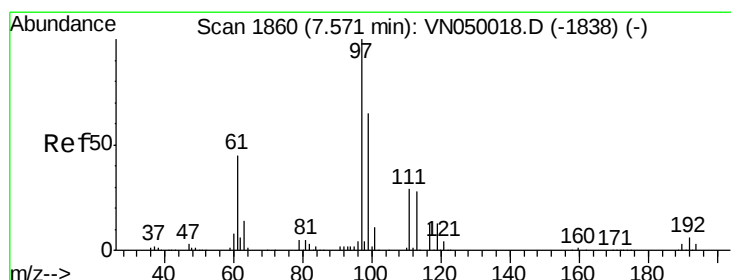
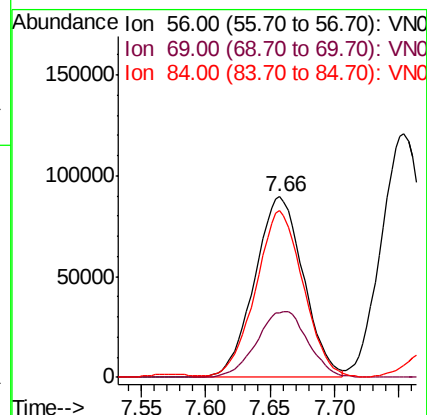
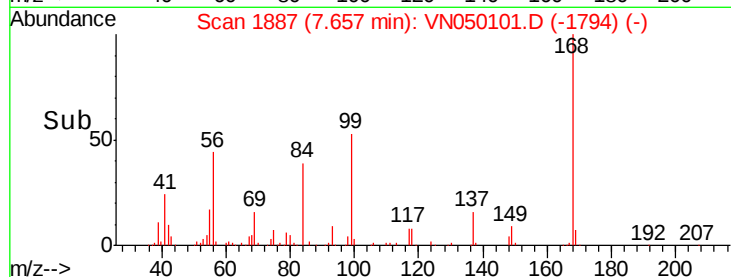
56 100

69 36.0 26.2 39.4

84 91.7 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.44 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

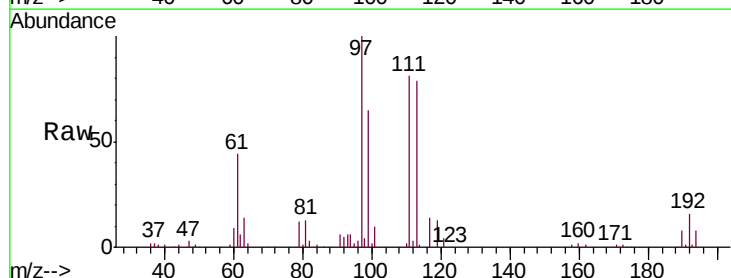
Tgt Ion: 97 Resp: 251060

Ion Ratio Lower Upper

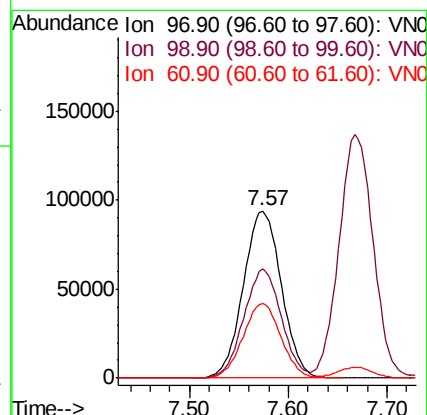
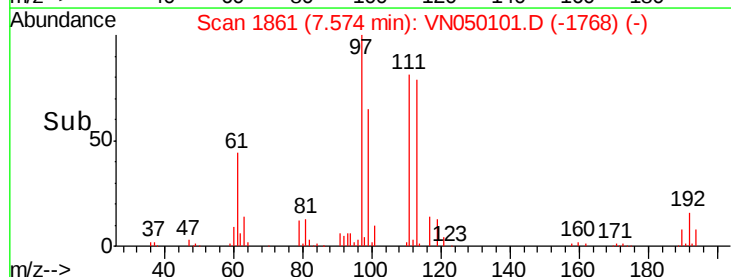
97 100

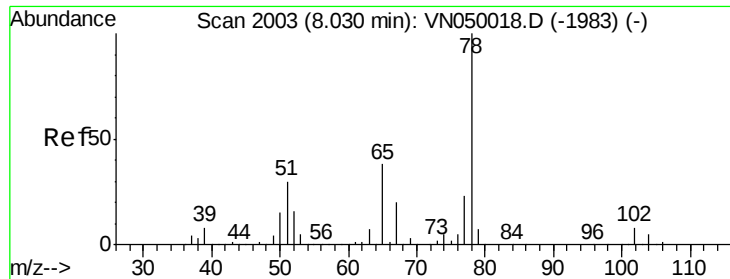
99 64.5 51.4 77.0

61 44.5 35.4 53.0



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.68 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

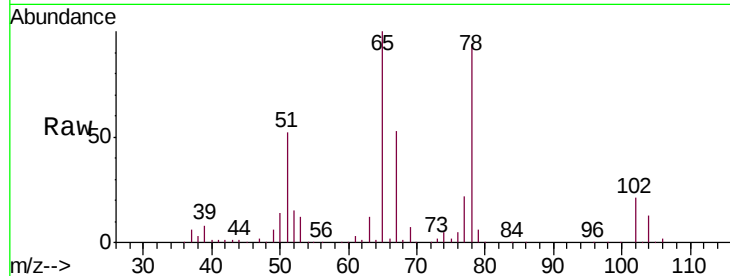
VN0726WBSD02

Tot Ion: 65 Resp: 442611

Ion Ratio Lower Upper

65 100

67 52.8 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

150000

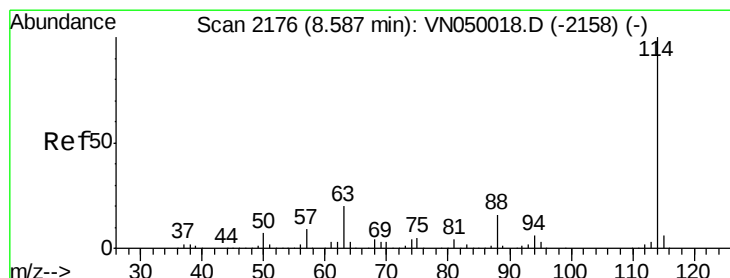
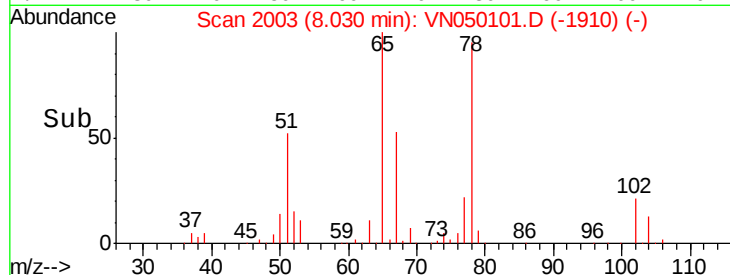
100000

50000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

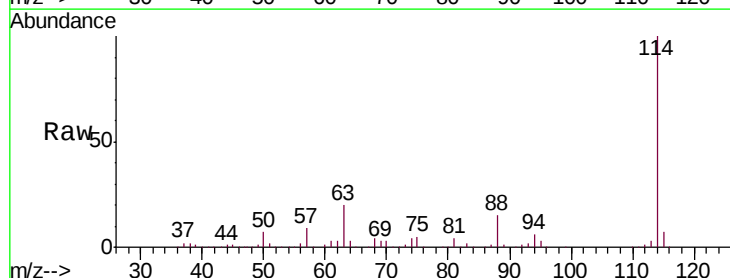
Tgt Ion: 114 Resp: 979150

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050018.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050018.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050018.D (-2158) (-)

8.59

600000

500000

400000

300000

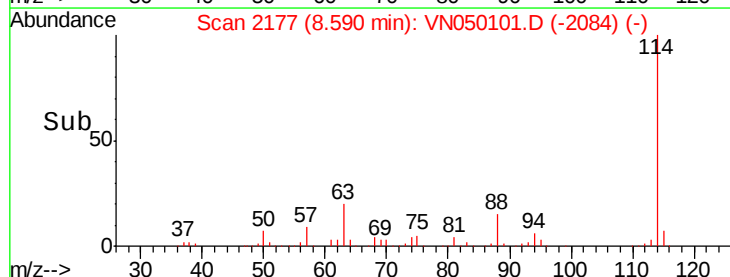
200000

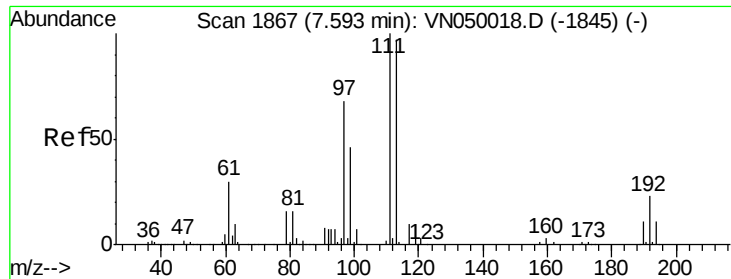
100000

0

8.50 8.60 8.70 8.80

Time-->

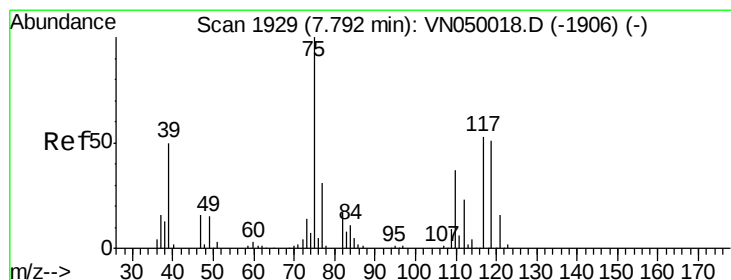
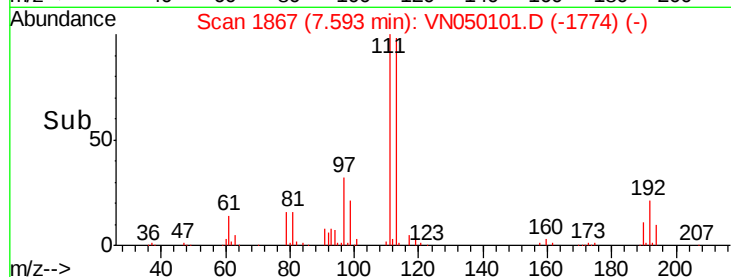
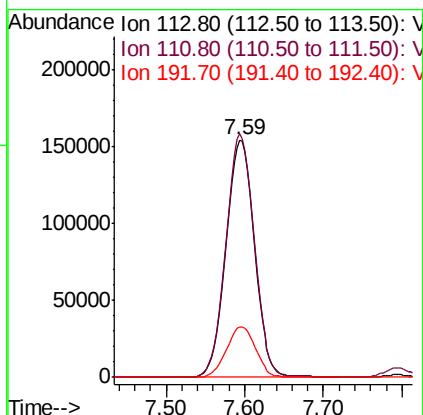
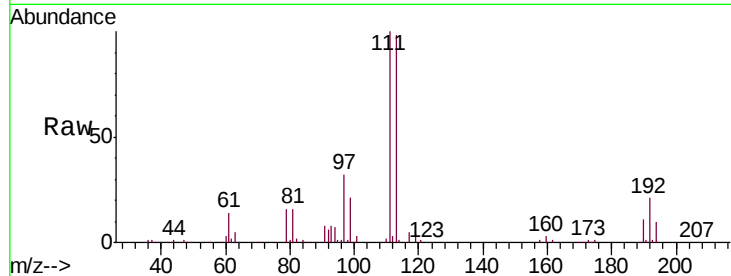




#35
Dibromofluoromethane
Concen: 48.62 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

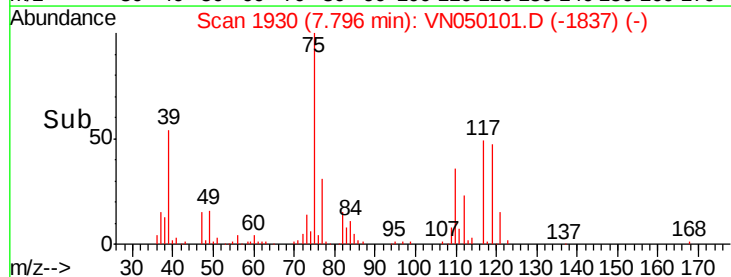
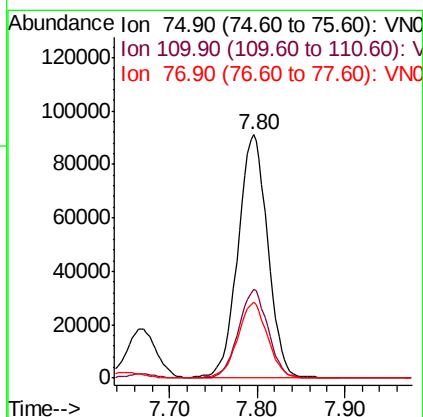
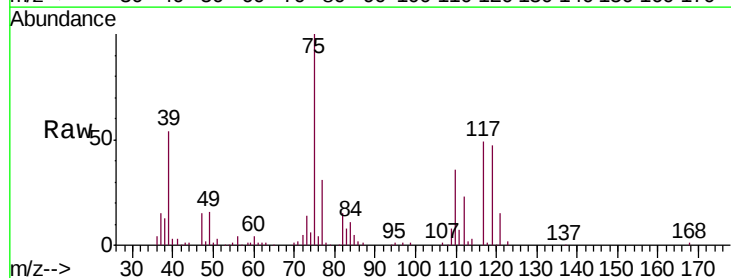
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBSD02

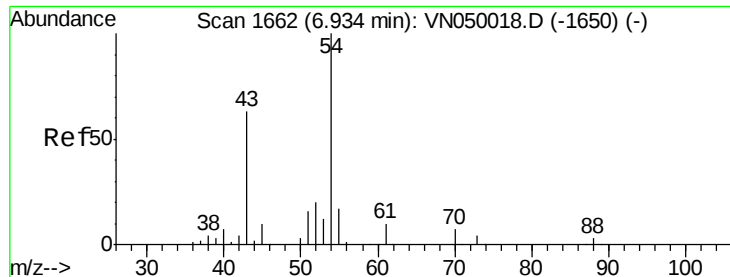
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.7	121.1
192	21.7	17.8	26.6



#36
1,1-Dichloropropene
Concen: 19.55 ug/l
RT: 7.80 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.4	55.2
77	31.2	25.3	37.9

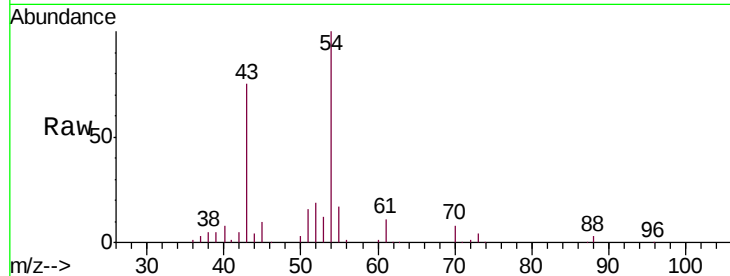




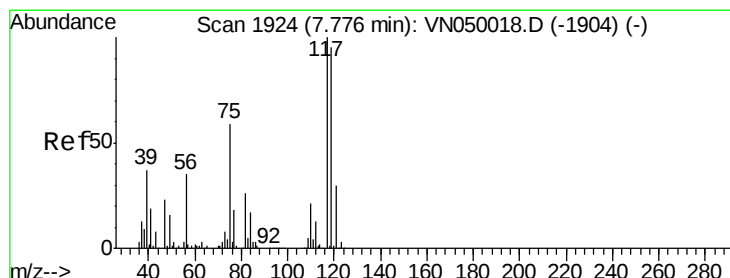
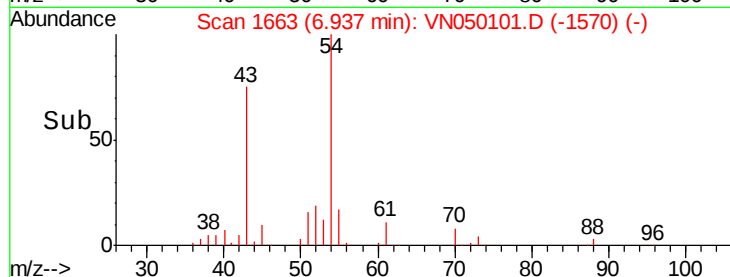
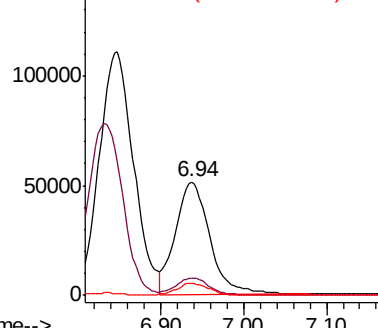
#37
Ethyl Acetate
Concen: 19.36 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Instrument :
MSVOA_N
ClientSampled :
VN0726WBSD02

Tot Ion: 43 Resp: 148894
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.8
70 10.2 8.4 12.6

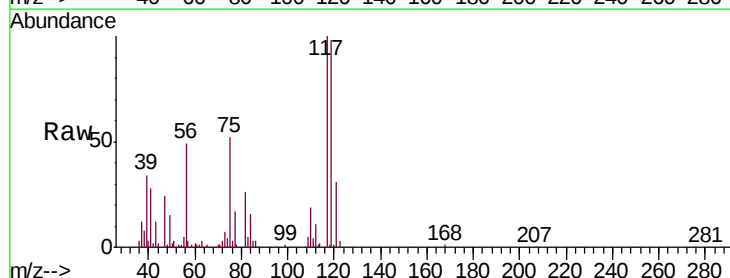


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

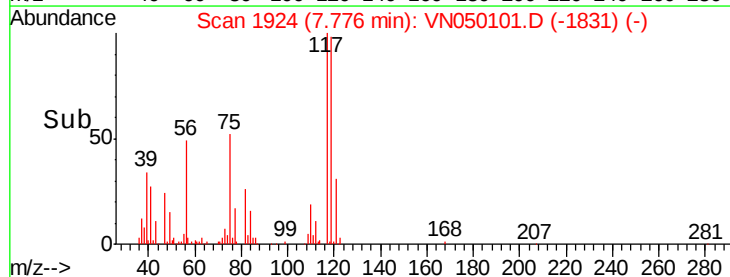
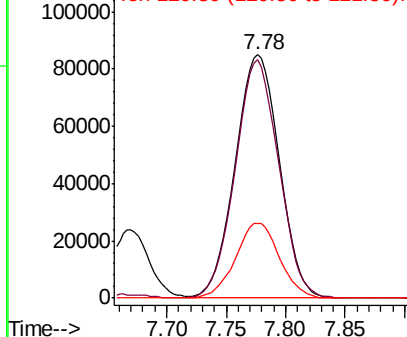


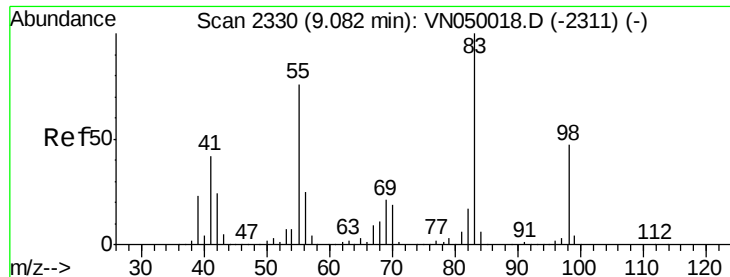
#38
Carbon Tetrachloride
Concen: 18.62 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion: 117 Resp: 217927
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0
121 31.0 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

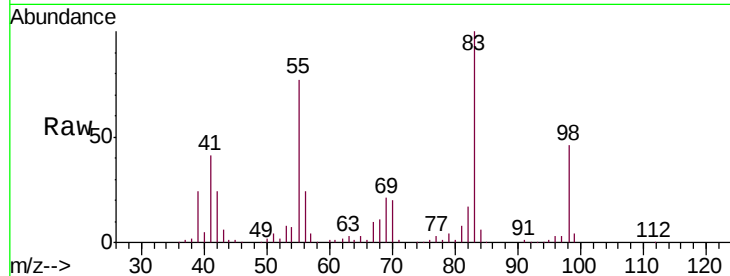




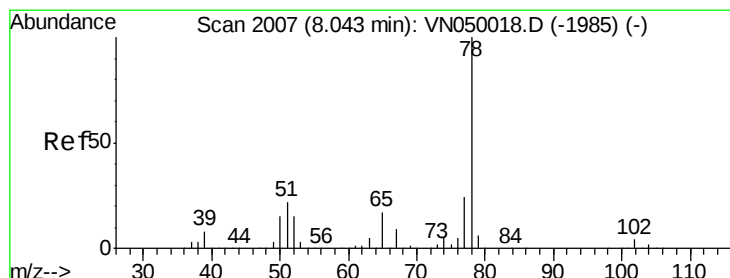
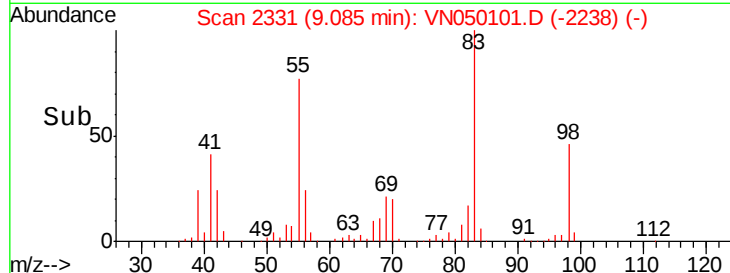
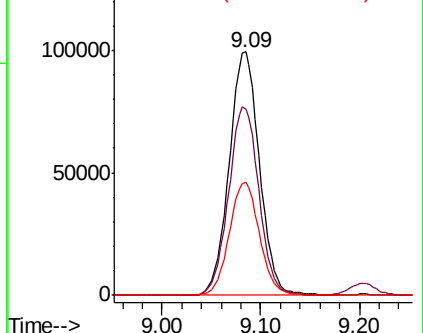
#39
Methvlcvclohexane
Concen: 18.73 ug/l
RT: 9.09 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN0726WBSD02

