

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
 Data File : VN052099.D
 Acq On : 1 Nov 2018 13:20
 Operator : MD\SY
 Sample : VN1101WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Quant Time: Nov 02 05:44:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	60024	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	359807	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	321051	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	134108	30.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.33%
60) 4-Bromofluorobenzene	12.40	95	153523	29.89	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.63%
63) Toluene-d8	10.09	98	450871	29.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.53%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	78735	19.640 ug/l	97
3) Chloromethane	2.06	50	90370	19.724 ug/l	100
4) Vinyl Chloride	2.19	62	90410	20.115 ug/l	93
5) Bromomethane	2.57	94	63944	20.843 ug/l	96
6) Chloroethane	2.71	64	56223	19.563 ug/l	99
7) Trichlorofluoromethane	3.02	101	119560	19.643 ug/l	95
8) Diethyl Ether	3.41	74	41320	20.106 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	42777	12.025 ug/l	48
10) 1,1-Dichloroethene	3.74	96	63873	19.242 ug/l	95
11) Methyl Iodide	3.96	142	88641	18.470 ug/l	93
12) Methyl Acetate	4.33	43	57299	20.508 ug/l	99
13) Acrolein	3.61	56	27714	93.519 ug/l	98
14) Acrylonitrile	4.99	53	119998	96.850 ug/l	98
15) Acetone	3.82	58	29047	99.193 ug/l	85
16) Carbon Disulfide	4.06	76	180094	18.375 ug/l	95
17) Allyl chloride	4.33	41	104313	18.509 ug/l	95
18) Methylene Chloride	4.55	84	79249	19.343 ug/l	94
19) trans-1,2-Dichloroethene	5.05	96	71059	19.538 ug/l	96
20) Diisopropyl ether	5.95	45	246338	20.114 ug/l	98
21) 1,1-Dichloroethane	5.85	63	137753	19.247 ug/l	98
22) cis-1,2-Dichloroethene	6.83	96	81852	19.273 ug/l	99
23) tert-Butyl Alcohol	4.79	59	19823	102.685 ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	189603	20.148 ug/l	99
25) Chloroform	7.37	83	141577	19.700 ug/l	100
26) Cyclohexane	7.66	56	124912	19.469 ug/l #	95
29) 1,1-Dichloropropene	7.80	75	104730	18.334 ug/l	97
30) 2-Butanone	6.84	43	148751	97.781 ug/l #	73
31) 2,2-Dichloropropane	6.83	77	107930	18.342 ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	118389	18.523 ug/l	98
33) Carbon Tetrachloride	7.77	117	101761	17.902 ug/l	95
34) Benzene	8.05	78	318546	19.045 ug/l	97
35) Methacrylonitrile	7.17	41	39761	19.055 ug/l #	70
36) 1,2-Dichloroethane	8.13	62	103643	18.533 ug/l	97
37) Trichloroethene	8.84	130	76853	18.358 ug/l	93
38) Methylcyclohexane	9.08	83	124070	17.804 ug/l	99
39) 1,2-Dichloropropane	9.12	63	83095	18.663 ug/l	93
40) Dibromomethane	9.21	93	52042	18.963 ug/l	98

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 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Quant Time: Nov 02 05:44:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	103644	18.458	ug/l	99
42) Vinyl Acetate	5.90	43	851298	95.588	ug/l	100
43) Ethyl Acetate	7.21	43	20146	2.635	ug/l	100
44) Isopropyl Acetate	8.17	43	127104	20.080	ug/l	92
45) 1,4-Dioxane	9.20	88	12687	439.361	ug/l #	82
46) Methyl methacrylate	9.20	41	65424	20.764	ug/l	91
47) n-amyl Acetate	12.07	43	106719	18.600	ug/l #	100
48) t-1,3-Dichloropropene	10.38	75	101024	18.118	ug/l	98
49) cis-1,3-Dichloropropene	9.84	75	117971	18.331	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	68980	19.008	ug/l	98
51) Ethyl methacrylate	10.43	69	87552	18.667	ug/l	98
52) 1,3-Dichloropropane	10.71	76	120481	19.059	ug/l	98
53) Dibromochloromethane	10.90	129	72582	18.526	ug/l	96
54) 1,2-Dibromoethane	11.01	107	68668	18.659	ug/l	97
55) 2-Chloroethyl vinyl ether	9.70	63	256319	99.798	ug/l	99
56) Bromoform	12.13	173	38476	17.003	ug/l	97
58) 4-Methyl-2-Pentanone	9.99	43	338197	98.307	ug/l	100
59) 2-Hexanone	10.75	43	223149	94.207	ug/l	99
61) Tetrachloroethene	10.63	164	65276	18.695	ug/l	93
62) Toluene	10.16	91	346342	19.217	ug/l	98
64) Chlorobenzene	11.43	112	213541	18.695	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	70829	18.219	ug/l	98
66) Ethyl Benzene	11.51	91	368136	18.910	ug/l	98
67) m/p-Xylenes	11.62	106	282624	37.709	ug/l	99
68) o-Xylene	11.95	106	135607	18.978	ug/l	99
69) Styrene	11.96	104	218583	18.983	ug/l	99
70) Isopropylbenzene	12.25	105	364599	19.007	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	81241	19.255	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	102918	27.742	ug/l	53
73) Bromobenzene	12.53	156	78844	18.549	ug/l	98
74) n-propylbenzene	12.59	91	417657	18.697	ug/l	98
75) 2-Chlorotoluene	12.67	91	243865	18.936	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	293884	19.106	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	19923	17.164	ug/l	96
78) 4-Chlorotoluene	12.77	91	247225	19.063	ug/l	99
79) tert-butylbenzene	12.99	119	257476	19.216	ug/l	98
80) 1,2,4-Trimethylbenzene	13.04	105	291824	19.044	ug/l	97
81) sec-Butylbenzene	13.17	105	345304	18.726	ug/l	100
82) p-Isopropyltoluene	13.29	119	291470	18.704	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	144180	19.177	ug/l	95
84) 1,4-Dichlorobenzene	13.36	146	140024	18.813	ug/l	96
85) n-Butylbenzene	13.62	91	246634	18.286	ug/l	99
86) Hexachloroethane	13.87	117	47045	17.890	ug/l	98
87) 1,2-Dichlorobenzene	13.65	146	132327	18.525	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	10802	18.723	ug/l	92
89) 1,2,4-Trichlorobenzene	14.91	180	51094	17.621	ug/l	99
90) Hexachlorobutadiene	15.01	225	29586	18.650	ug/l	97
91) Naphthalene	15.13	128	120643	18.051	ug/l	100
92) 1,2,3-Trichlorobenzene	15.32	180	46904	18.560	ug/l	99