Tot Ion: 83 Resp: 212531
Ion Ratio Lower Upper
83 100
55 76.6 61.8 92.8
98 46.3 36.5 54.7

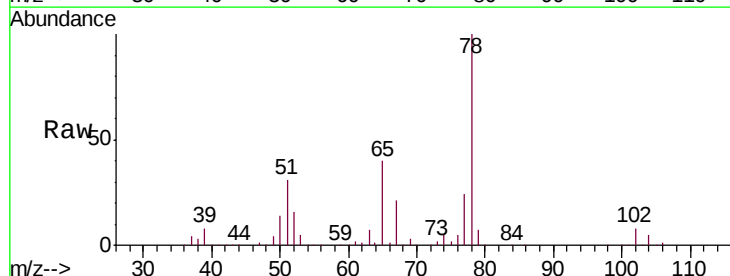


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

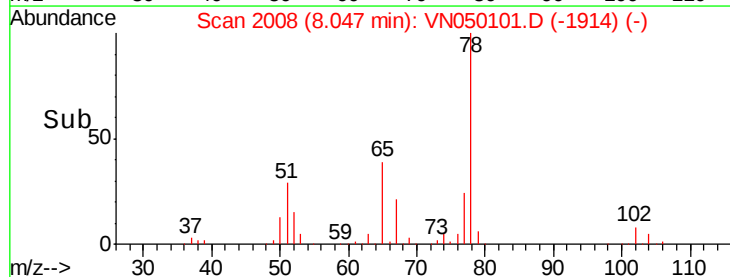
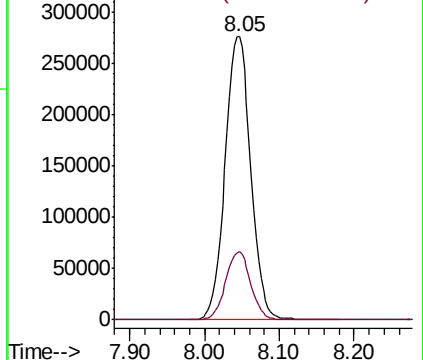


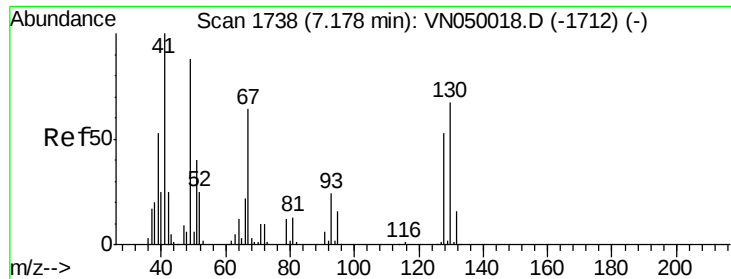
#40
Benzene
Concen: 19.48 ug/l
RT: 8.05 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion: 78 Resp: 653896
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1



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

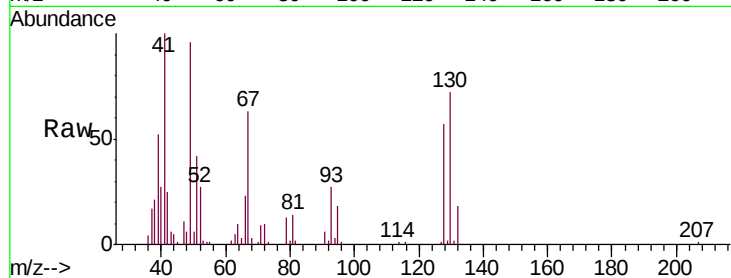




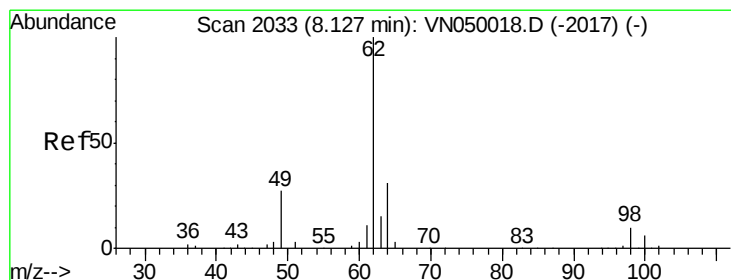
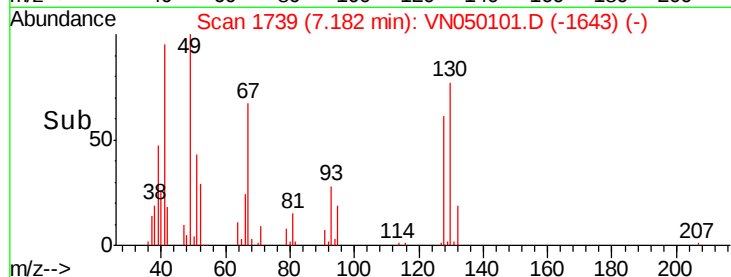
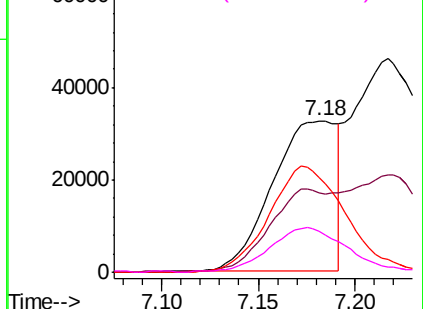
#41
Methacrylonitrile
Concen: 20.72 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN0726WBSD02

Tot Ion: 41 Resp: 76197
Ion Ratio Lower Upper
41 100
39 47.0 55.8 83.6#
67 83.3 84.3 126.5#
52 36.2 34.2 51.2

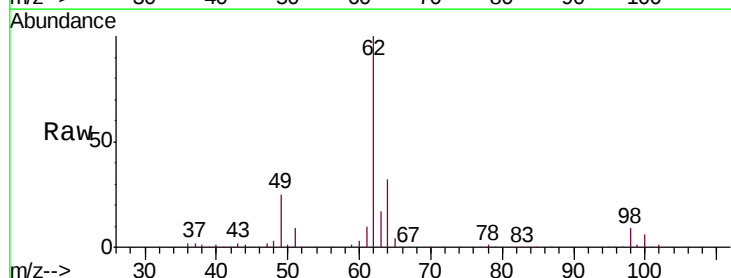


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

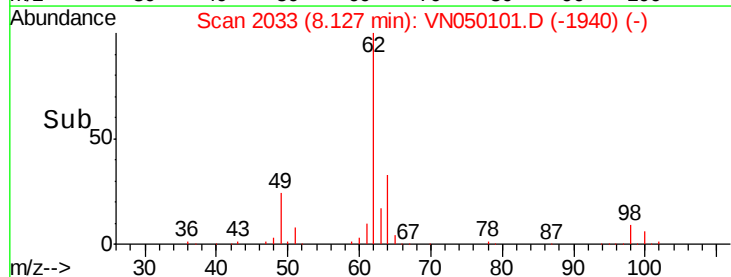
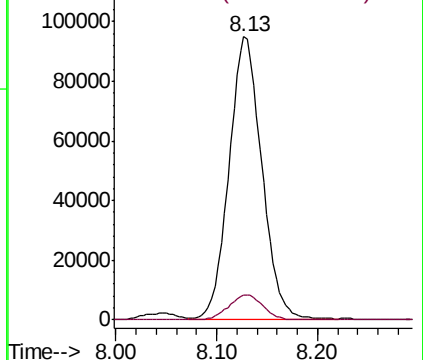


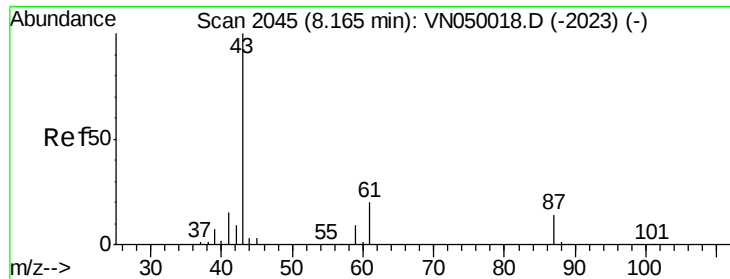
#42
1,2-Dichloroethane
Concen: 19.05 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion: 62 Resp: 213330
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.8



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 19.80 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

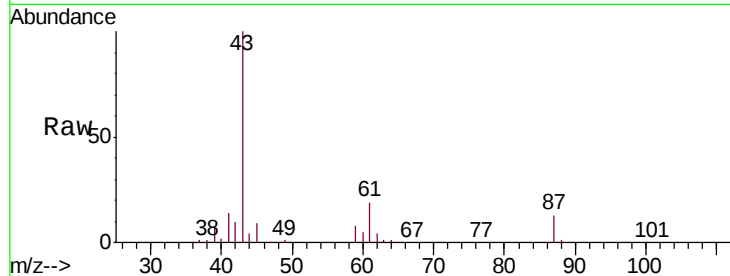
Tot Ion: 43 Resp: 296993

Ion Ratio Lower Upper

43 100

61 25.5 15.8 23.6#

87 12.1 10.3 15.5

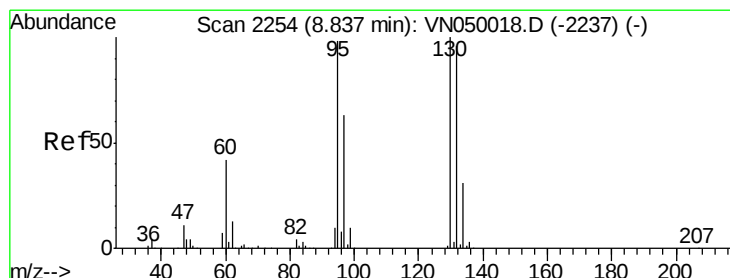
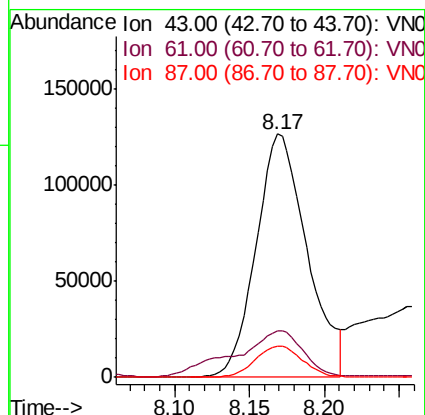
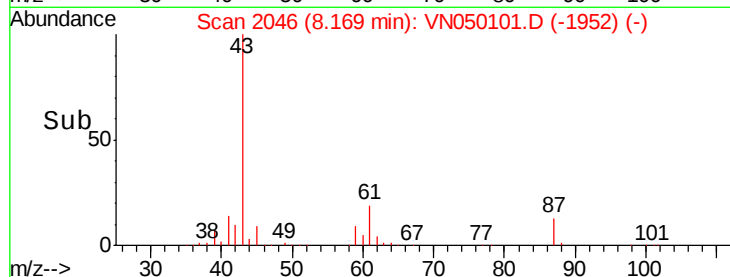


Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2023) (-)

Ion 61.00 (60.70 to 61.70): VN050018.D (-2023) (-)

Ion 87.00 (86.70 to 87.70): VN050018.D (-2023) (-)

8.17



#44

Trichloroethene

Concen: 18.92 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050101.D

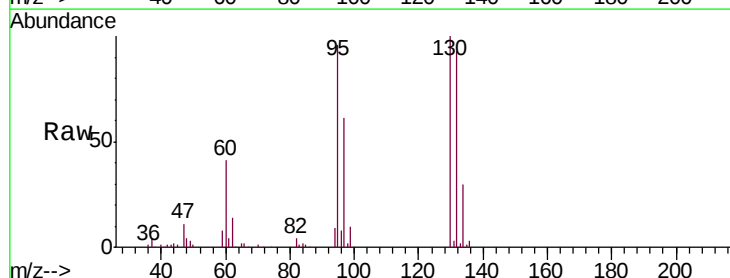
Acq: 26 Jul 2018 23:56

Tgt Ion:130 Resp: 170697

Ion Ratio Lower Upper

130 100

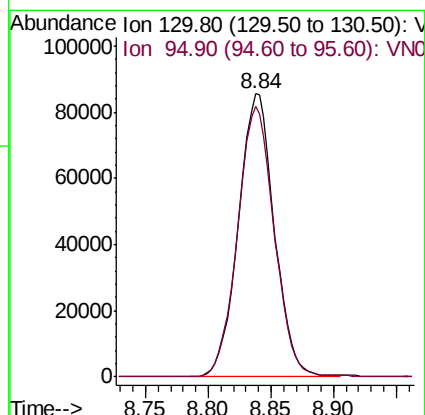
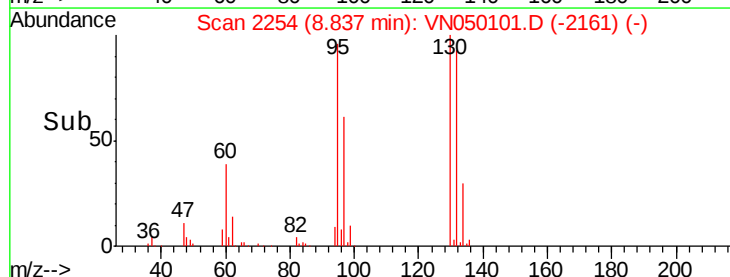
95 95.5 0.0 194.6

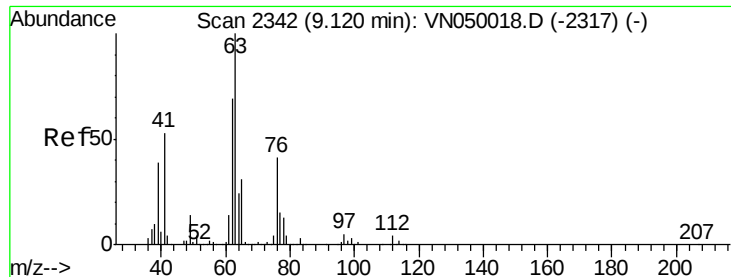


Abundance Ion 129.80 (129.50 to 130.50): VN050018.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN050018.D (-2237) (-)

8.84





#45

1,2-Dichloropropane

Concen: 19.31 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

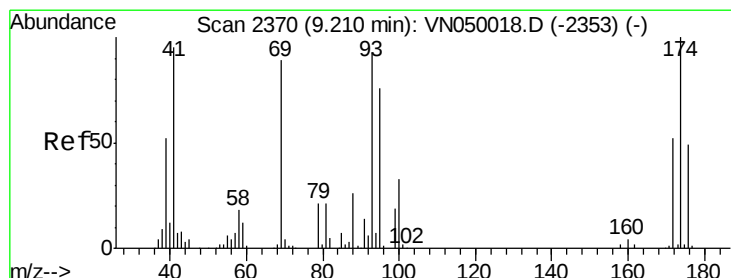
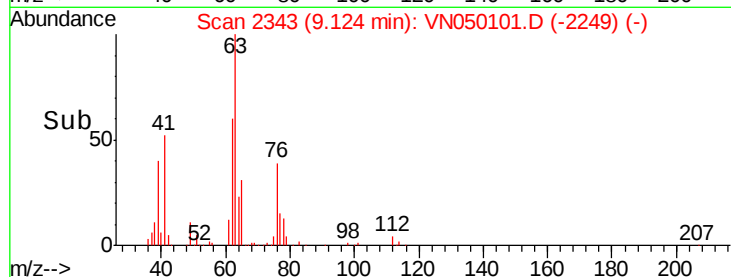
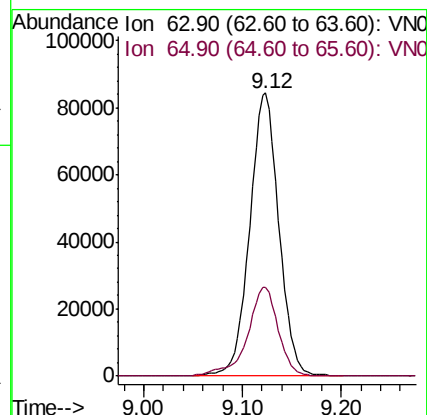
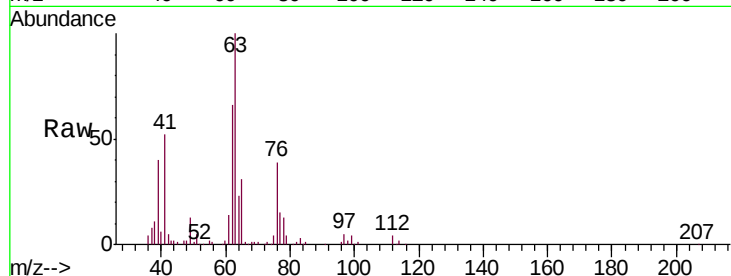
VN0726WBSD02

Tot Ion: 63 Resp: 171700

Ion Ratio Lower Upper

63 100

65 31.4 25.5 38.3



#46

Dibromomethane

Concen: 19.32 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

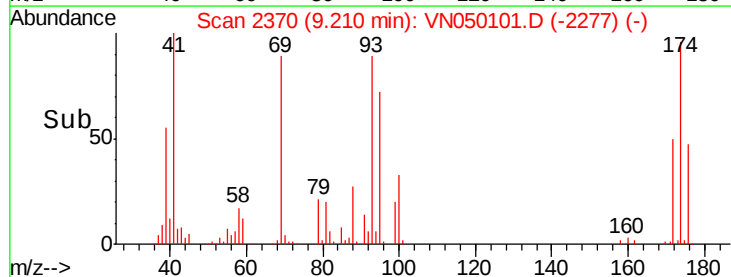
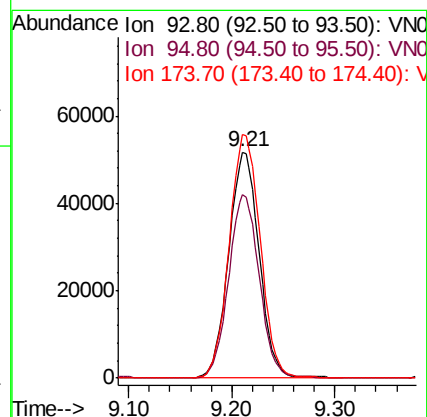
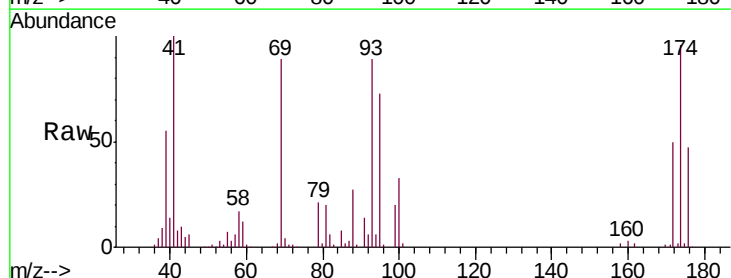
Tgt Ion: 93 Resp: 106665

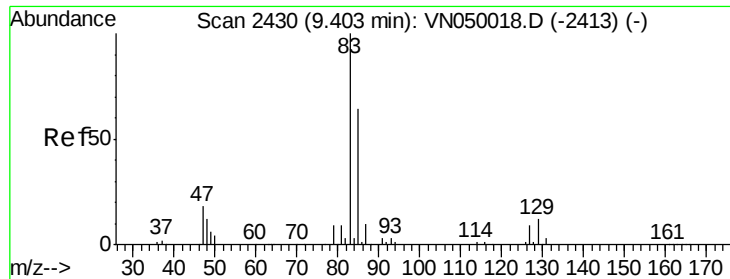
Ion Ratio Lower Upper

93 100

95 81.6 66.6 100.0

174 108.9 87.1 130.7





#47

Bromodichloromethane

Concen: 18.85 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

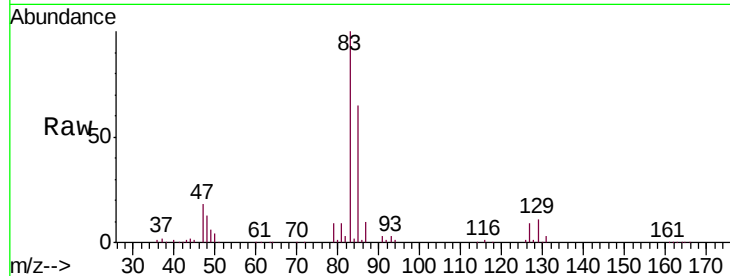
Tot Ion: 83 Resp: 219668

Ion Ratio Lower Upper

83 100

85 65.0 51.1 76.7

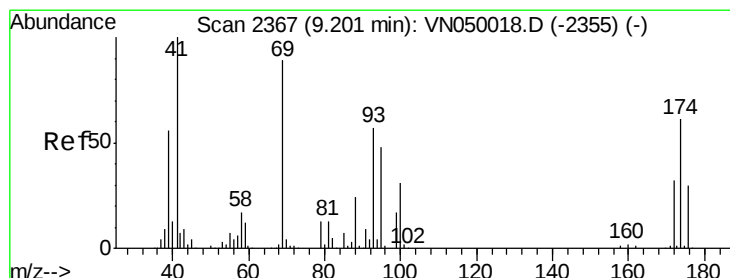
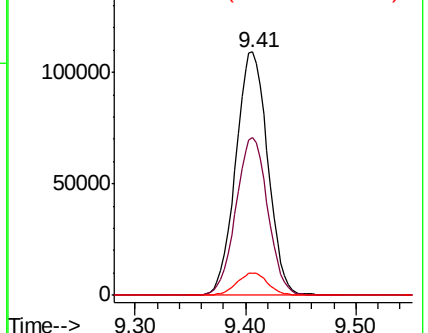
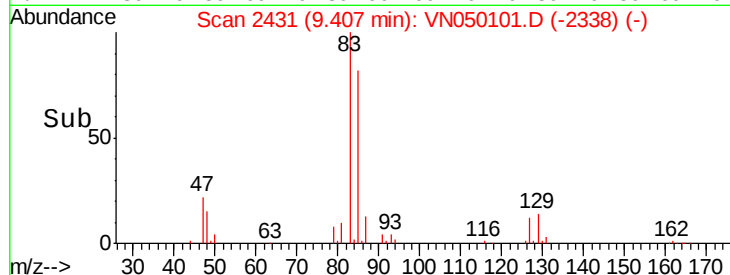
127 9.3 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN050101.D (-2438) (-)