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Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Quant Time: Nov 02 05:44:22 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 02 05:39:38 2018
Response via : Initial Calibration

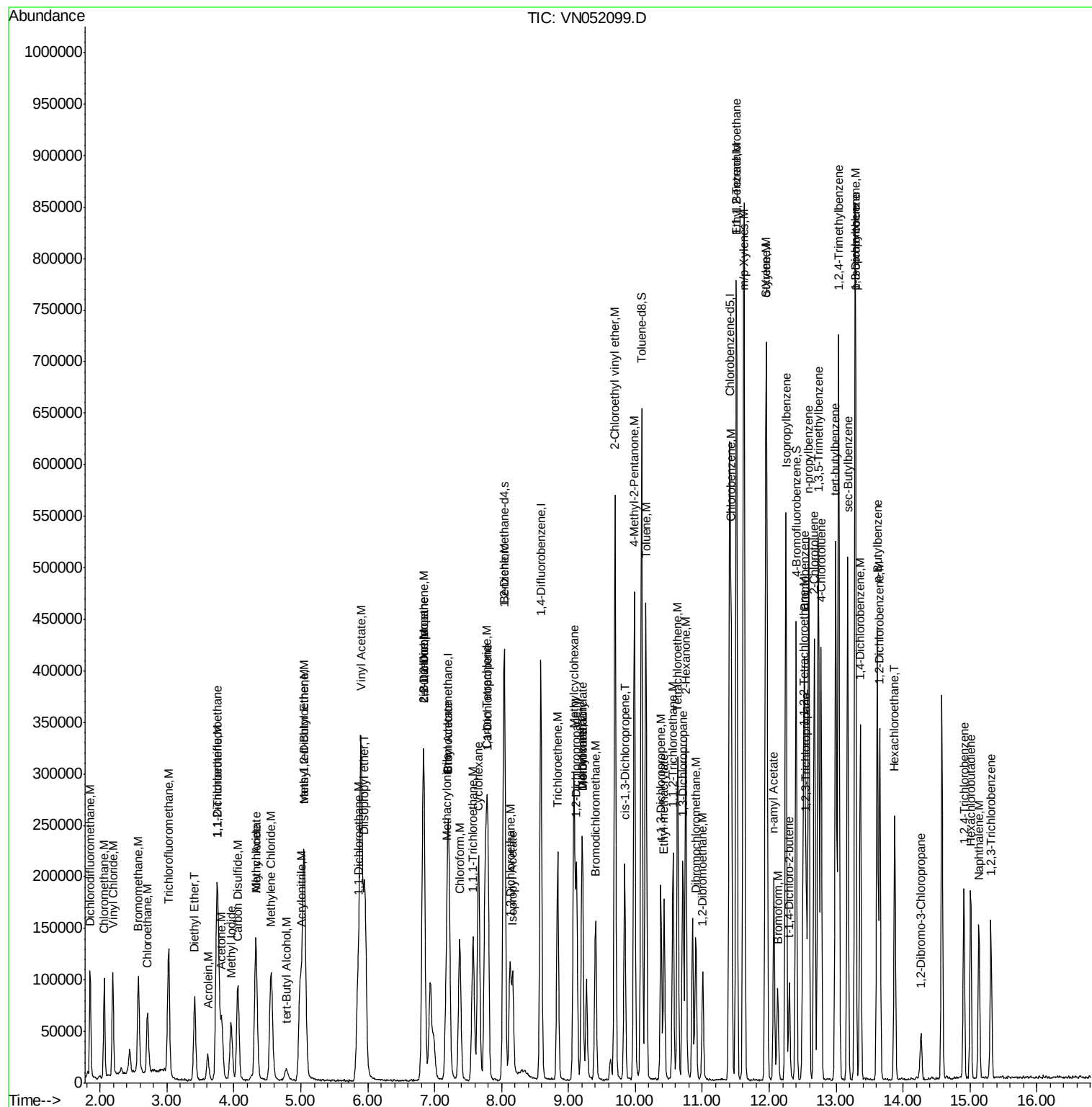
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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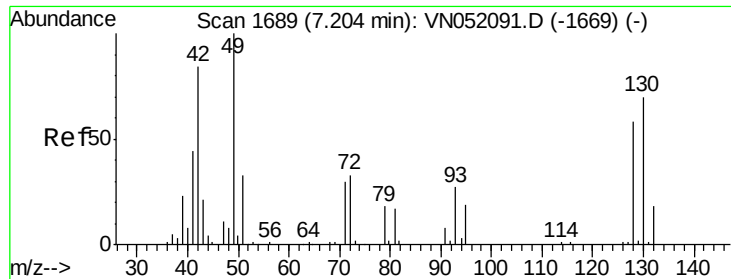
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
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Instrument :
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Quant Time: Nov 02 05:44:22 2018
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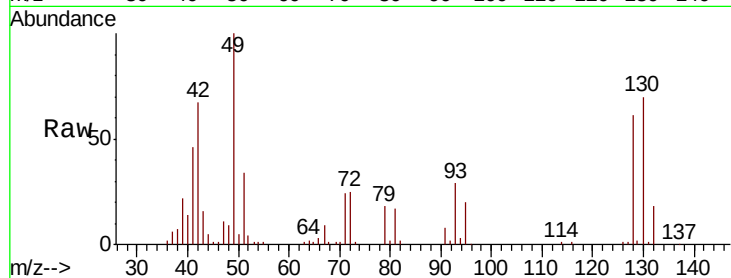