Ion 84.90 (84.60 to 85.60): VN050101.D (-2438) (-)

Ion 126.80 (126.50 to 127.50): VN050101.D (-2438) (-)



#48

Methyl methacrylate

Concen: 19.46 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

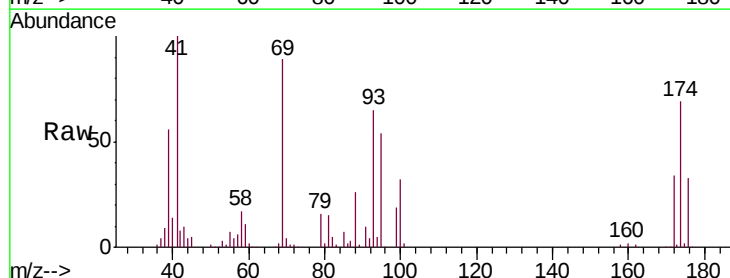
Tgt Ion: 41 Resp: 128870

Ion Ratio Lower Upper

41 100

69 90.3 70.6 105.8

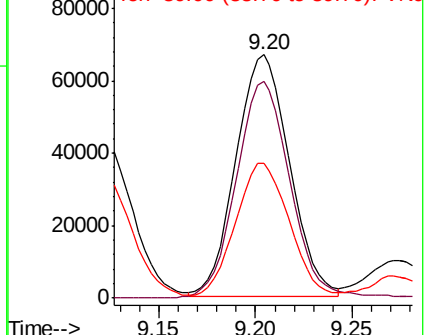
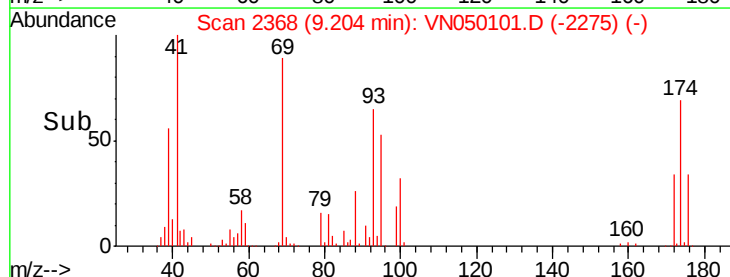
39 55.8 43.9 65.9

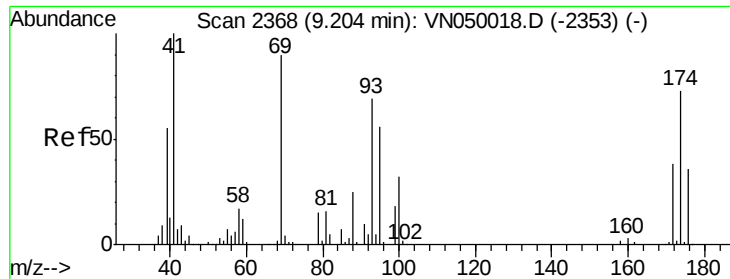


Abundance Ion 41.00 (40.70 to 41.70): VN050101.D (-2275) (-)

Ion 69.00 (68.70 to 69.70): VN050101.D (-2275) (-)

Ion 39.00 (38.70 to 39.70): VN050101.D (-2275) (-)





#49

1,4-Dioxane

Concen: 387.22 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

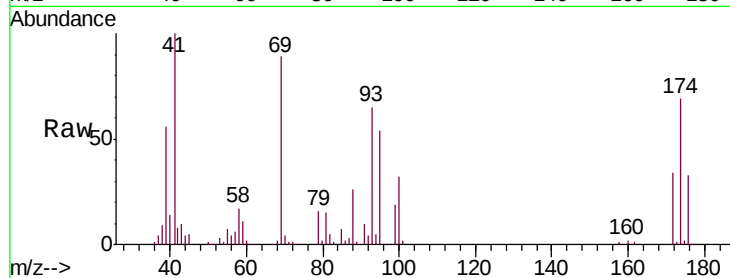
Tot Ion: 88 Resp: 34906

Ion Ratio Lower Upper

88 100

43 32.8 26.9 40.3

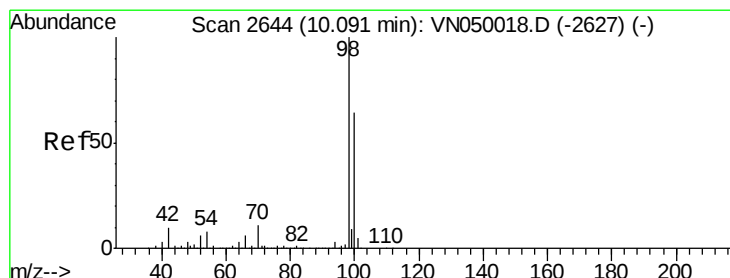
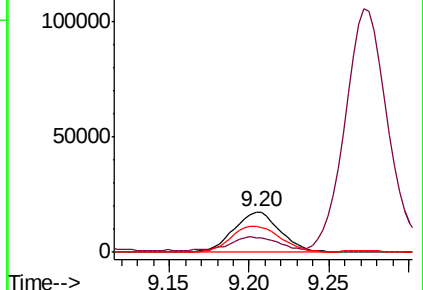
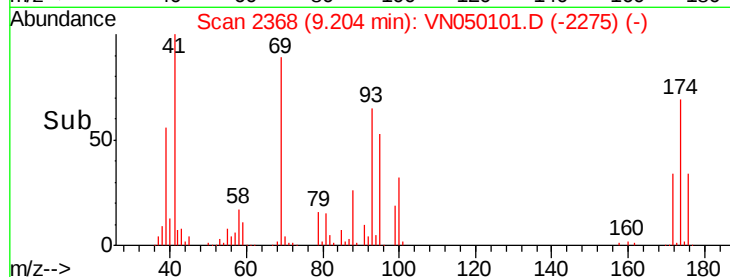
58 69.7 57.3 85.9



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: 48.83 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050101.D

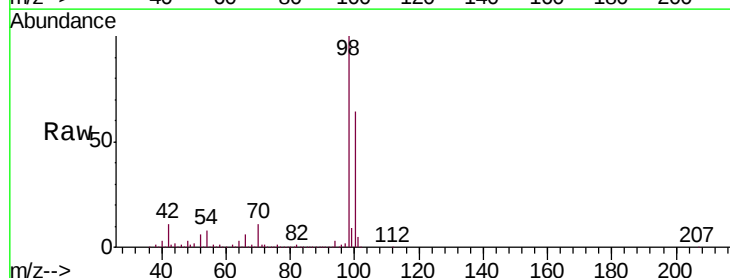
Acq: 26 Jul 2018 23:56

Tgt Ion: 98 Resp: 1435022

Ion Ratio Lower Upper

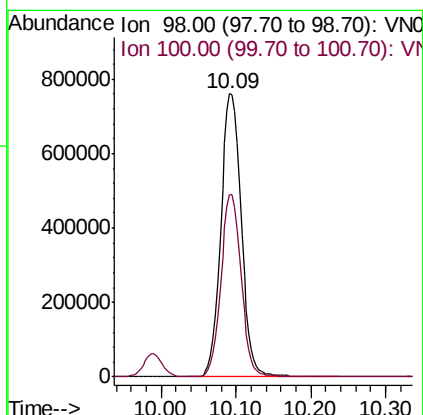
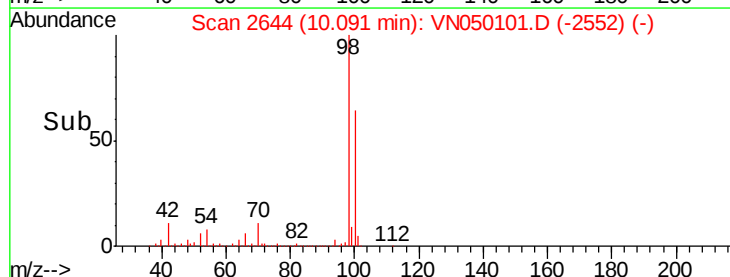
98 100

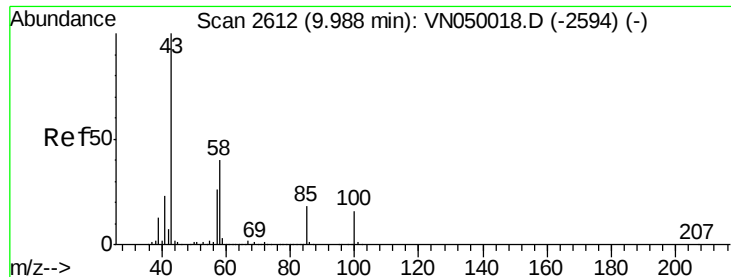
100 63.8 50.7 76.1



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: 97.58 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

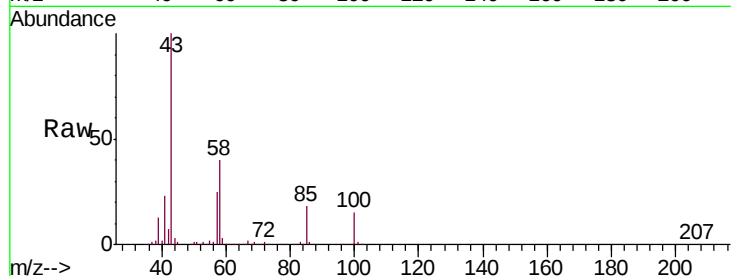
VN0726WBSD02

Tot Ion: 43 Resp: 737793

Ion Ratio Lower Upper

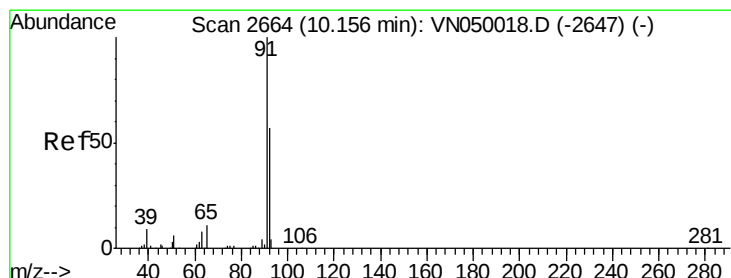
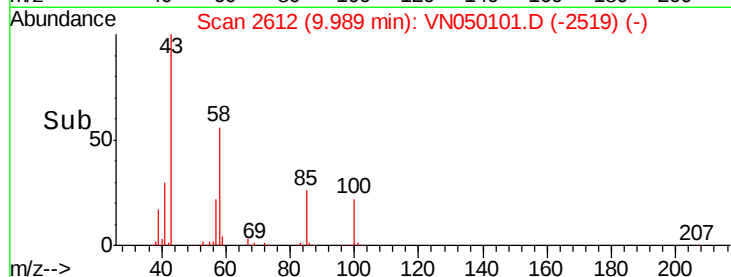
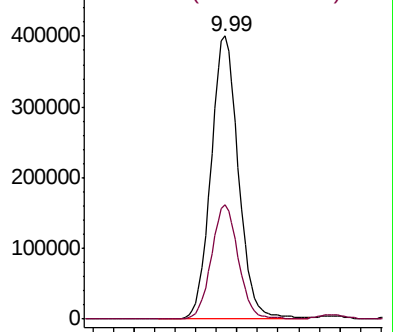
43 100

58 39.9 31.9 47.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.15 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050101.D

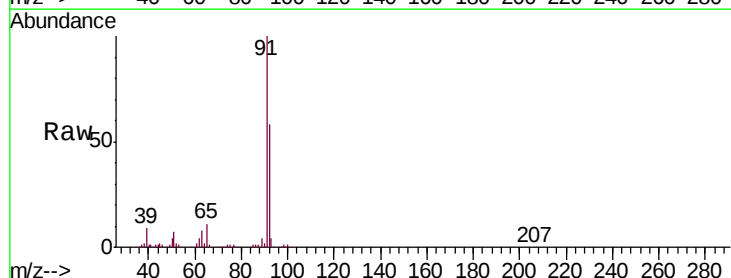
Acq: 26 Jul 2018 23:56

Tgt Ion: 92 Resp: 399349

Ion Ratio Lower Upper

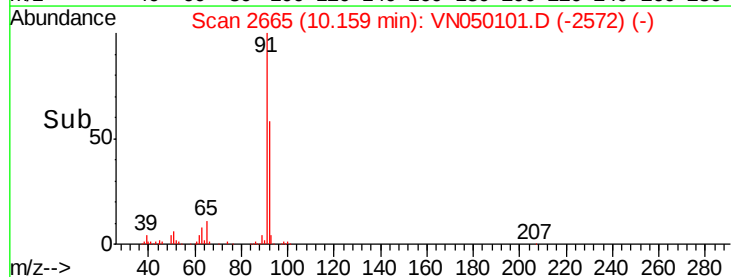
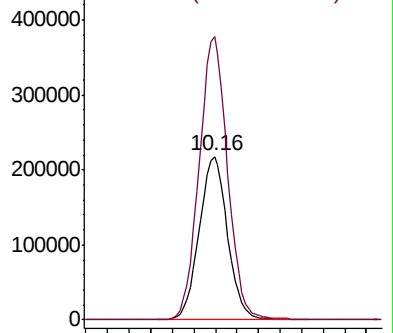
92 100

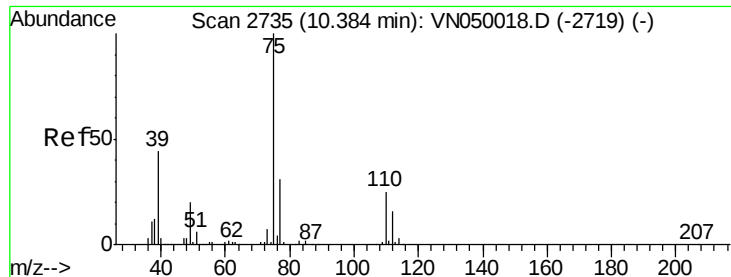
91 174.6 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.81 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

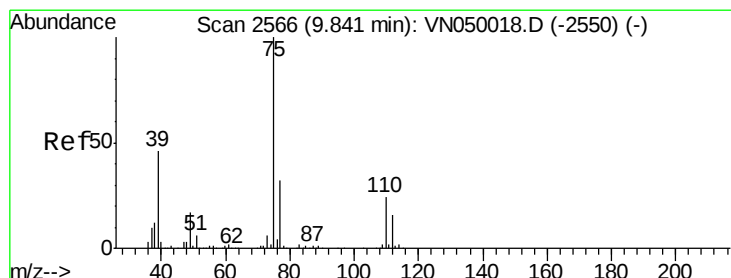
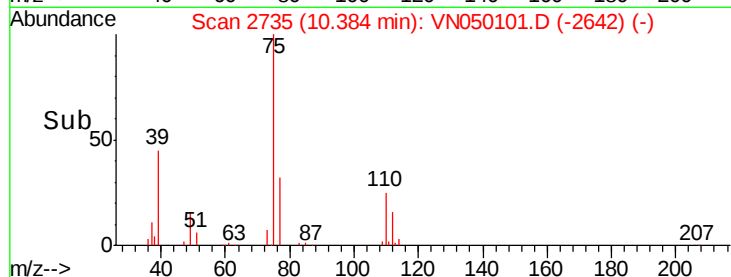
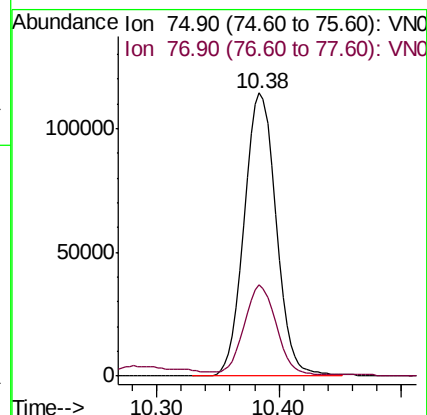
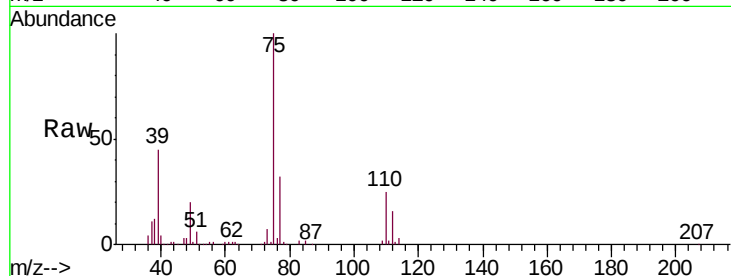
VN0726WBSD02

Tot Ion: 75 Resp: 206803

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.01 ug/l

RT: 9.84 min Scan# 2567

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

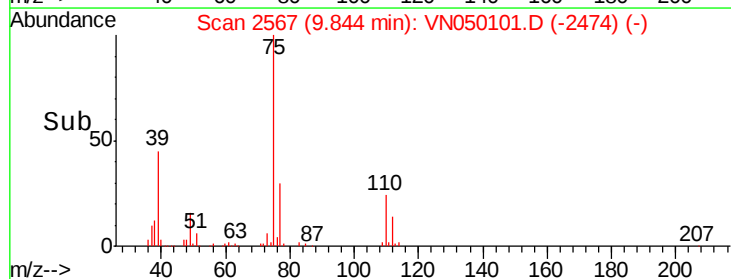
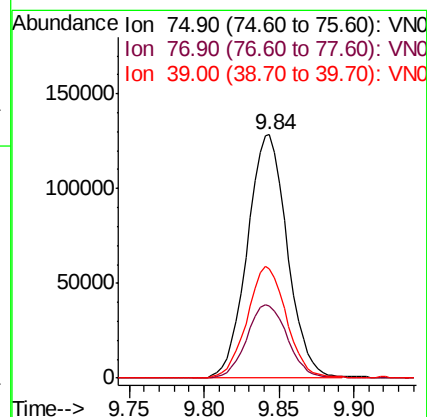
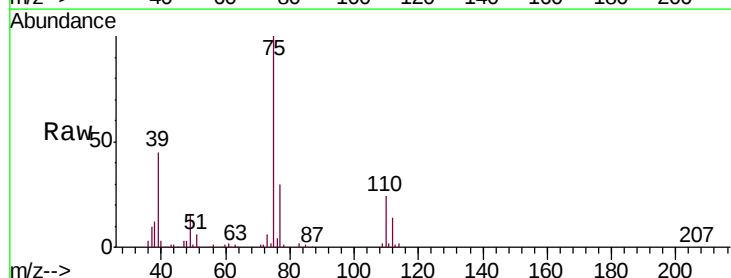
Tgt Ion: 75 Resp: 238894

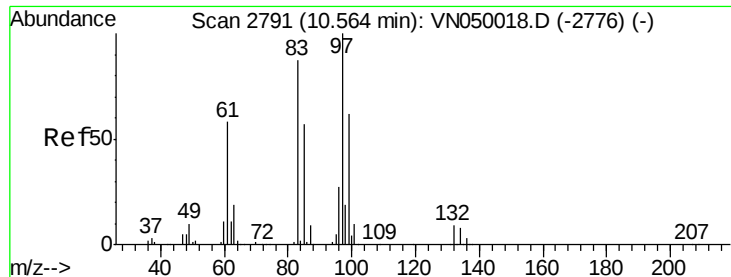
Ion Ratio Lower Upper

75 100

77 29.6 25.5 38.3

39 45.0 36.6 55.0

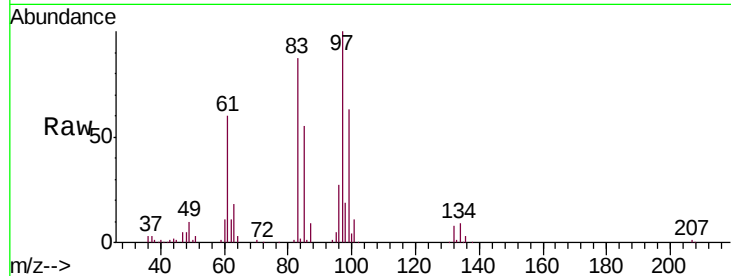




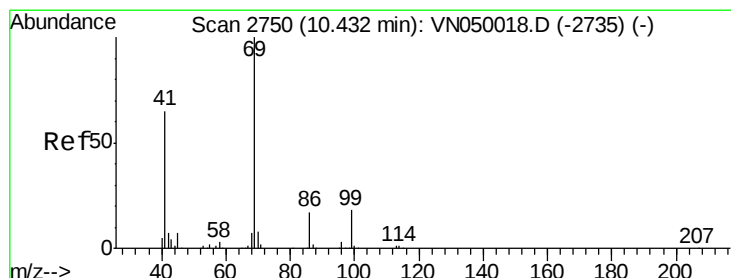
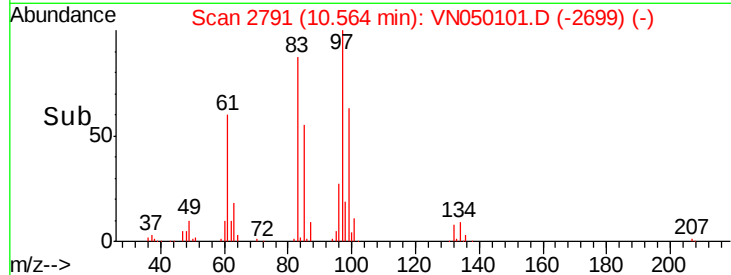
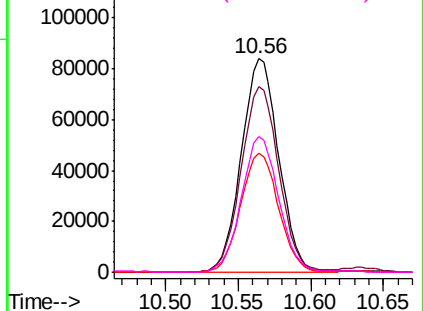
#55
 1,1,2-Trichloroethane
 Concen: 19.18 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBSD02