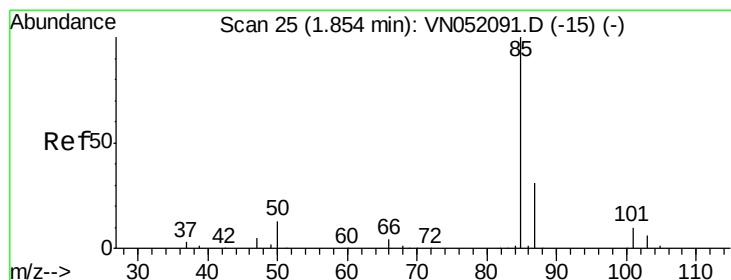
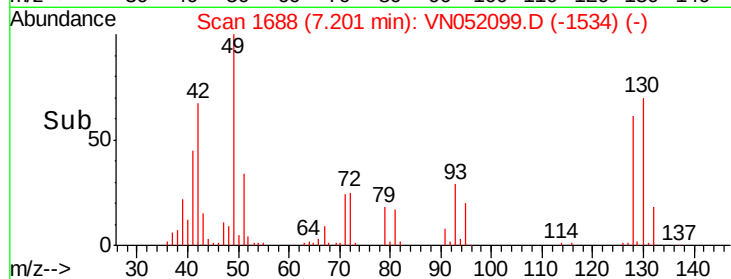
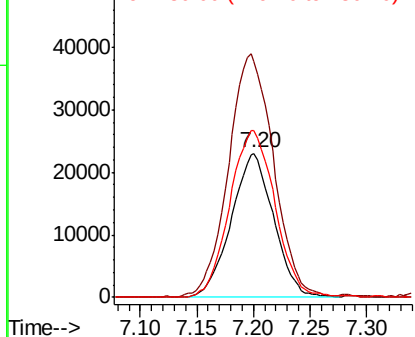
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

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MSVOA_N
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VN1101WBSD01

Tgt Ion:128 Resp: 60024
Ion Ratio Lower Upper
128 100
49 180.4 0.0 453.7
130 124.3 0.0 308.8

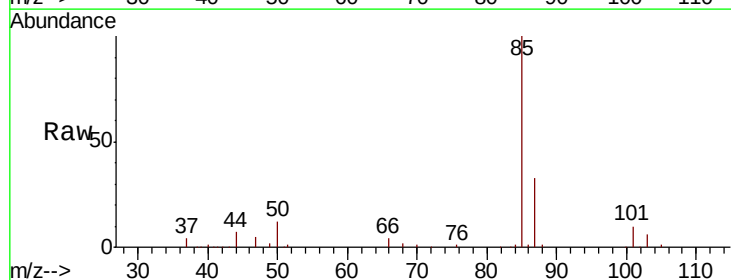


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

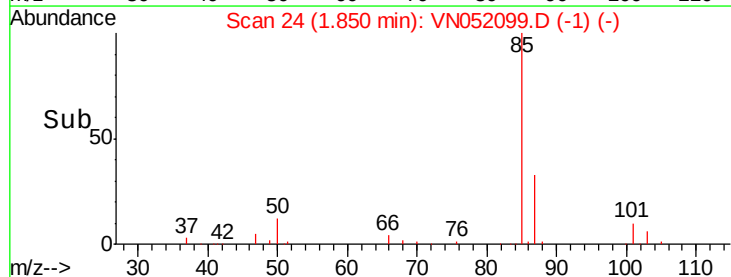
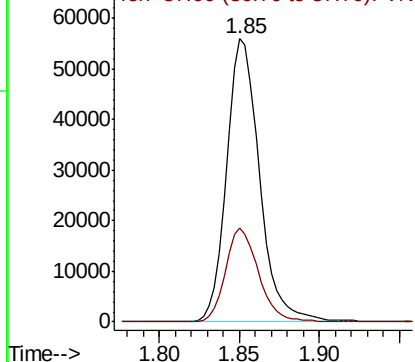


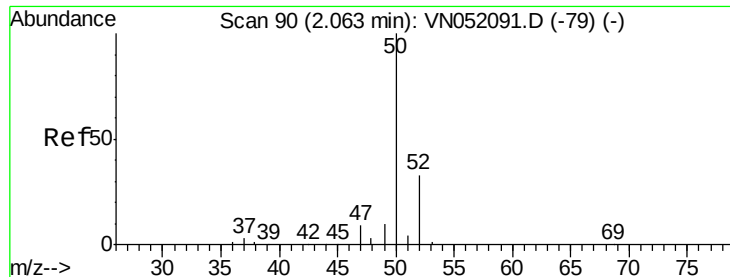
#2
Dichlorodifluoromethane
Concen: 19.640 ug/l
RT: 1.85 min Scan# 24
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion: 85 Resp: 78735
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.1



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.724 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

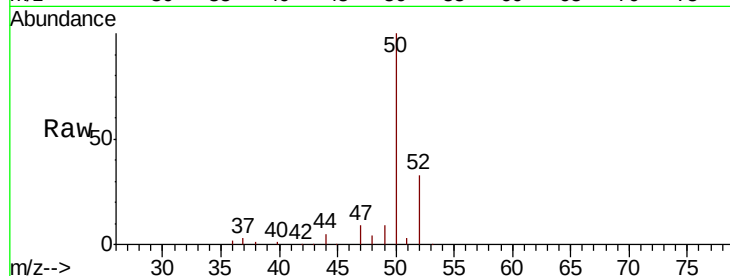
VN1101WBSD01

Tgt Ion: 50 Resp: 90370

Ion Ratio Lower Upper

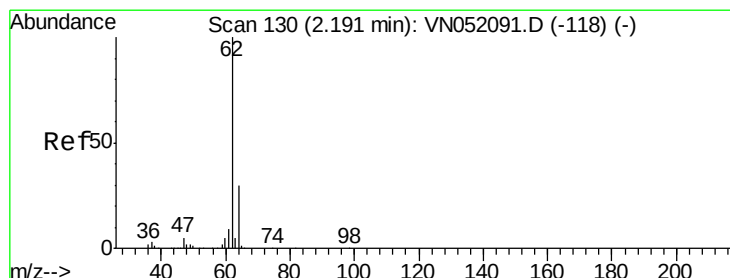
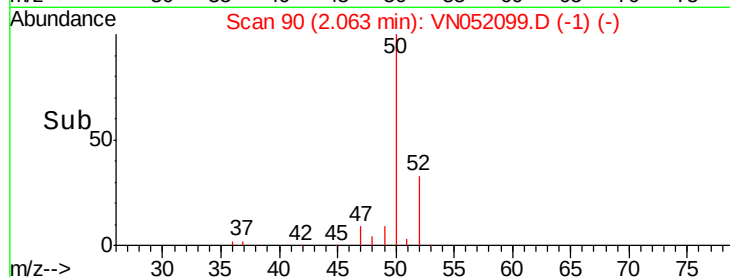
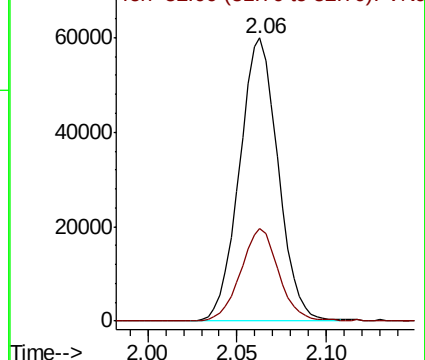
50 100

52 32.9 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 20.115 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052099.D

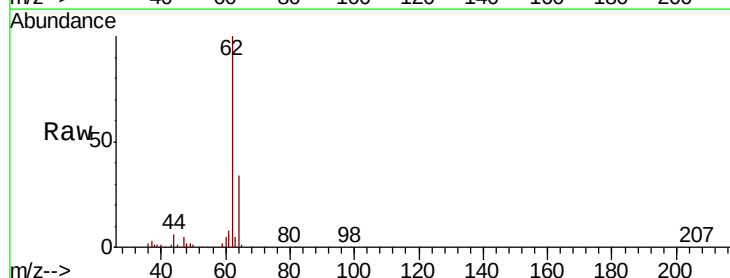
Acq: 1 Nov 2018 13:20

Tgt Ion: 62 Resp: 90410

Ion Ratio Lower Upper

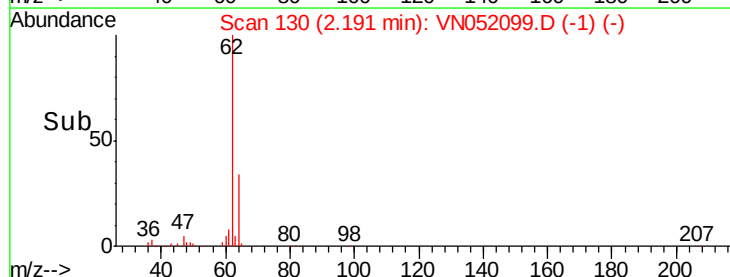
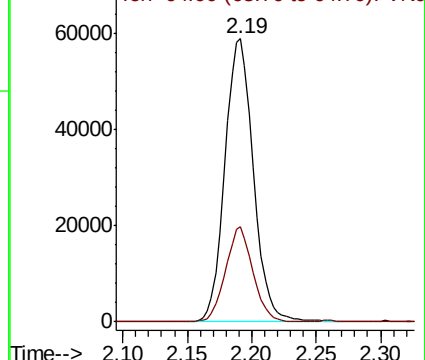
62 100

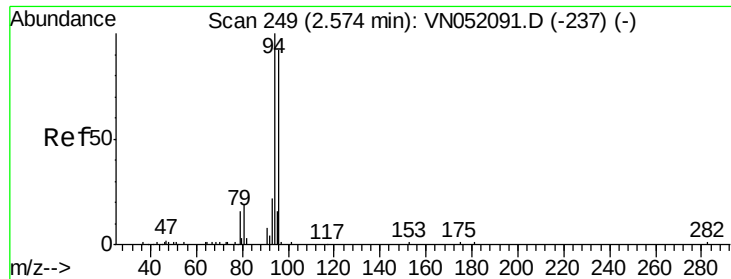
64 33.9 24.2 36.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 20.843 ug/l