Tot Ion: 97 Resp: 150738
 Ion Ratio Lower Upper
 97 100
 83 86.7 69.2 103.8
 85 55.5 44.0 66.0
 99 63.4 49.9 74.9

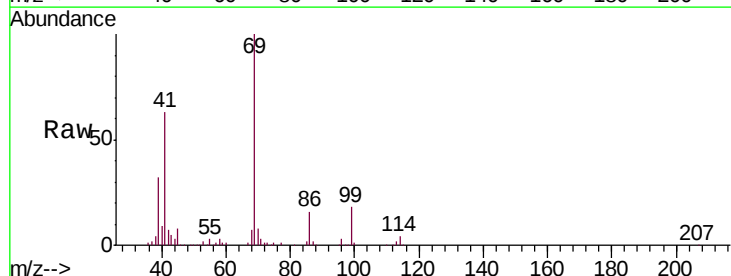


Abundance Ion 96.90 (96.60 to 97.60): VNC
 Ion 82.90 (82.60 to 83.60): VNC
 Ion 84.90 (84.60 to 85.60): VNC
 Ion 98.90 (98.60 to 99.60): VNC

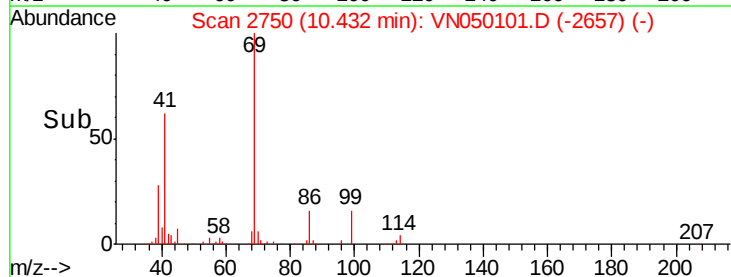
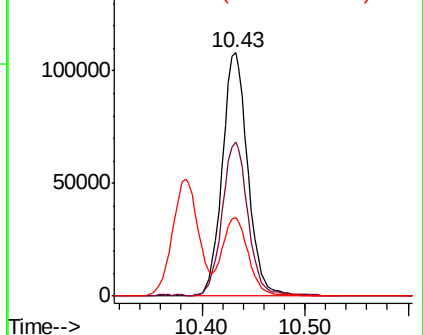


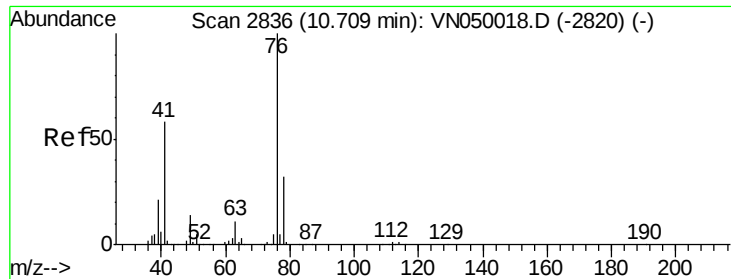
#56
 Ethyl methacrylate
 Concen: 18.84 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

Tgt Ion: 69 Resp: 186515
 Ion Ratio Lower Upper
 69 100
 41 63.4 51.0 76.4
 39 32.8 26.6 40.0



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





#57

1,3-Dichloropropane

Concen: 19.49 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

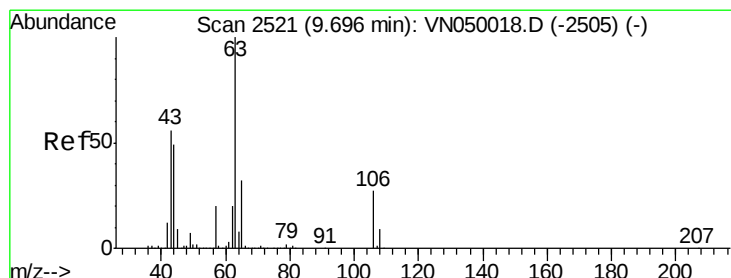
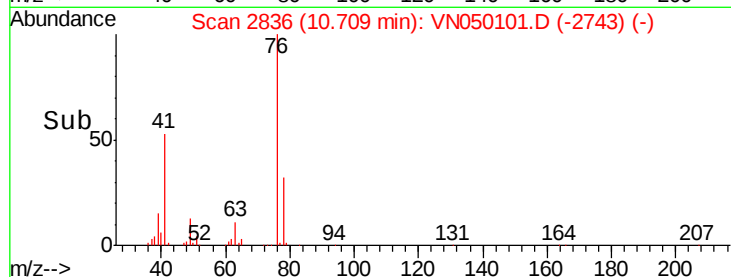
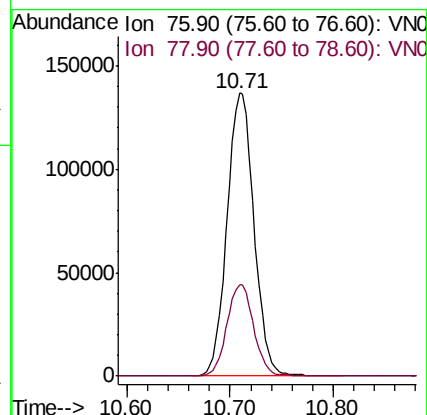
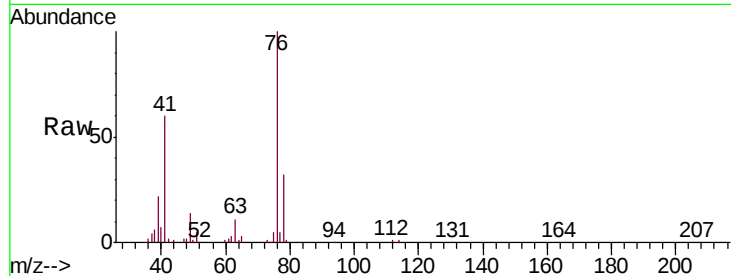
VN0726WBSD02

Tot Ion: 76 Resp: 249393

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 91.55 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN050101.D

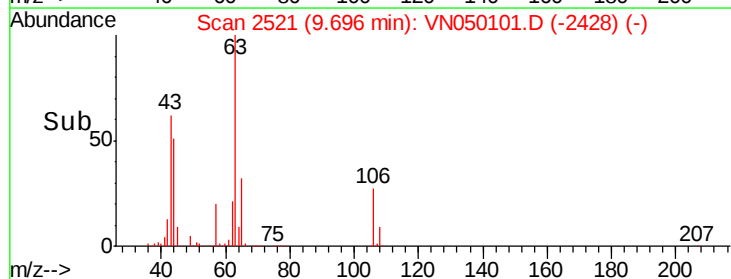
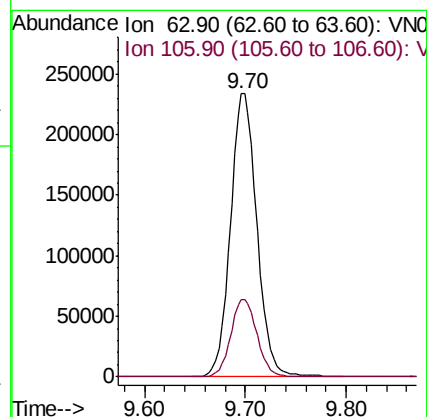
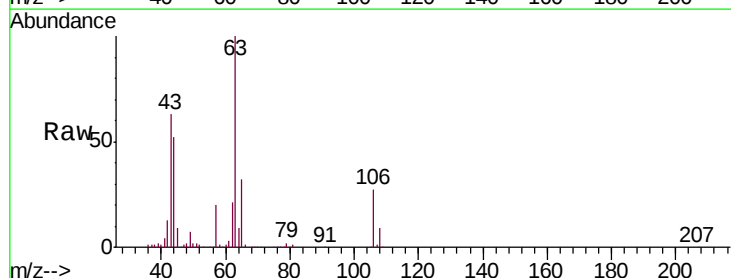
Acq: 26 Jul 2018 23:56

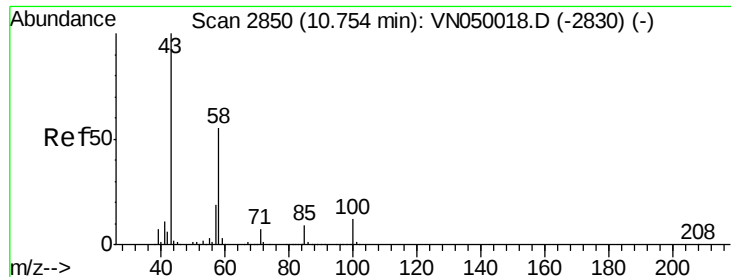
Tgt Ion: 63 Resp: 427549

Ion Ratio Lower Upper

63 100

106 27.4 21.7 32.5





#59

2-Hexanone

Concen: 90.86 ug/l

RT: 10.75 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

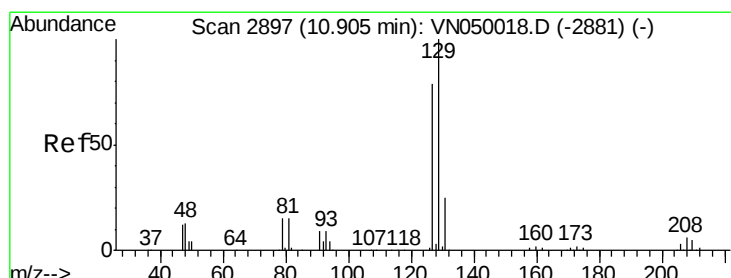
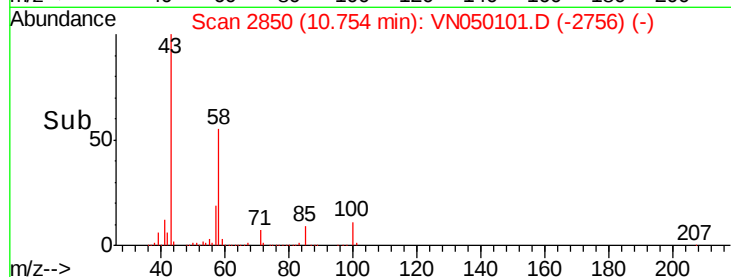
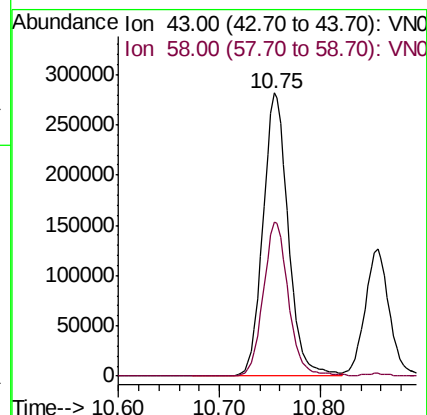
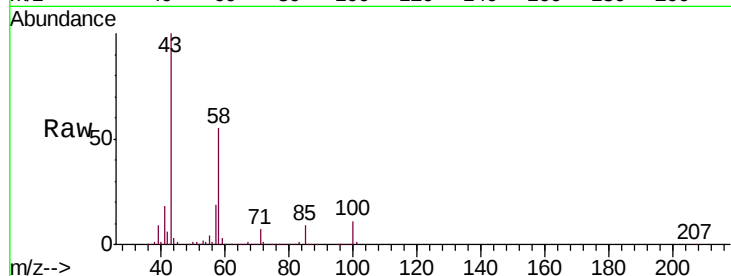
VN0726WBSD02

Tot Ion: 43 Resp: 486134

Ion Ratio Lower Upper

43 100

58 54.4 27.6 82.7



#60

Dibromochloromethane

Concen: 19.09 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN050101.D

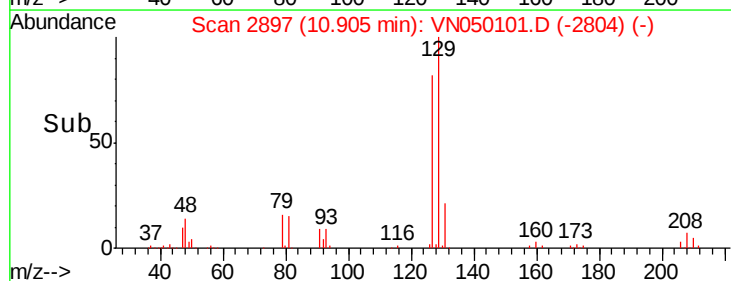
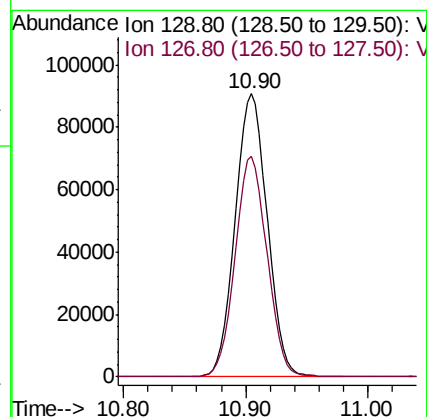
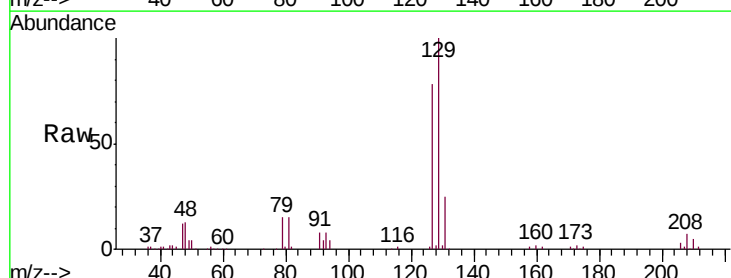
Acq: 26 Jul 2018 23:56

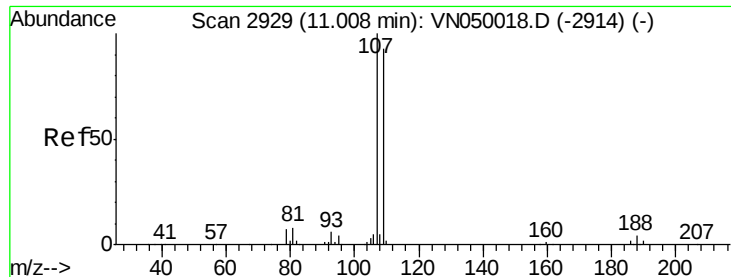
Tgt Ion: 129 Resp: 166099

Ion Ratio Lower Upper

129 100

127 77.5 38.0 113.9





#61

1,2-Dibromoethane

Concen: 19.13 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

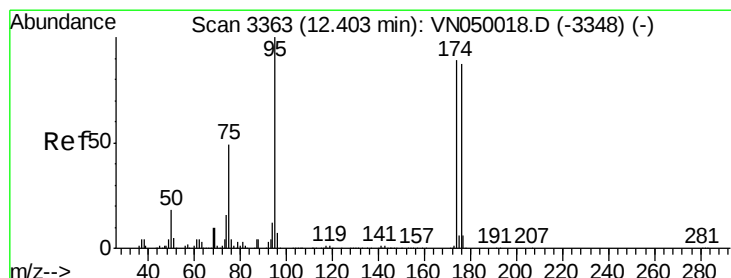
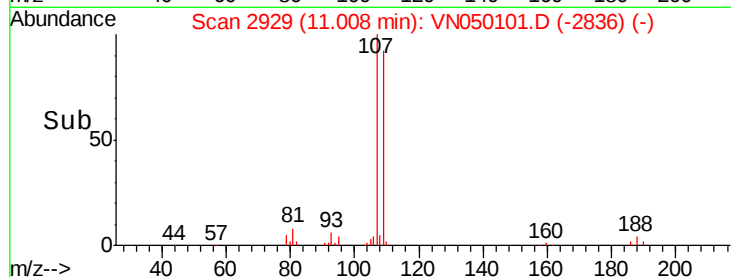
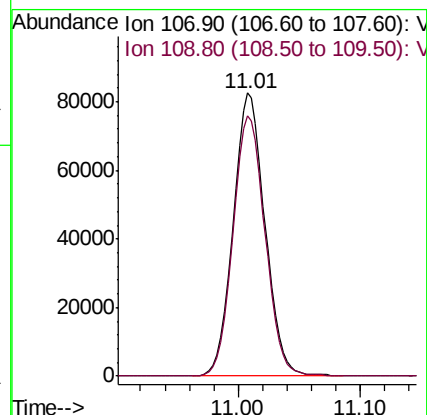
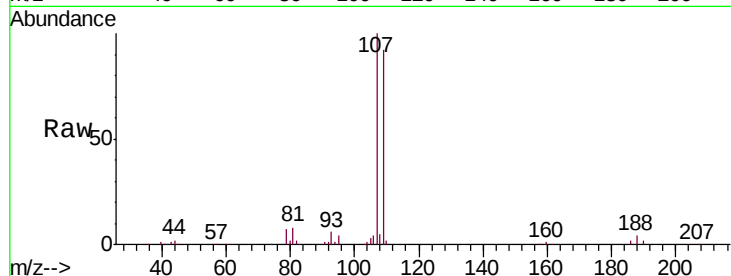
VN0726WBSD02

Tot Ion:107 Resp: 149153

Ion Ratio Lower Upper

107 100

109 93.3 74.6 112.0



#62

4-Bromofluorobenzene

Concen: 48.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

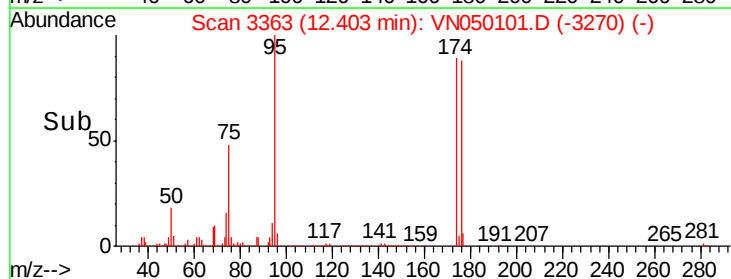
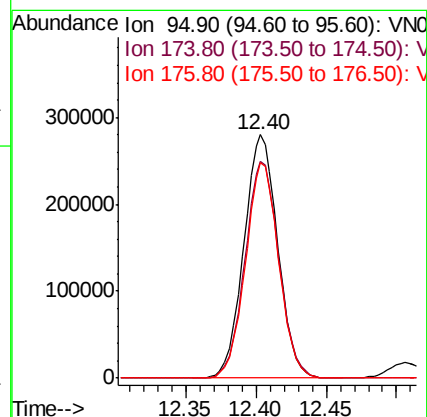
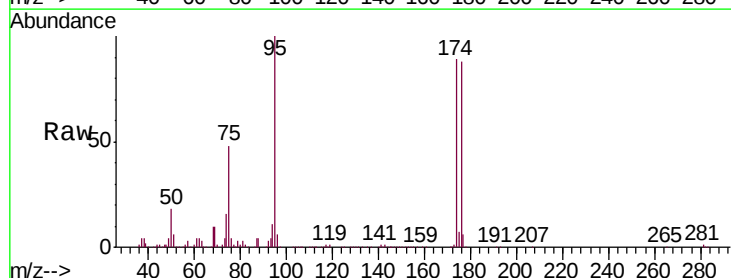
Tgt Ion: 95 Resp: 469637

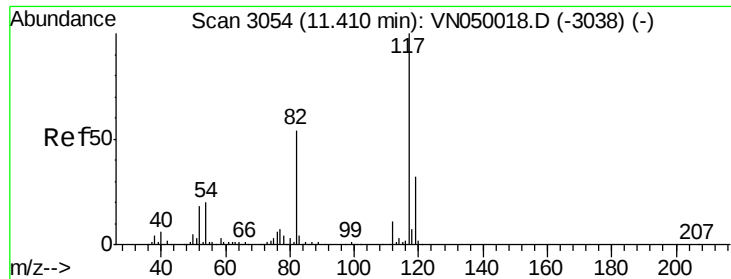
Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.2

176 86.9 0.0 173.4

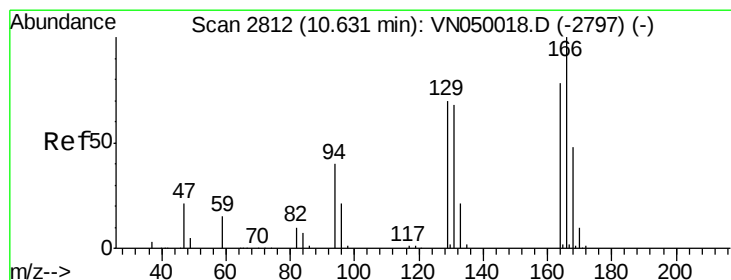
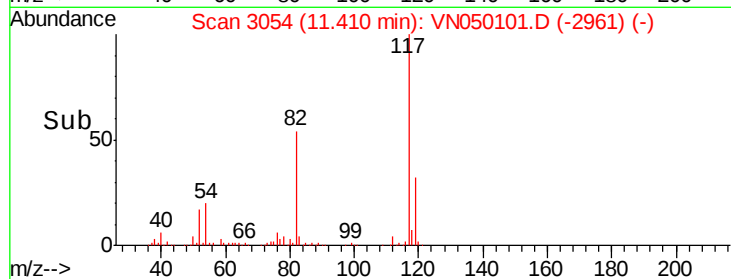
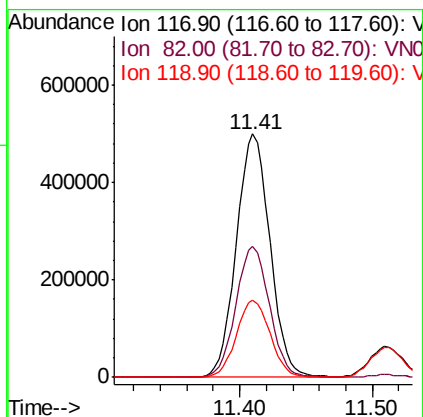
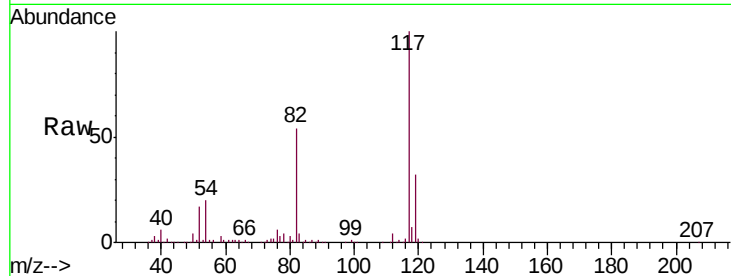