RT: 2.57 min Scan# 249

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

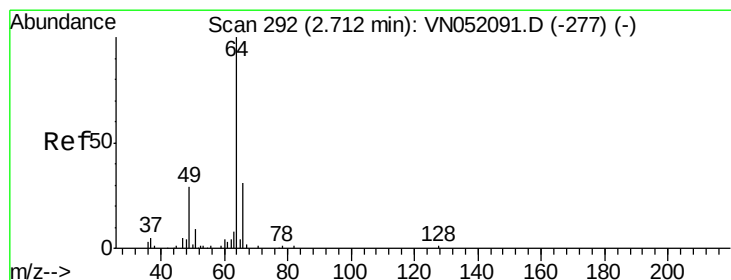
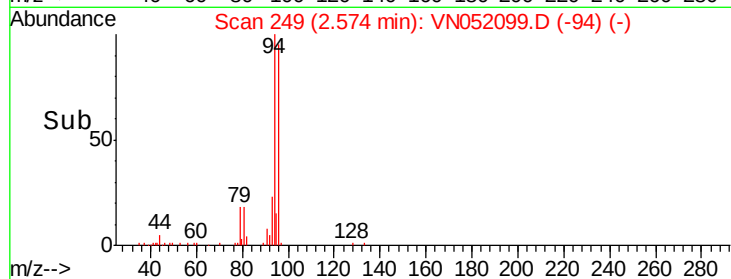
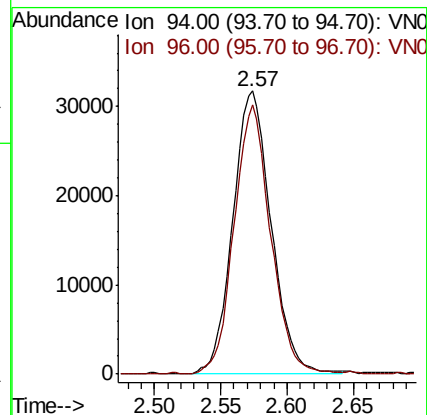
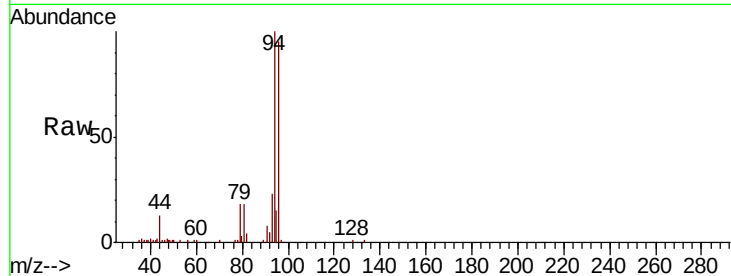
VN1101WBSD01

Tgt Ion: 94 Resp: 63944

Ion Ratio Lower Upper

94 100

96 95.3 73.4 110.0



#6

Chloroethane

Concen: 19.563 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN052099.D

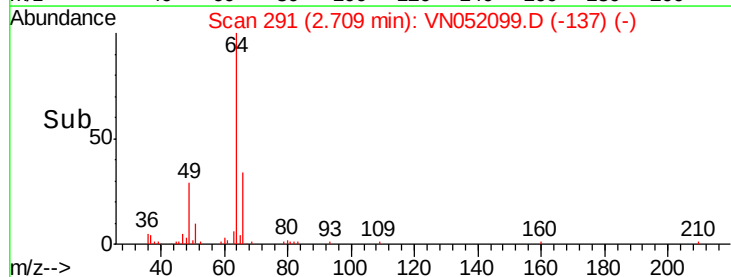
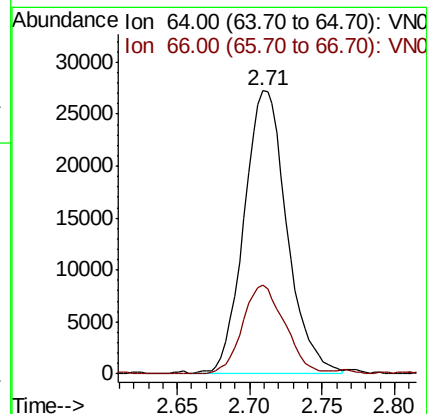
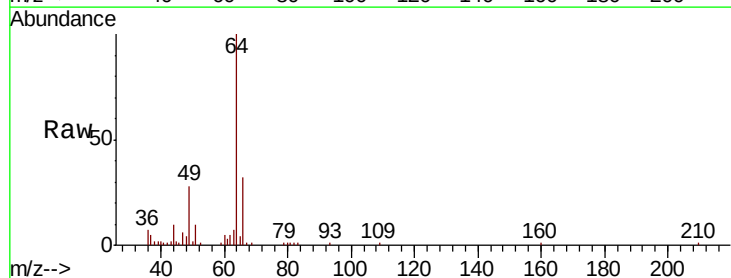
Acq: 1 Nov 2018 13:20