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

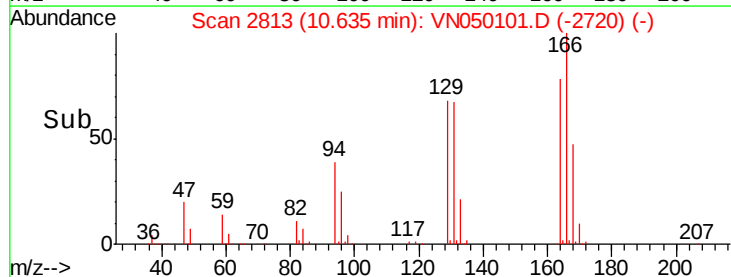
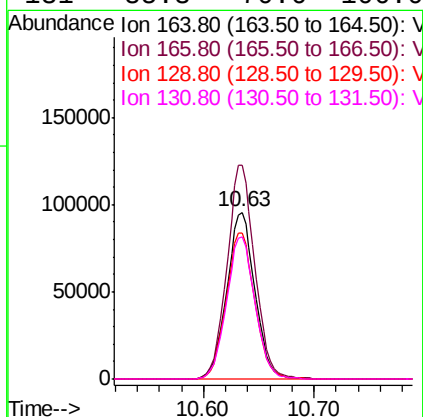
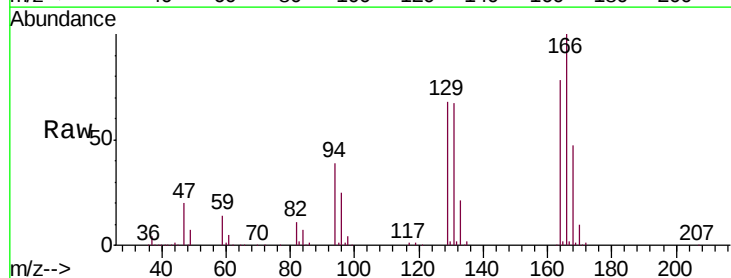
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBSD02

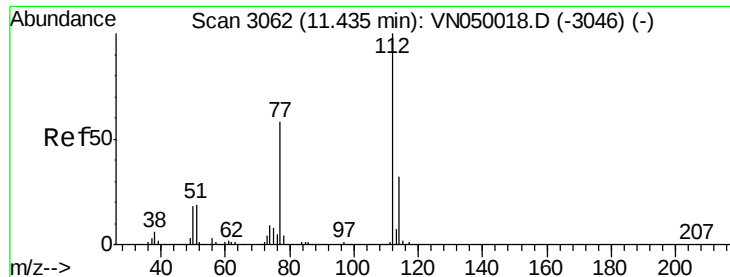
Tot Ion:117 Resp: 881973
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 31.5 26.1 39.1



#64
Tetrachloroethene
Concen: 19.92 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion:164 Resp: 168878
Ion Ratio Lower Upper
164 100
166 128.2 102.1 153.1
129 87.3 73.2 109.8
131 85.3 70.6 106.0





#65

Chlorobenzene

Concen: 19.23 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

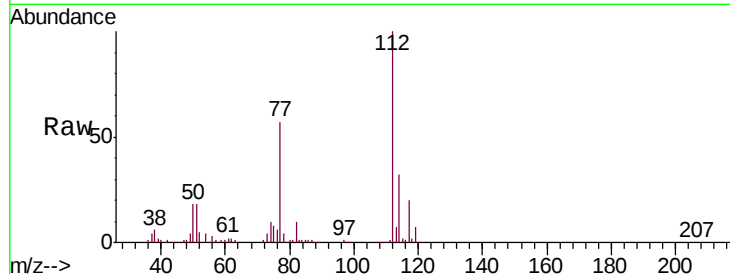
VN0726WBSD02

Tot Ion:112 Resp: 428404

Ion Ratio Lower Upper

112 100

114 31.8 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.44

250000

200000

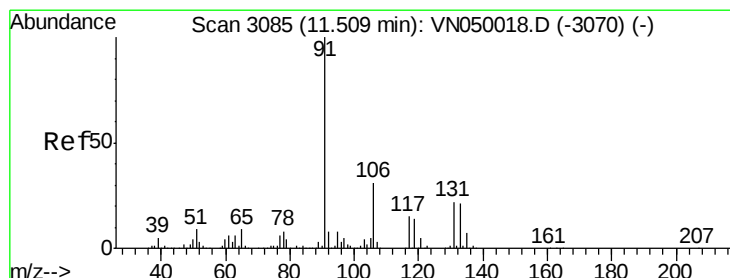
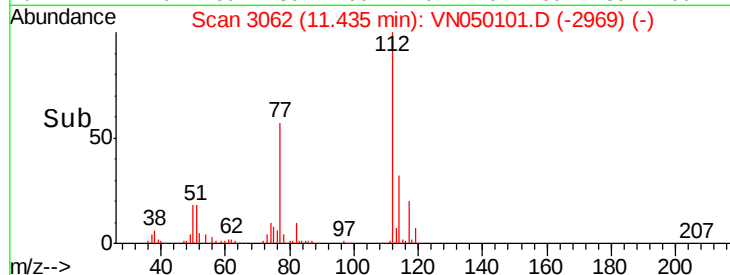
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.76 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

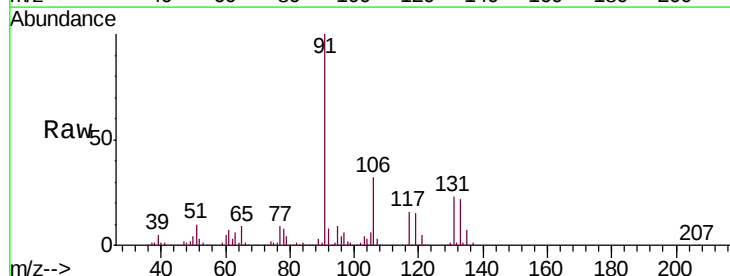
Tgt Ion:131 Resp: 160624

Ion Ratio Lower Upper

131 100

133 97.4 47.3 141.9

119 66.9 32.9 98.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

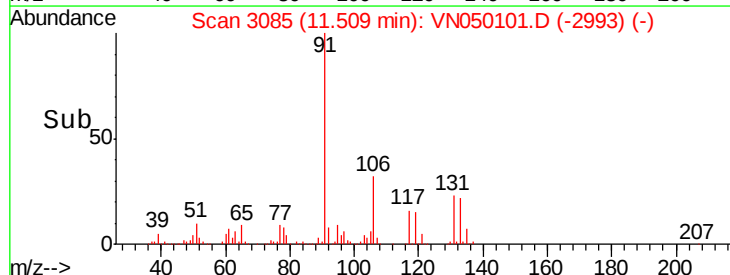
150000

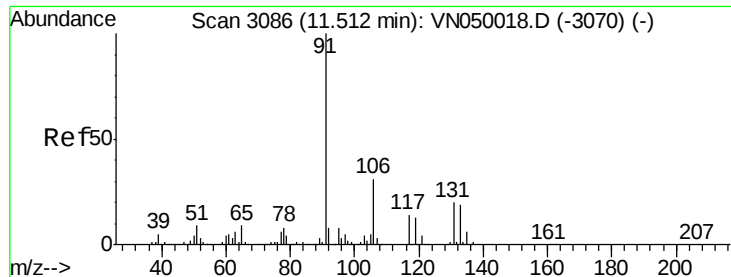
100000

50000

0

Time-->

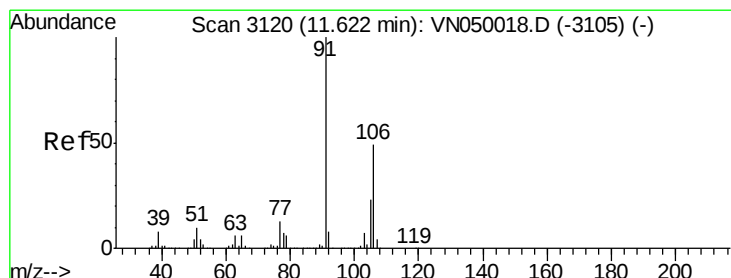
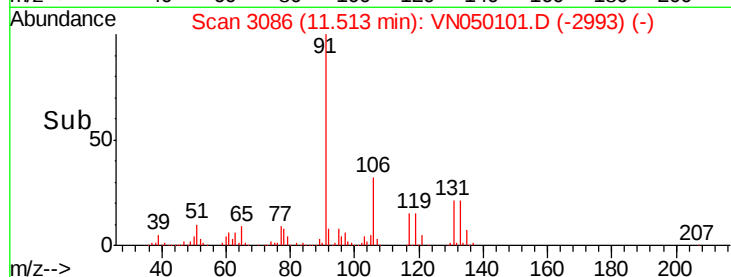
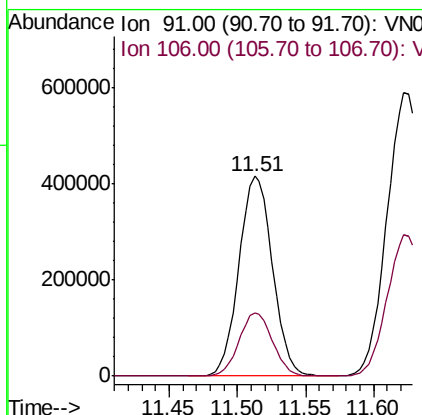
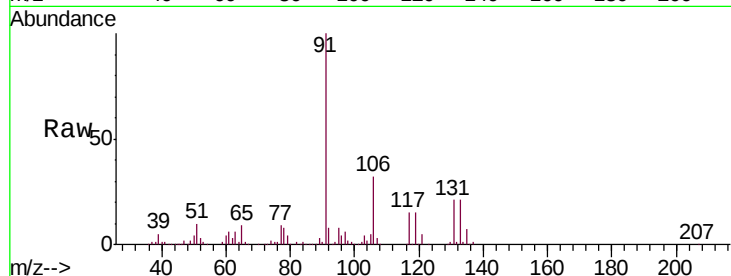




#67
Ethyl Benzene
Concen: 19.87 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

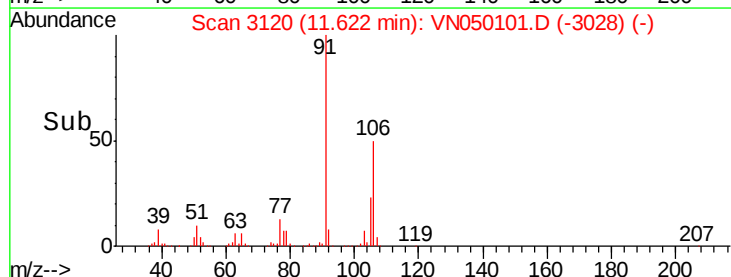
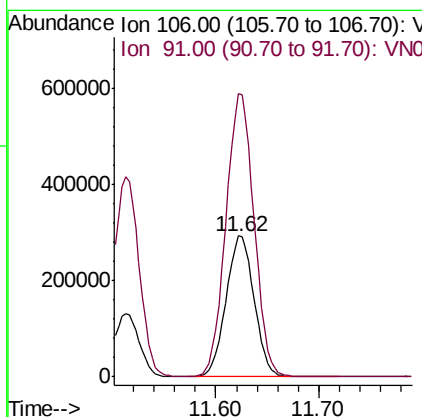
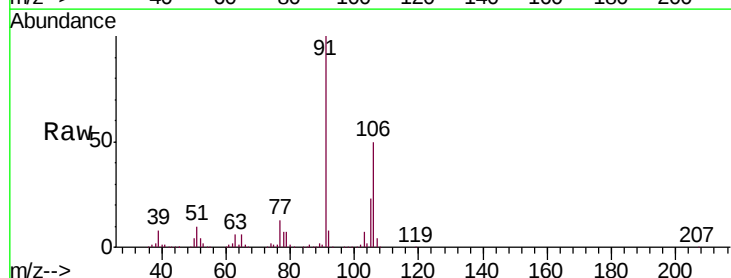
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBSD02

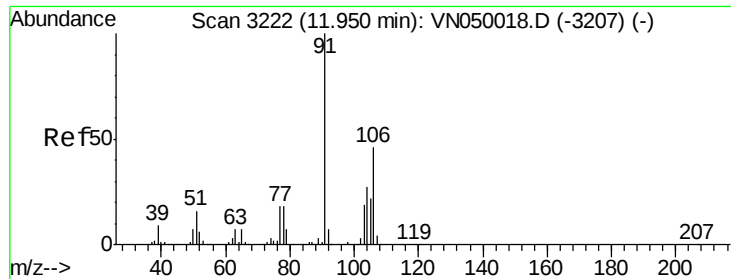
Tot Ion: 91 Resp: 711167
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.4



#68
m/p-Xylenes
Concen: 41.14 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion: 106 Resp: 556881
Ion Ratio Lower Upper
106 100
91 201.5 162.2 243.2

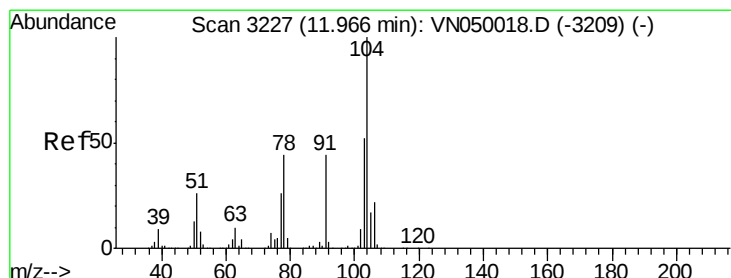
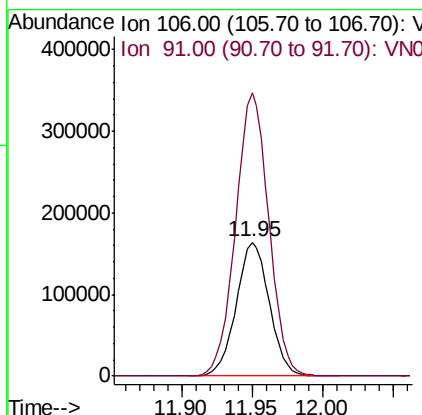
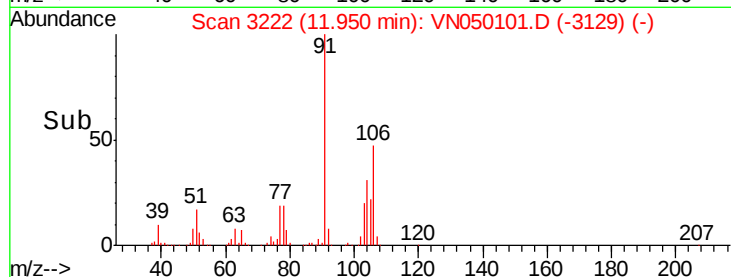
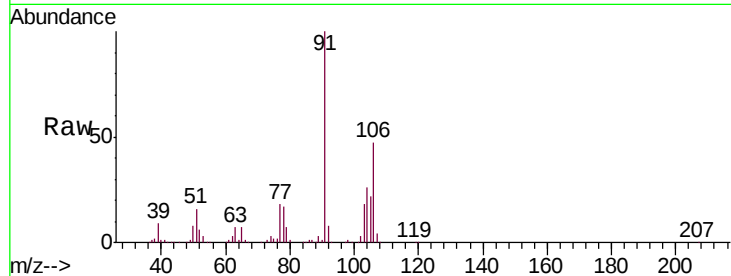




#69
o-Xylene
Concen: 20.83 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

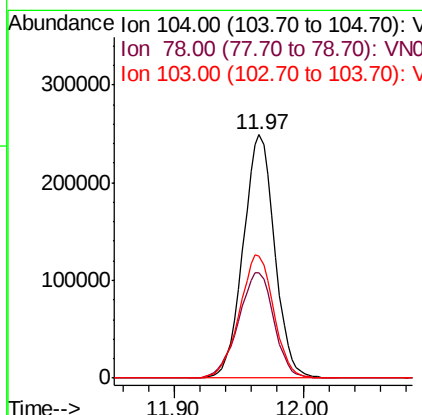
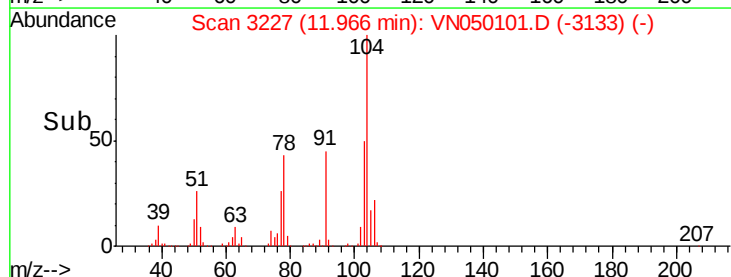
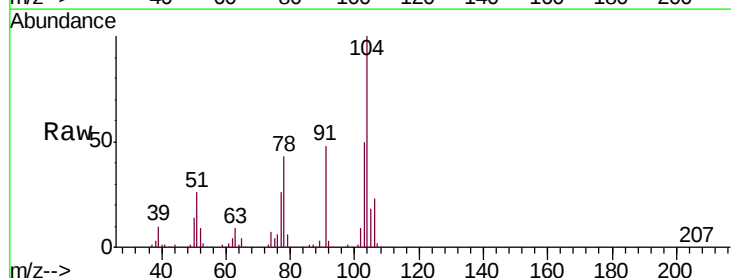
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBSD02

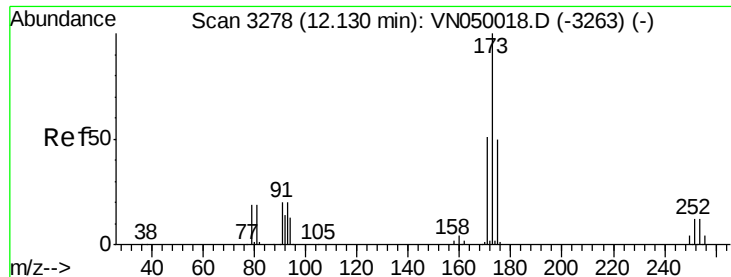
Tot Ion:106 Resp: 268829
Ion Ratio Lower Upper
106 100
91 212.6 107.7 323.1



#70
Styrene
Concen: 18.97 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion:104 Resp: 422028
Ion Ratio Lower Upper
104 100
78 48.9 39.3 58.9
103 55.4 45.0 67.6





#71

Bromoform

Concen: 18.81 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

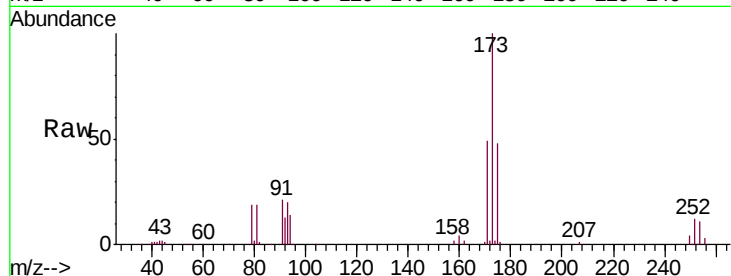
Tot Ion:173 Resp: 117102

Ion Ratio Lower Upper

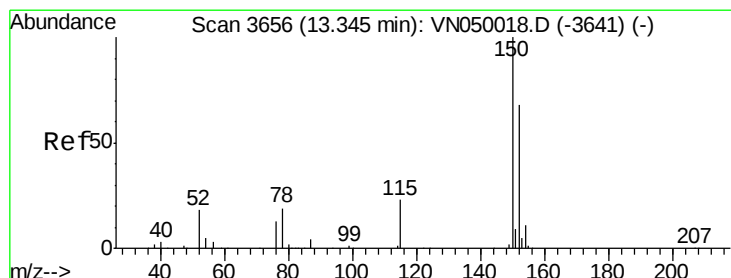
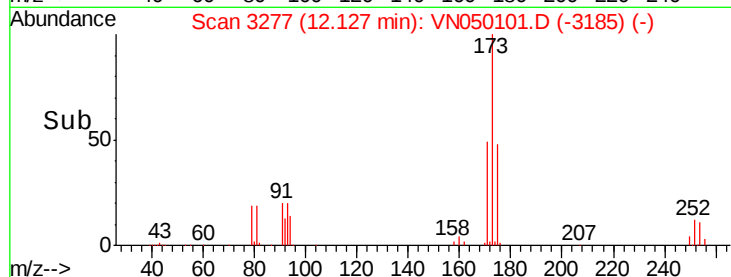
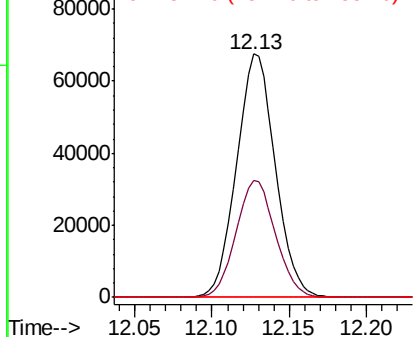
173 100