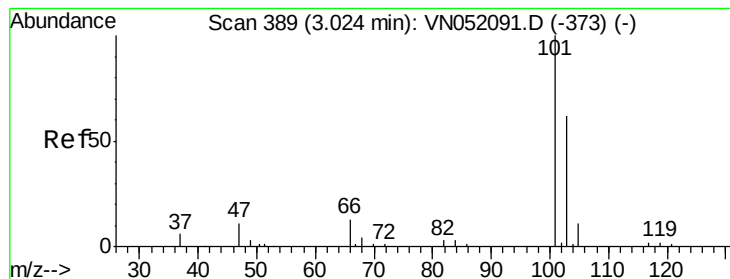
Tgt Ion: 64 Resp: 56223

Ion Ratio Lower Upper

64 100

66 31.5 24.7 37.1



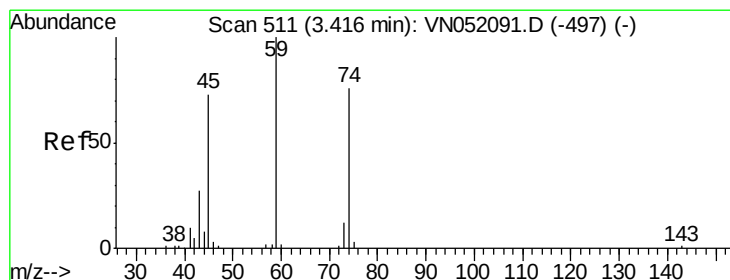
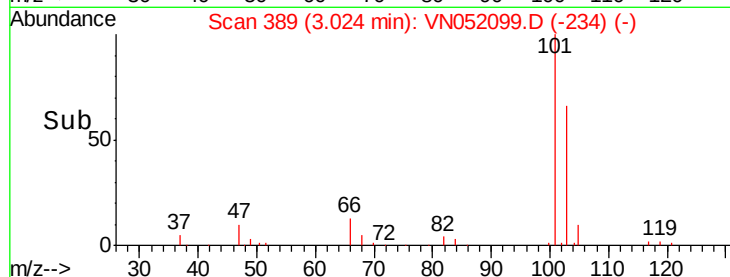
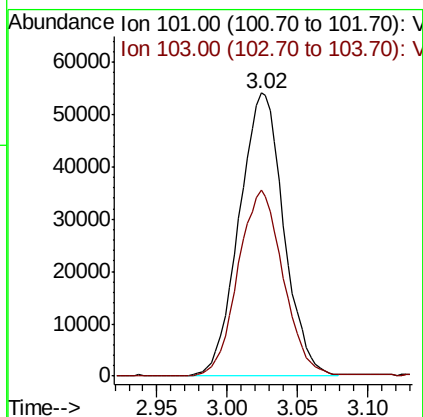
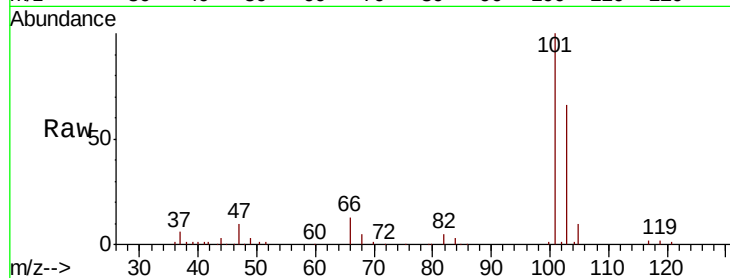


#7

Trichlorofluoromethane
 Concen: 19.643 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

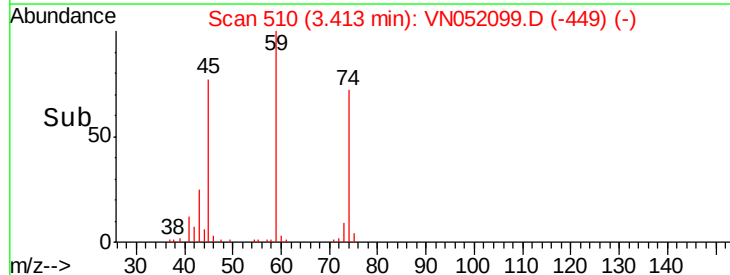
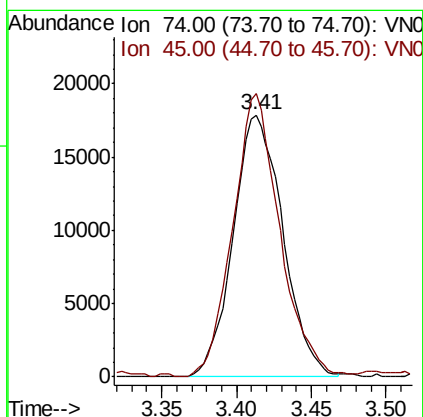
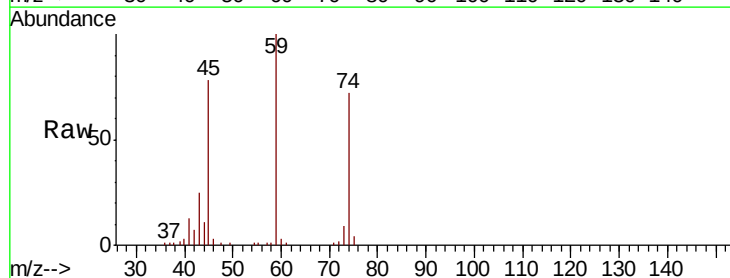
Tgt Ion:101 Resp: 119560
 Ion Ratio Lower Upper
 101 100
 103 65.6 49.5 74.3

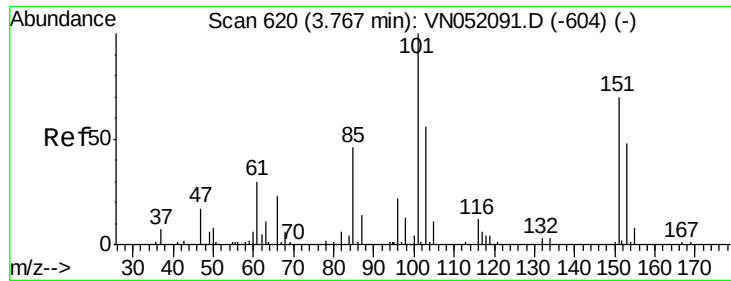


#8

Diethyl Ether
 Concen: 20.106 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Tgt Ion: 74 Resp: 41320
 Ion Ratio Lower Upper
 74 100
 45 102.4 19.4 174.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.025 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