175 48.9 24.1 72.2

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

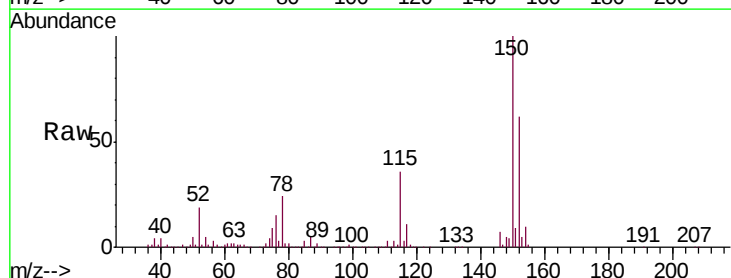
Tgt Ion:152 Resp: 434649

Ion Ratio Lower Upper

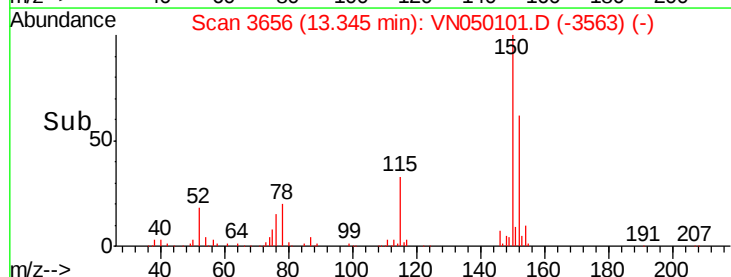
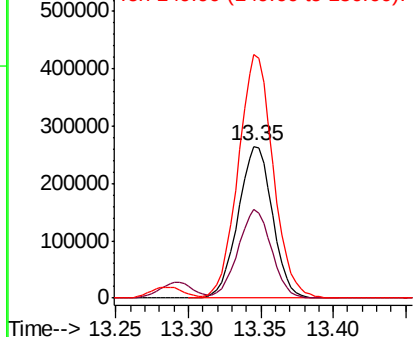
152 100

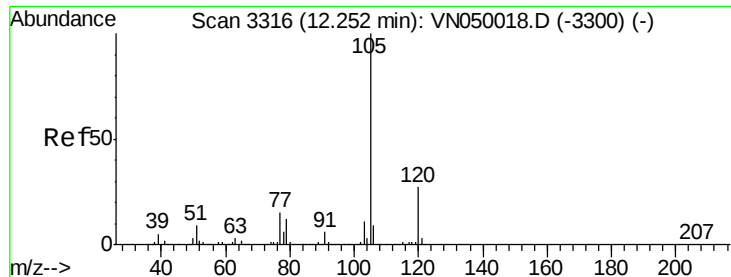
115 57.0 27.8 83.3

150 163.6 0.0 348.6



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





#73

Isopropylbenzene

Concen: 20.88 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

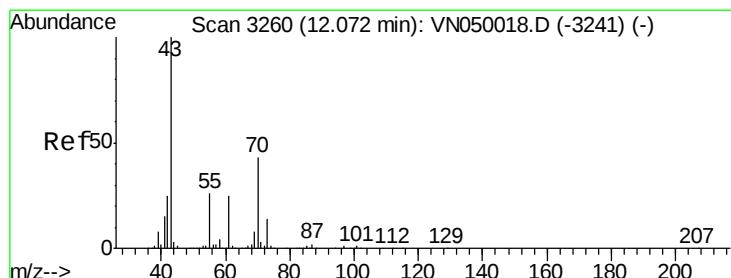
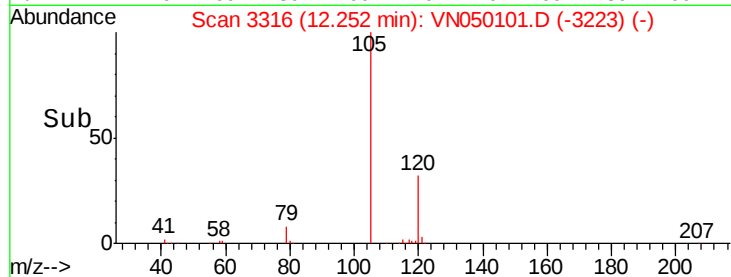
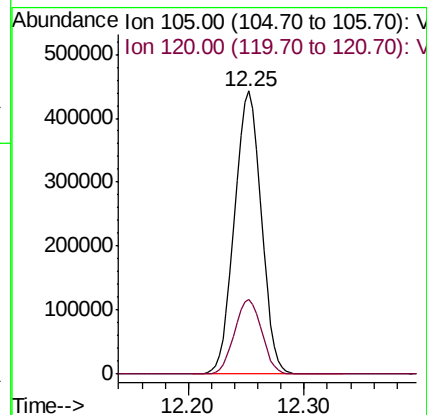
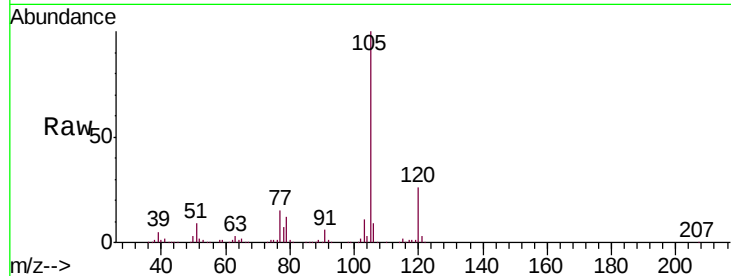
VN0726WBSD02

Tot Ion:105 Resp: 703699

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#74

N-ethyl acetate

Concen: 19.42 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Tgt Ion: 43 Resp: 200078

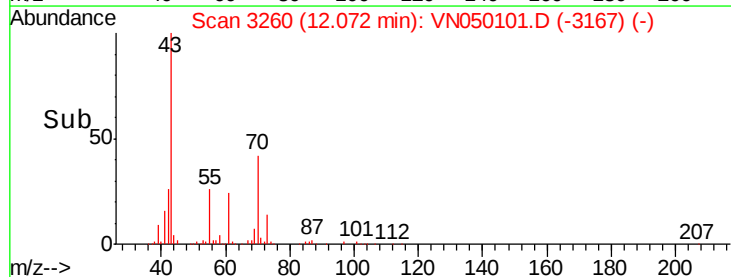
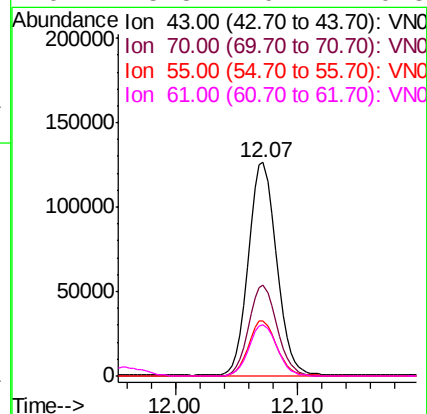
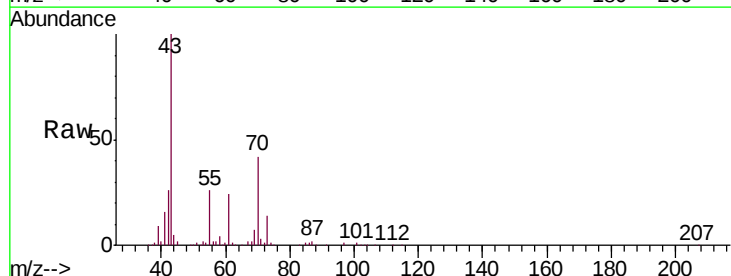
Ion Ratio Lower Upper

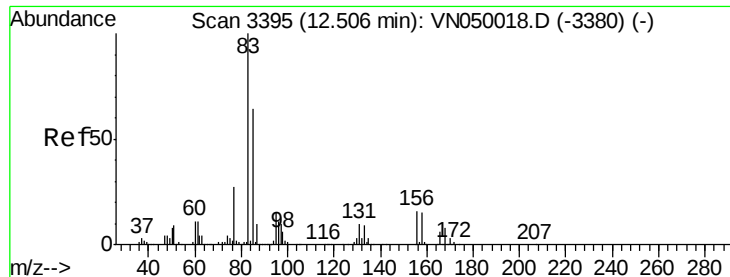
43 100

70 42.6 34.4 51.6

55 26.1 20.8 31.2

61 23.8 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.41 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

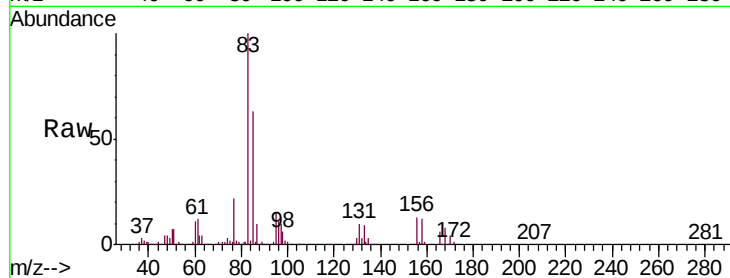
Tot Ion: 83 Resp: 193152

Ion Ratio Lower Upper

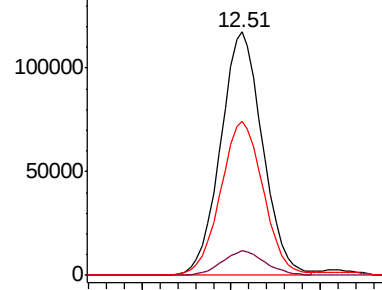
83 100

131 10.4 5.1 15.3

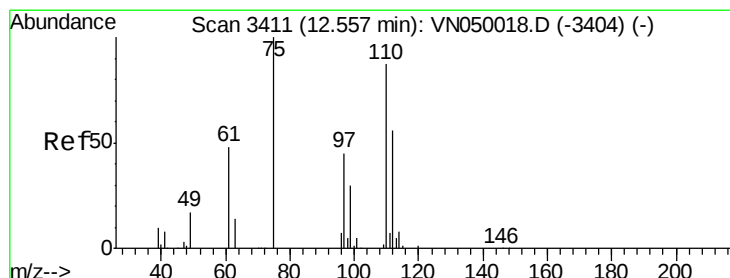
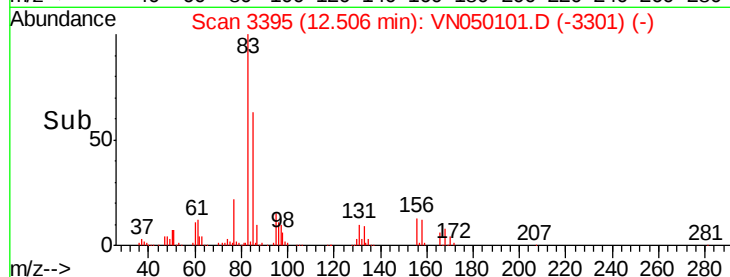
85 64.3 32.3 96.8



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



Time-->



#76

1,2,3-Trichloropropane

Concen: 28.27 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN050101.D

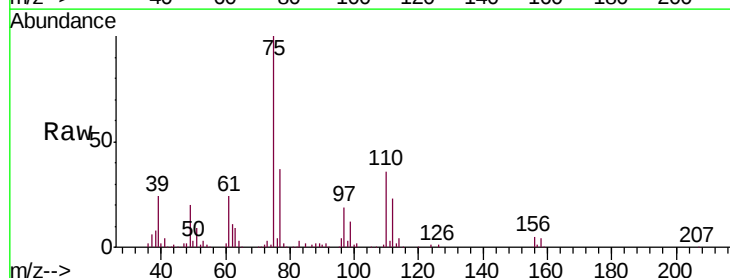
Acq: 26 Jul 2018 23:56

Tgt Ion: 75 Resp: 228340

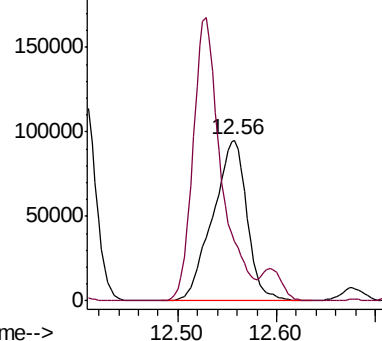
Ion Ratio Lower Upper

75 100

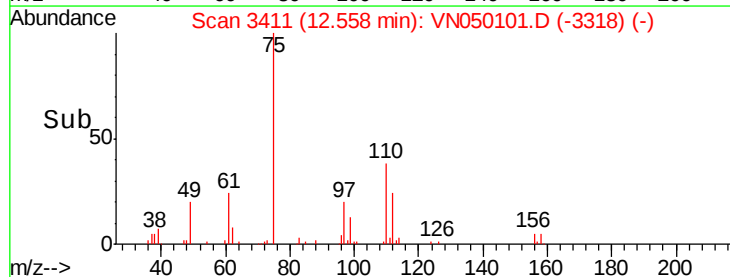
77 0.0 0.0 0.0

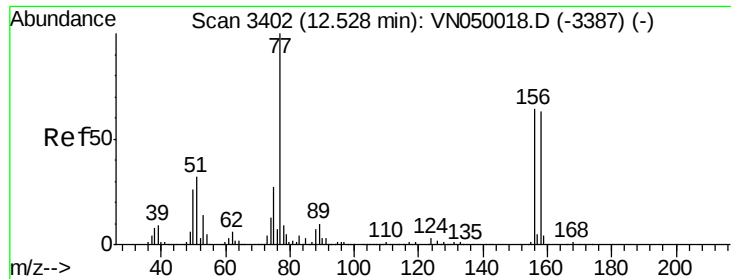


Abundance Ion 74.90 (74.60 to 75.60): VNC
Ion 77.00 (76.70 to 77.70): VNC



Time-->





#77

Bromobenzene

Concen: 19.70 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

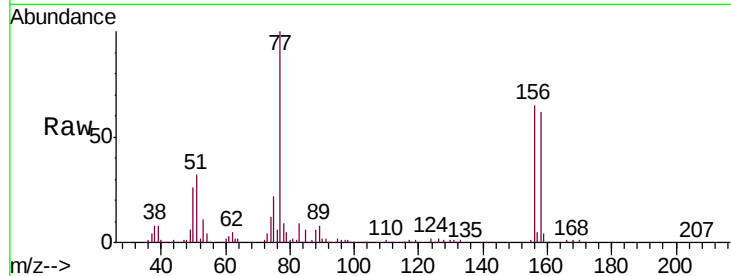
Tot Ion:156 Resp: 184078

Ion Ratio Lower Upper

156 100

77 183.7 91.7 275.1

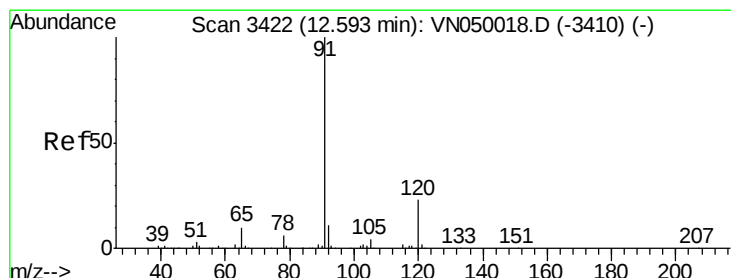
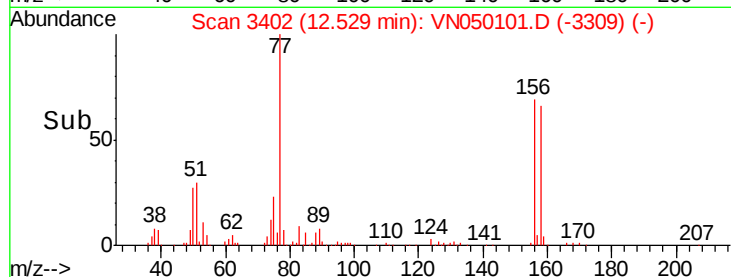
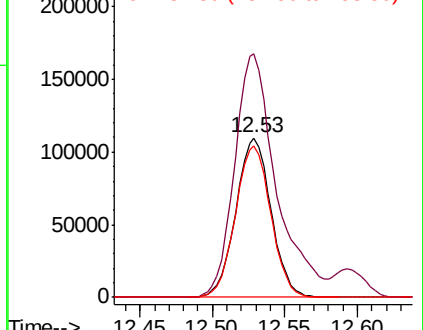
158 95.8 48.9 146.6



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: 21.11 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050101.D

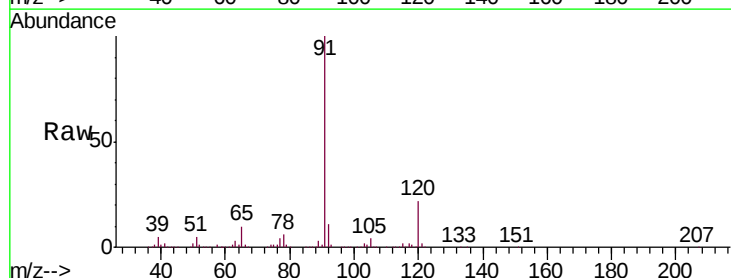
Acq: 26 Jul 2018 23:56

Tgt Ion: 91 Resp: 795229

Ion Ratio Lower Upper

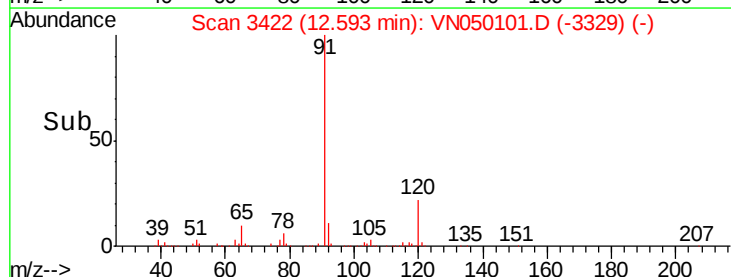
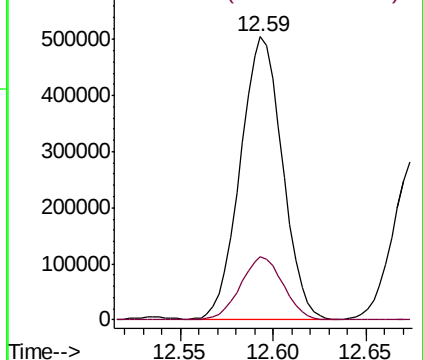
91 100

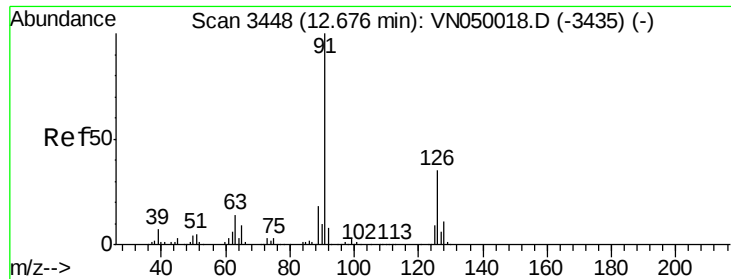
120 22.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.82 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampled :

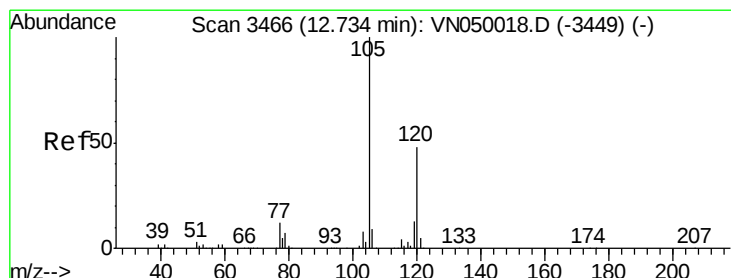
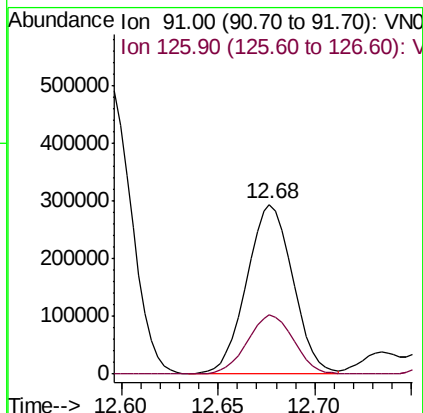
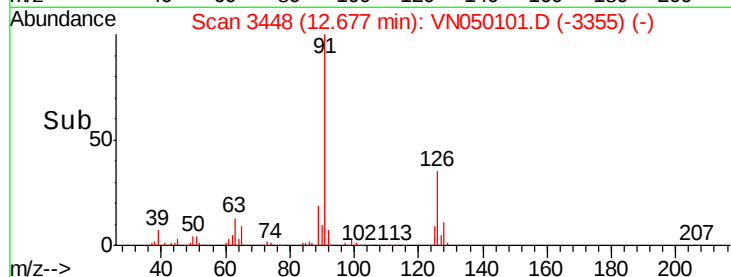
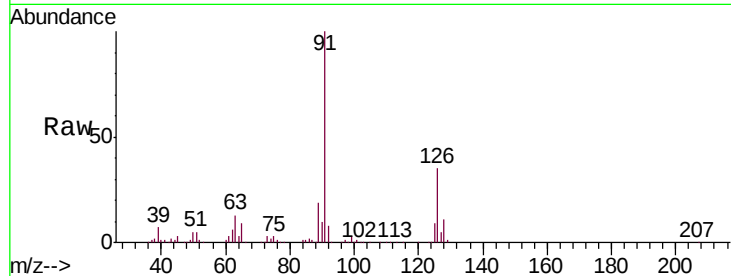
VN0726WBSD02