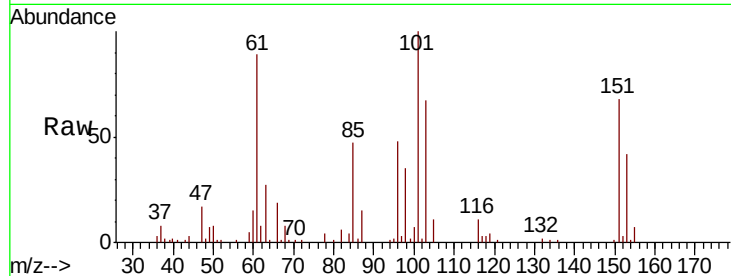
Tgt Ion: 101 Resp: 42777

Ion Ratio Lower Upper

101 100

85 79.2 0.0 98.0

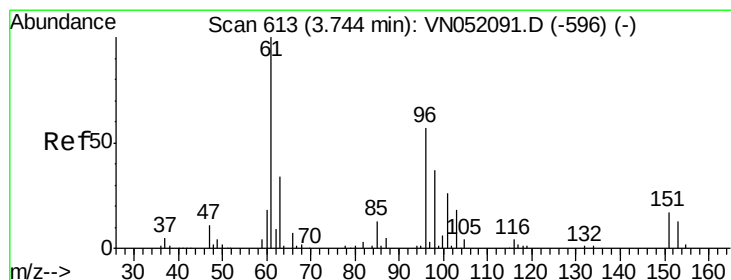
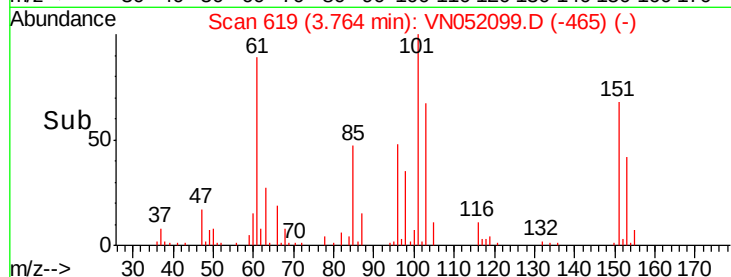
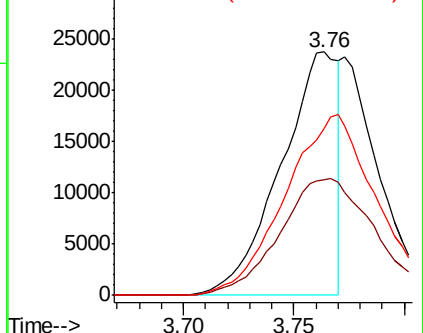
151 117.5 0.0 139.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.242 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

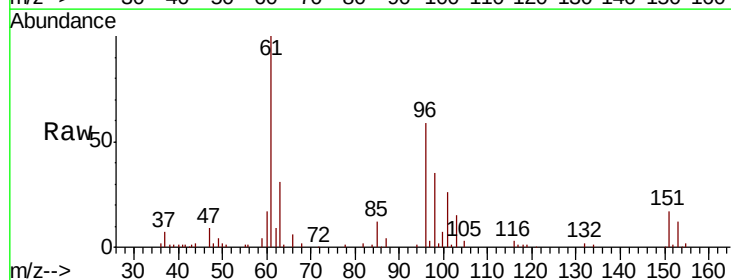
Tgt Ion: 96 Resp: 63873

Ion Ratio Lower Upper

96 100

61 169.2 140.3 210.5

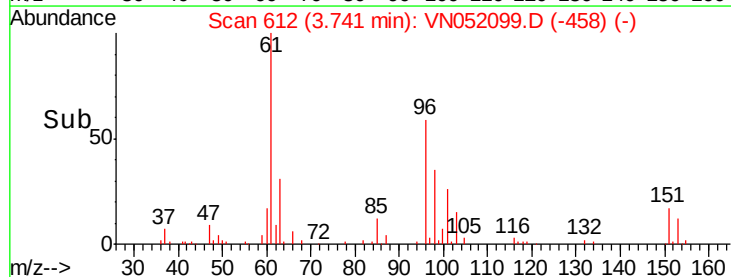
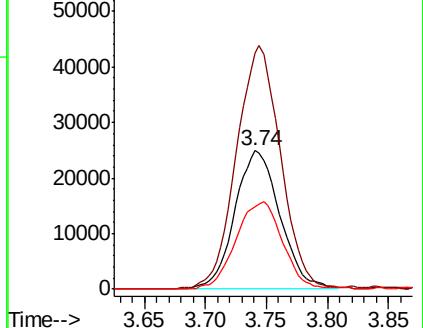
98 59.1 52.0 78.0