Tot Ion: 91 Resp: 486260

Ion Ratio Lower Upper

91 100

126 35.2 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 21.87 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050101.D

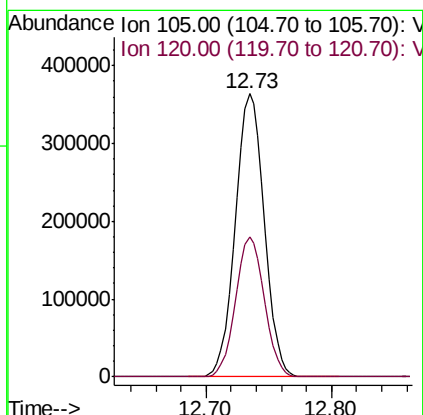
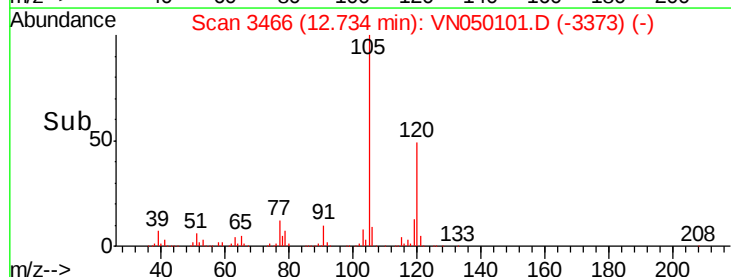
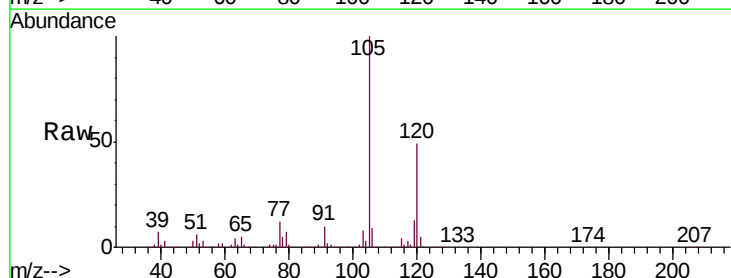
Acq: 26 Jul 2018 23:56

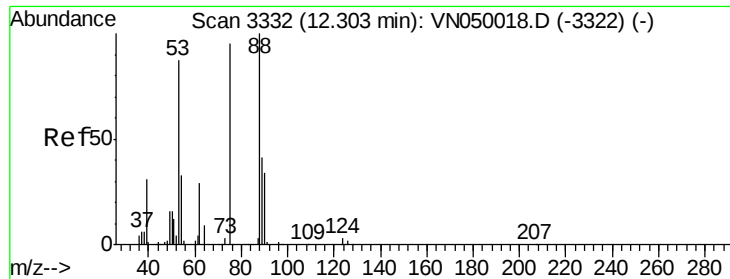
Tgt Ion: 105 Resp: 579945

Ion Ratio Lower Upper

105 100

120 49.3 24.4 73.2

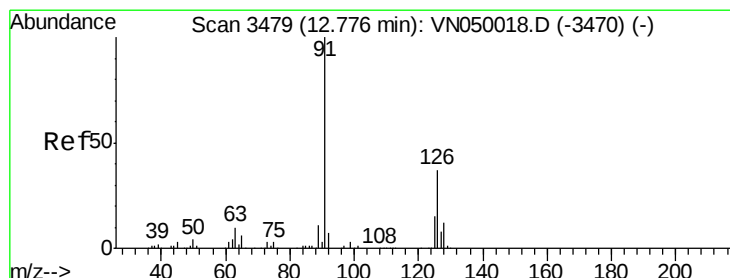
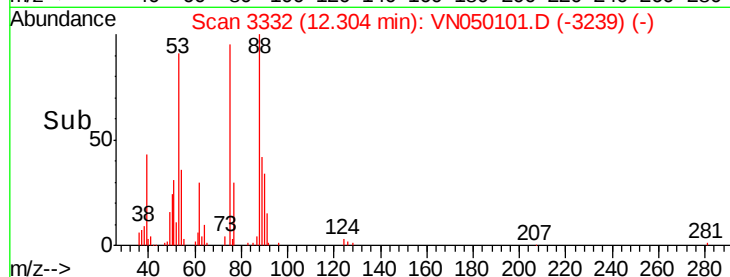
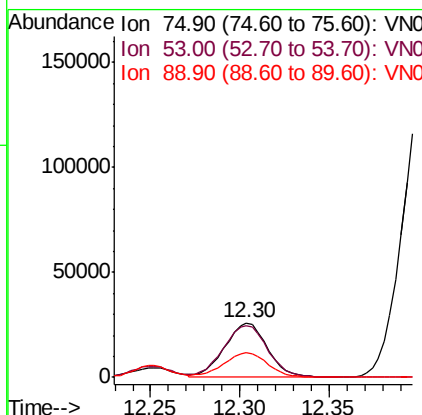
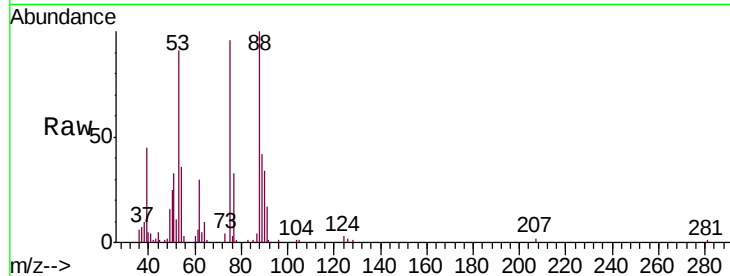




#81
trans-1,4-Dichloro-2-butene
Concen: 17.01 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

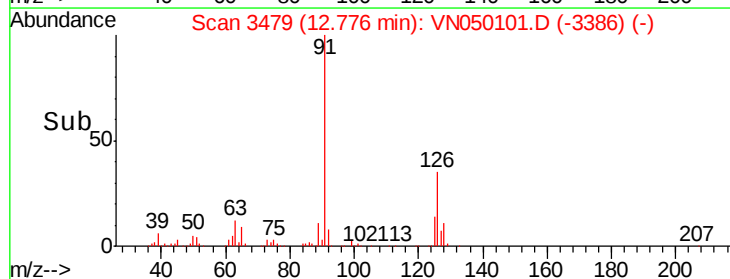
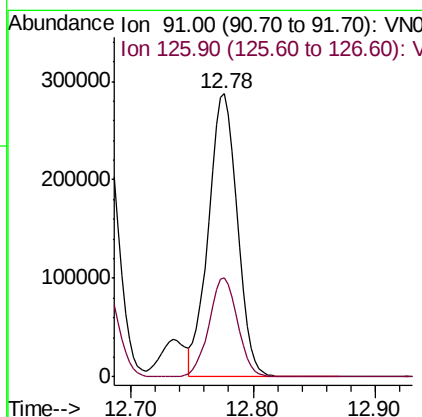
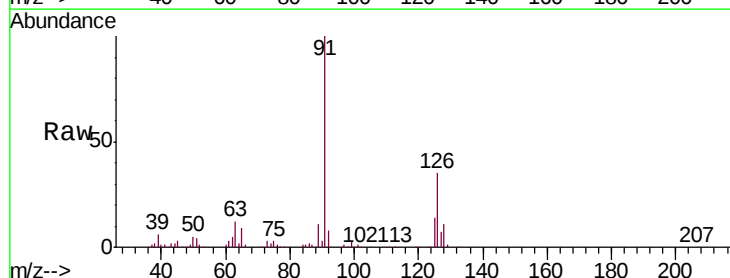
Instrument :
MSVOA_N
ClientSampleId :
VN0726WBSD02

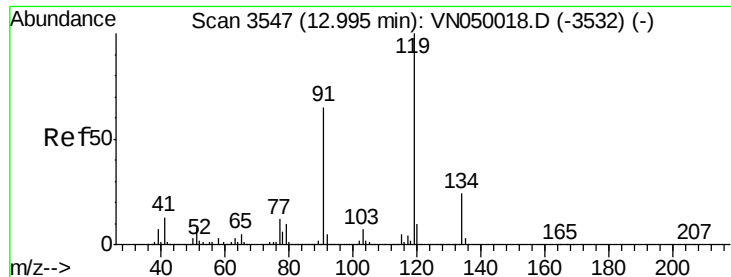
Tot Ion: 75 Resp: 43321
Ion Ratio Lower Upper
75 100
53 99.6 73.5 110.3
89 46.0 36.0 54.0



#82
4-Chlorotoluene
Concen: 20.62 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion: 91 Resp: 476973
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0

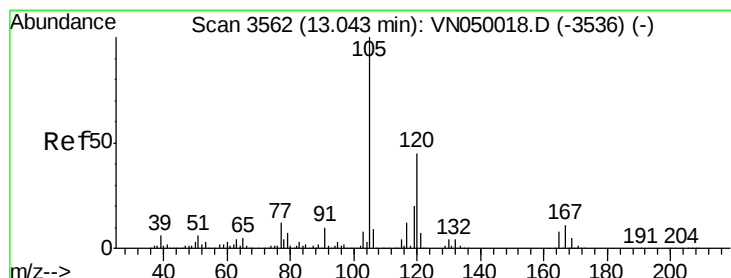
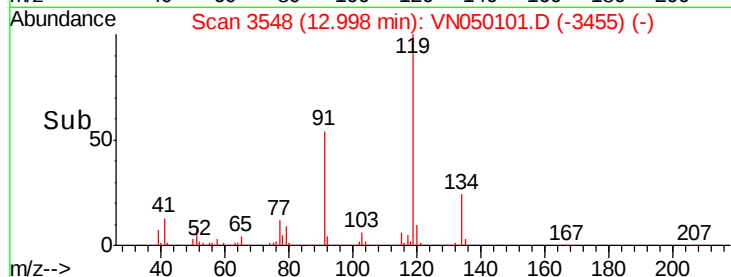
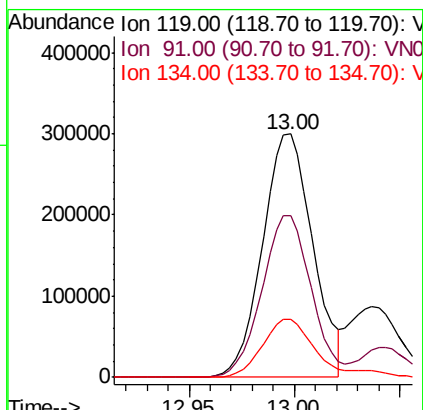
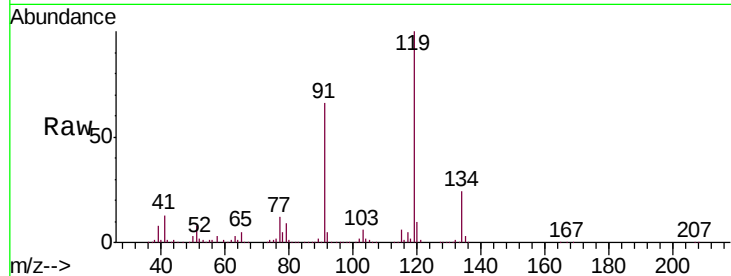




#83
 tert-Butylbenzene
 Concen: 21.51 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

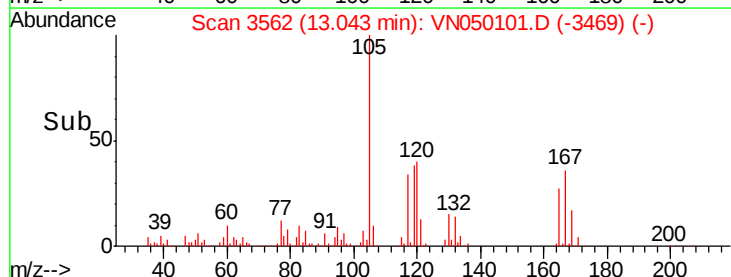
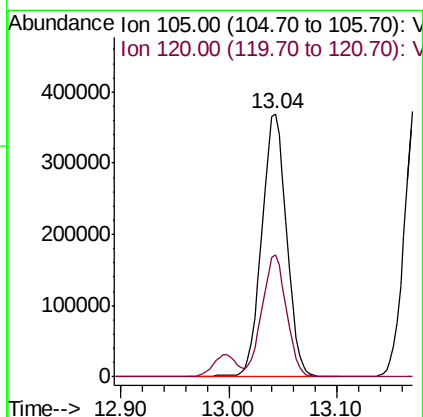
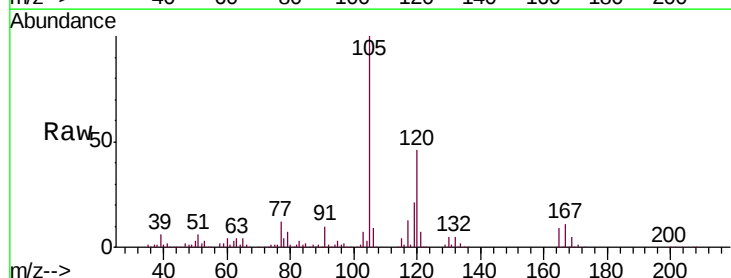
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBSD02

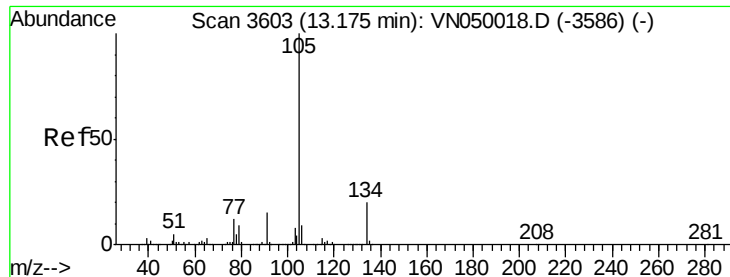
Tot Ion:119 Resp: 497640
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.1 96.3
 134 26.1 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 22.06 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

Tgt Ion:105 Resp: 589704
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.7





#85

sec-Butylbenzene

Concen: 21.24 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

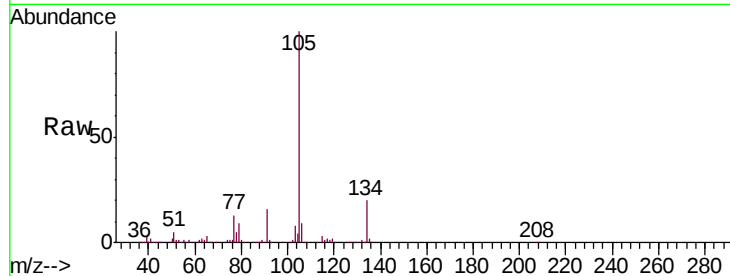
VN0726WBSD02

Tot Ion:105 Resp: 656579

Ion Ratio Lower Upper

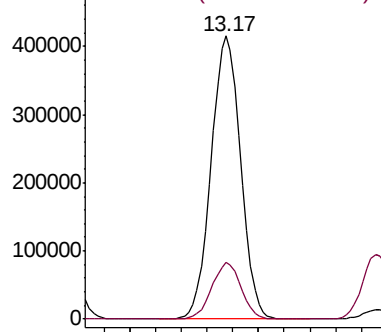
105 100

134 19.9 10.1 30.1

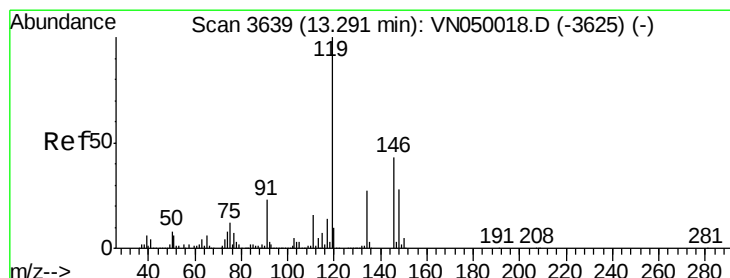
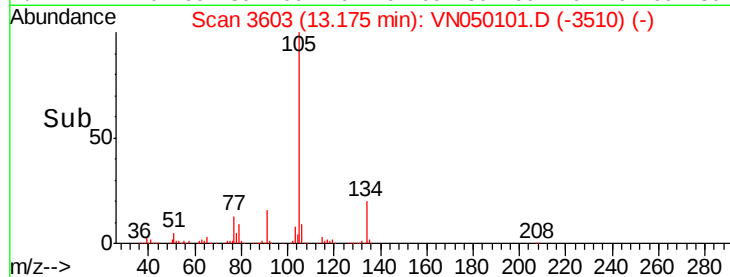


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 21.57 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

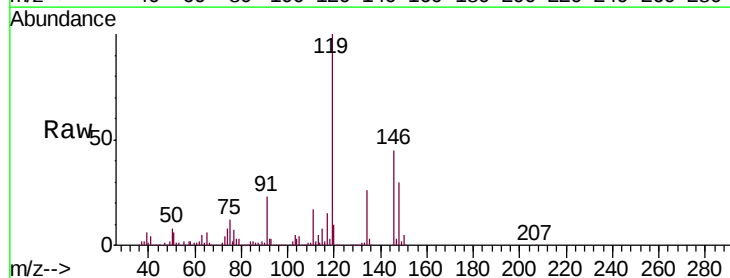
Tgt Ion:119 Resp: 561900

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

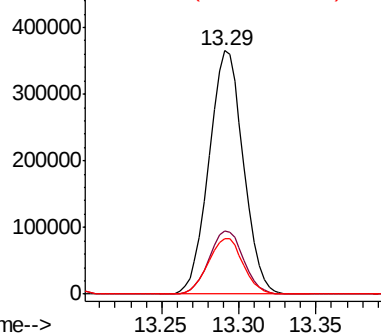
91 23.1 11.4 34.2



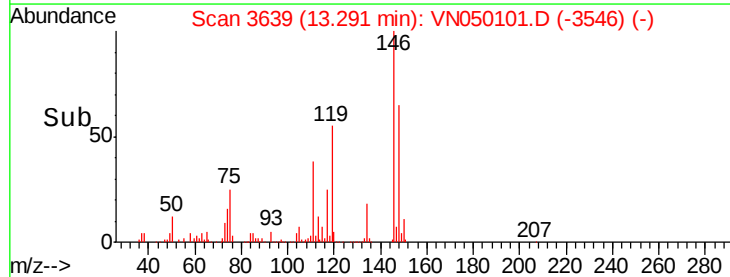
Abundance Ion 119.00 (118.70 to 119.70): V

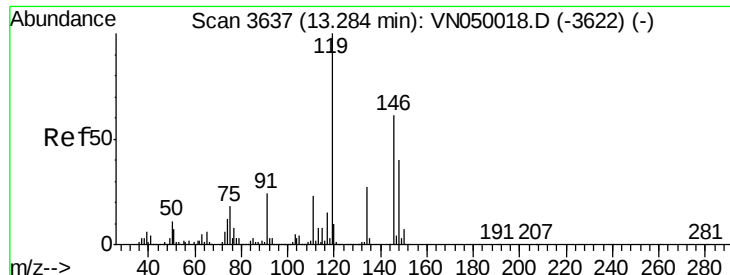
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VNO



Time-->





#87

1,3-Dichlorobenzene

Concen: 19.91 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

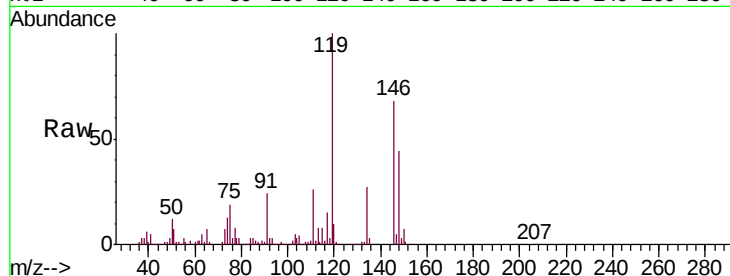
Tot Ion:146 Resp: 315404

Ion Ratio Lower Upper

146 100

111 37.8 18.8 56.4

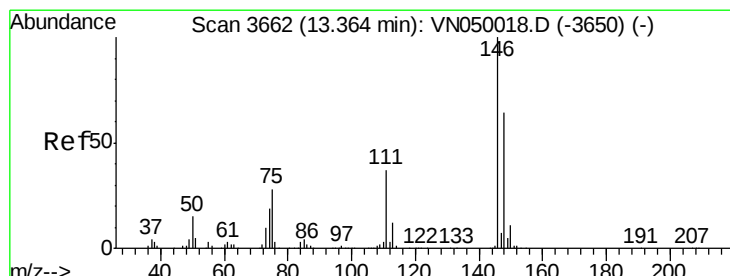
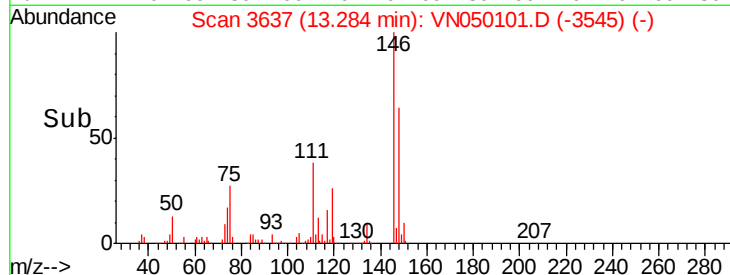
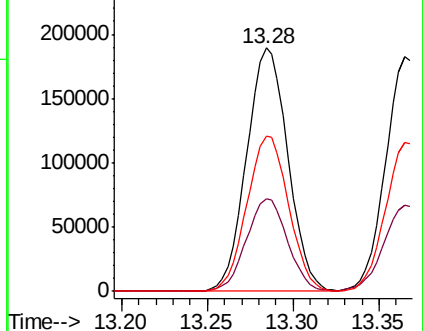
148 64.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.45 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

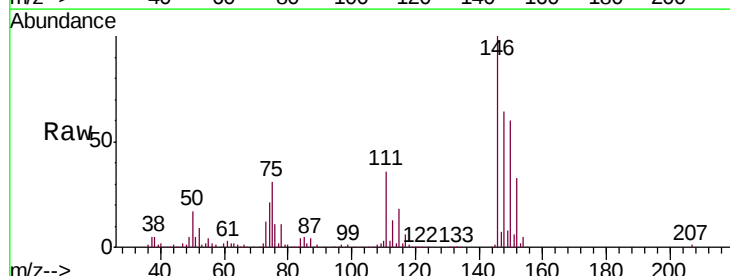
Tgt Ion:146 Resp: 300318

Ion Ratio Lower Upper

146 100

111 38.2 18.3 54.9

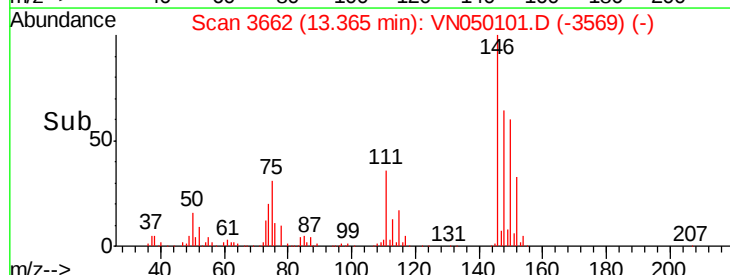
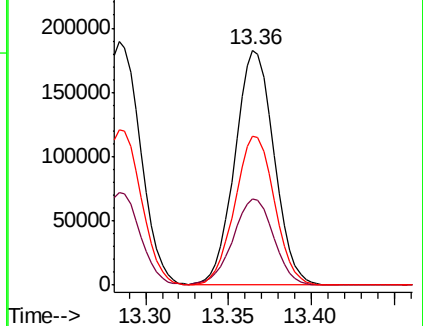
148 64.5 31.9 95.9

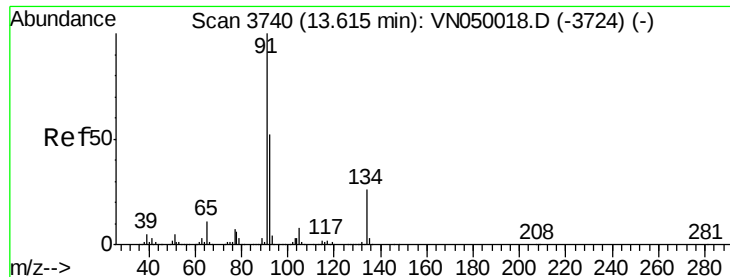


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

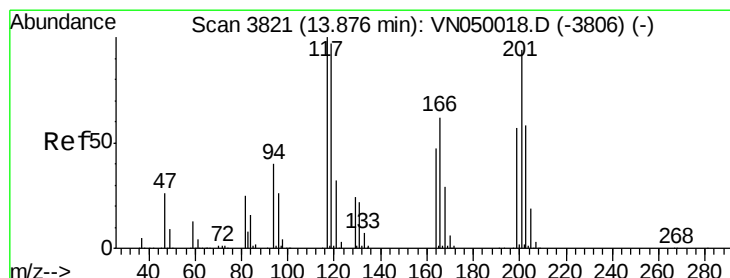
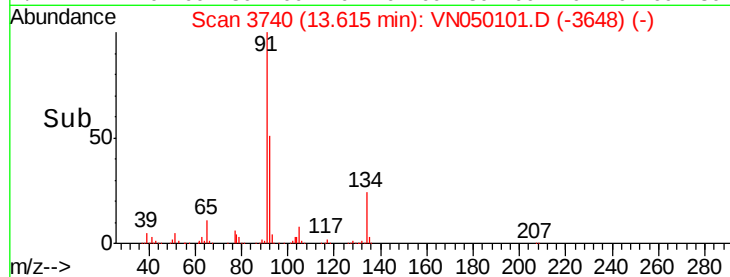
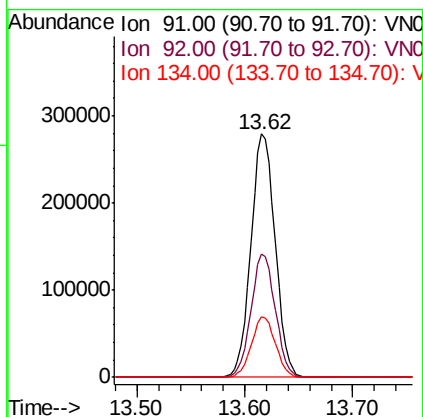
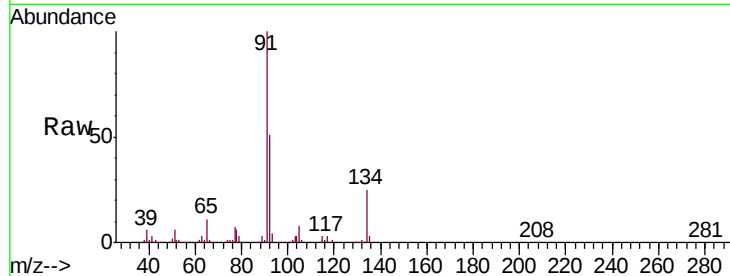




#89
n-Butylbenzene
Concen: 20.34 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

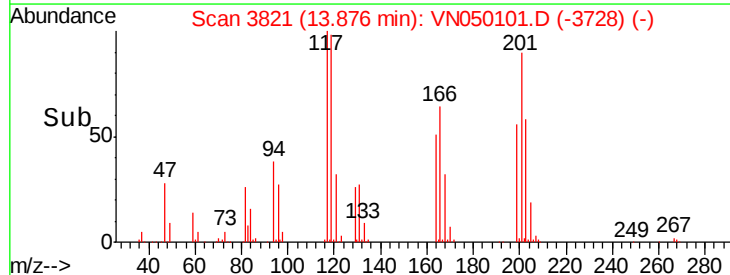
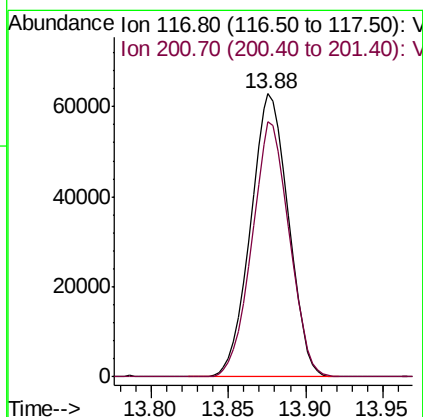
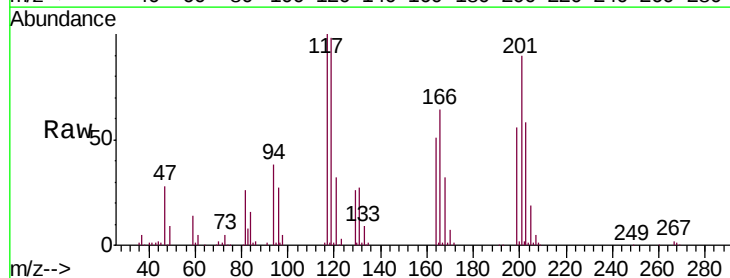
Instrument :
MSVOA_N
ClientSampled :
VN0726WBSD02

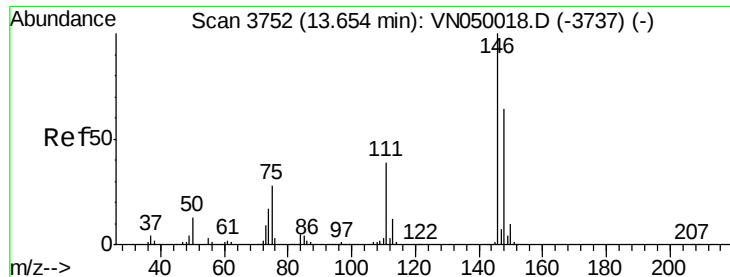
Tot Ion: 91 Resp: 435741
Ion Ratio Lower Upper
91 100
92 50.4 25.8 77.4
134 24.6 12.8 38.4



#90
Hexachloroethane
Concen: 18.54 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion: 117 Resp: 107273
Ion Ratio Lower Upper
117 100
201 88.5 45.6 136.8





#91

1,2-Dichlorobenzene

Concen: 19.70 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN0726WBSD02

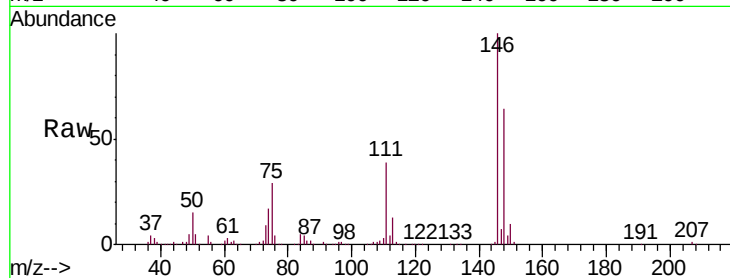
Tot Ion:146 Resp: 311869

Ion Ratio Lower Upper

146 100

111 40.0 19.6 58.7

148 64.2 32.1 96.3

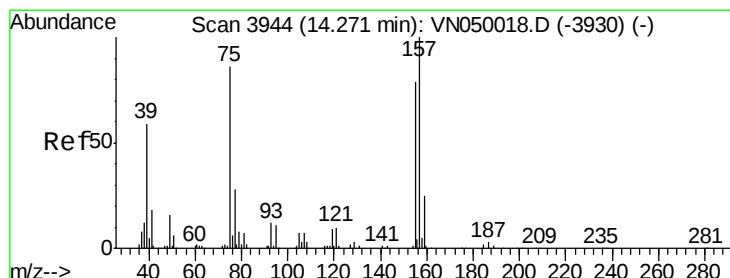
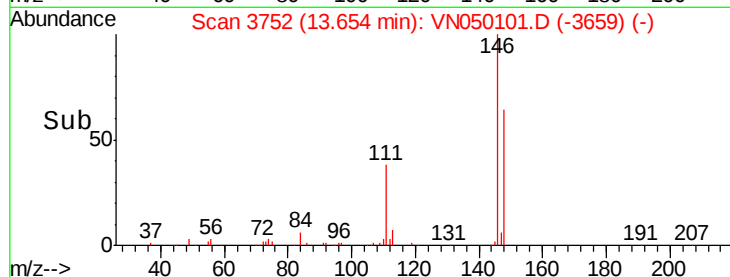
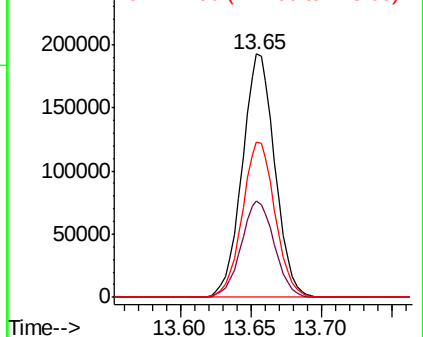


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.87 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050101.D

Acq: 26 Jul 2018 23:56

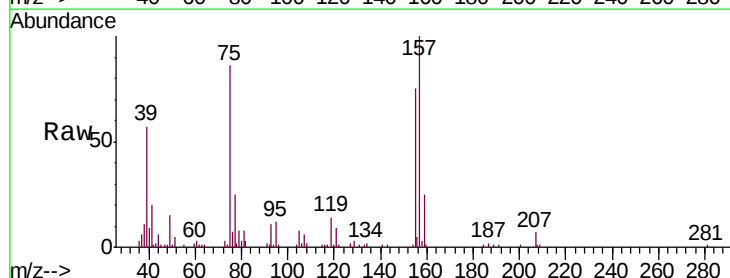
Tgt Ion: 75 Resp: 30583

Ion Ratio Lower Upper

75 100

155 88.5 44.8 134.4

157 113.5 57.2 171.6

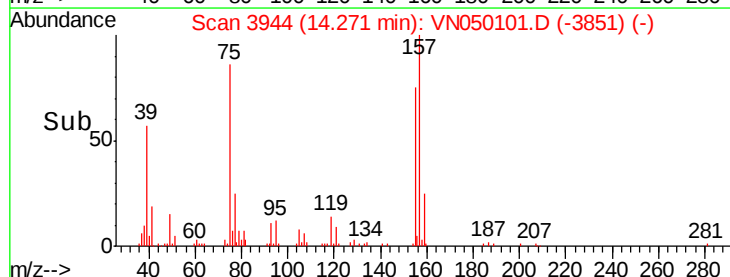
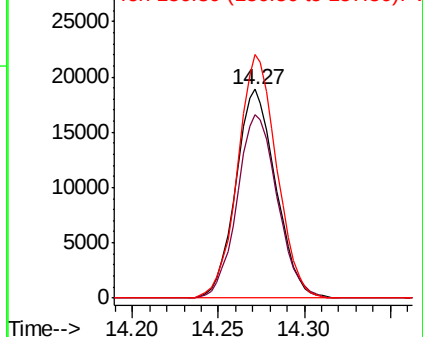


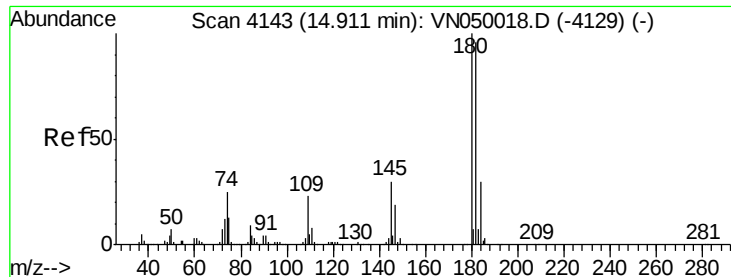
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

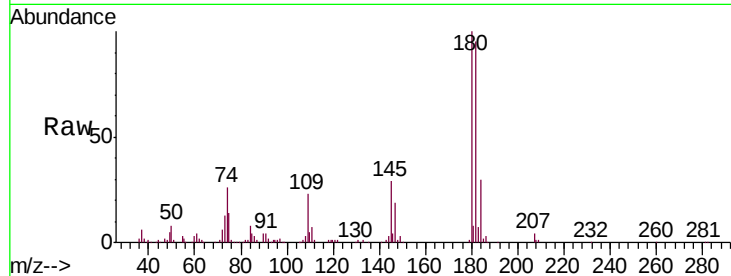




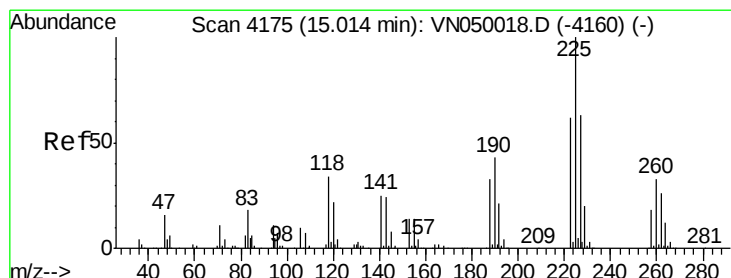
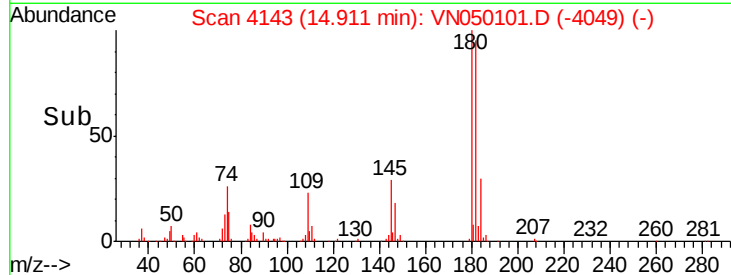
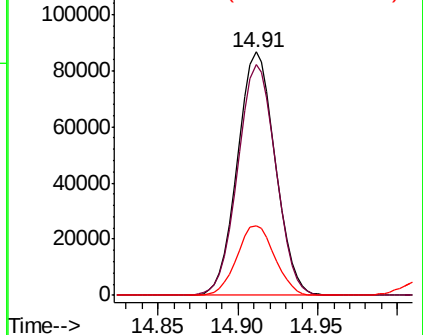
#93
 1,2,4-Trichlorobenzene
 Concen: 18.64 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0726WBSD02

Tot Ion:180 Resp: 139232
 Ion Ratio Lower Upper
 180 100
 182 95.1 46.7 140.1
 145 28.7 13.8 41.4

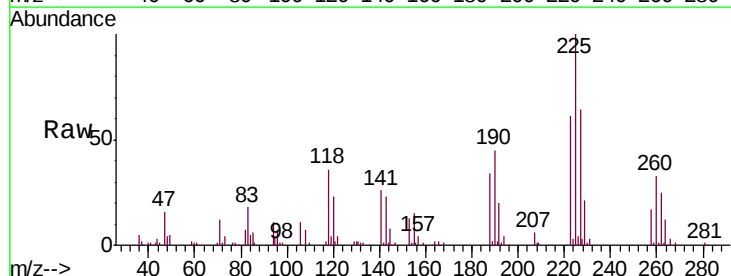


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

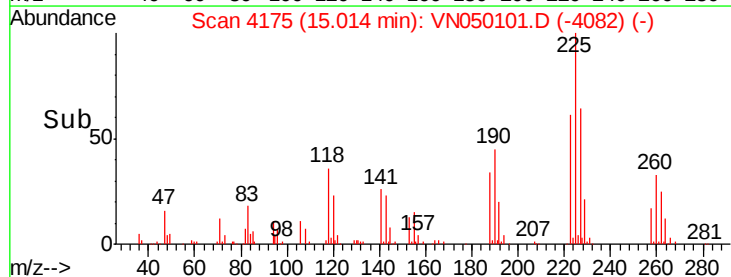
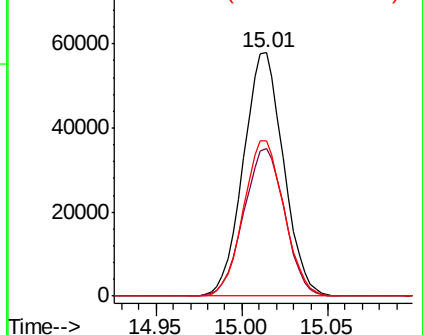


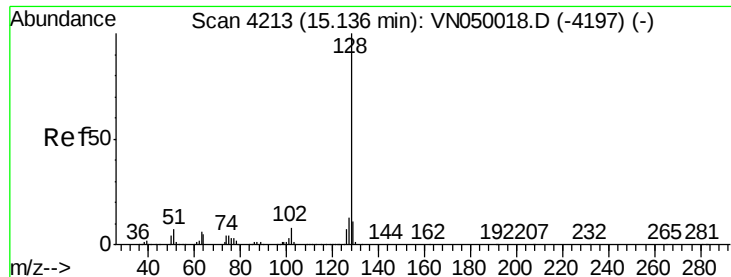
#94
 Hexachlorobutadiene
 Concen: 19.37 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050101.D
 Acq: 26 Jul 2018 23:56

Tgt Ion:225 Resp: 93860
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.4 94.2
 227 64.3 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

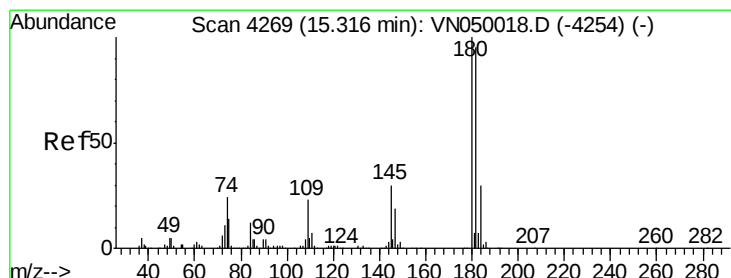
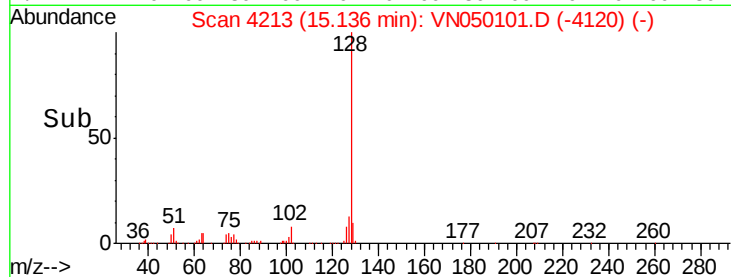
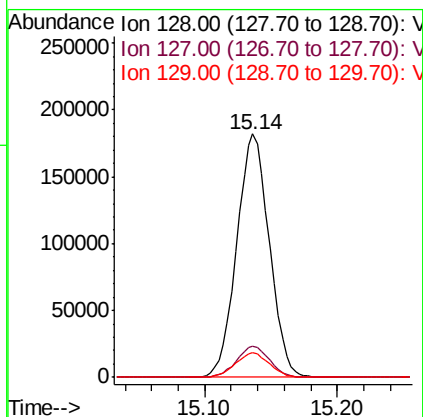
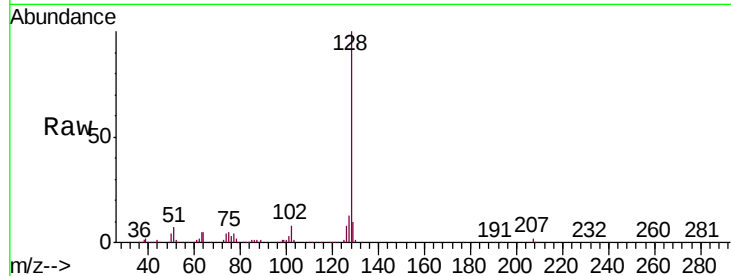




#95
Naphthalene
Concen: 18.66 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN0726WBSD02

Tot Ion:128 Resp: 310044
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.37 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050101.D
Acq: 26 Jul 2018 23:56

Tgt Ion:180 Resp: 146881
Ion Ratio Lower Upper
180 100
182 95.3 48.1 144.4
145 31.0 15.3 45.9