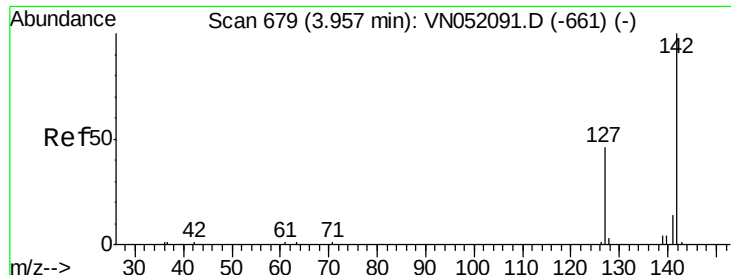


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

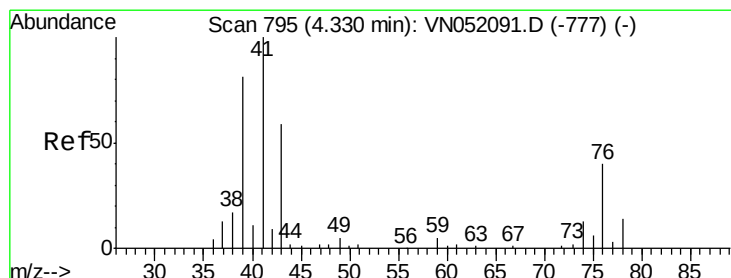
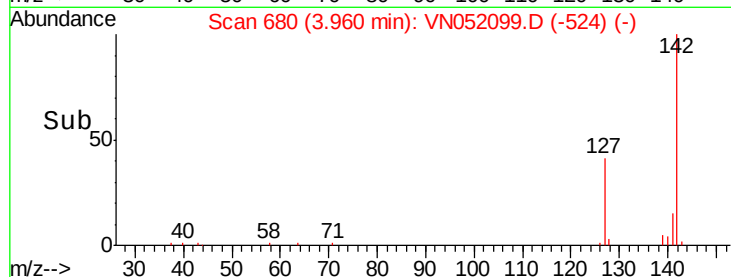
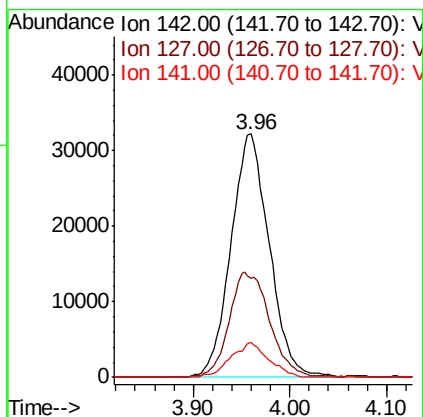
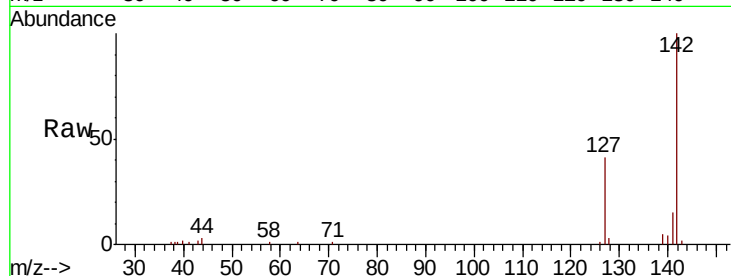




#11
Methyl Iodide
Concen: 18.470 ug/l
RT: 3.96 min Scan# 680
Delta R.T. 0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

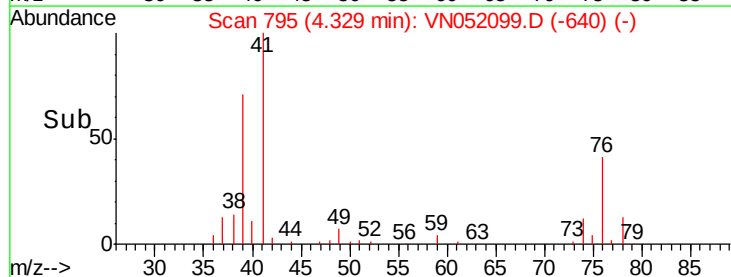
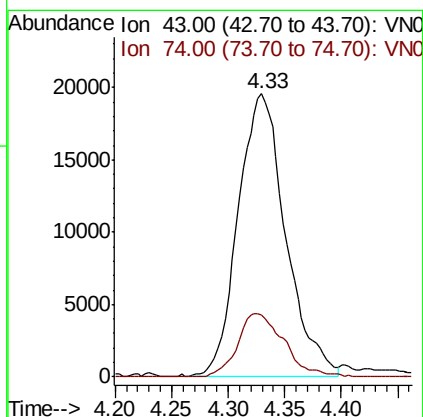
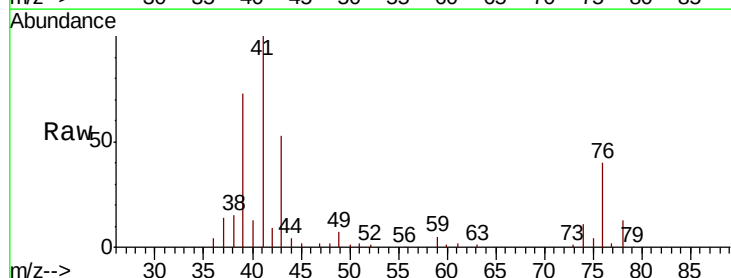
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

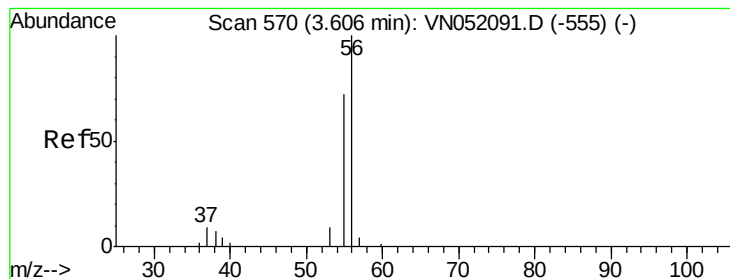
Tgt Ion: 142 Resp: 88641
Ion Ratio Lower Upper
142 100
127 40.8 23.1 69.2
141 14.6 7.0 20.9



#12
Methyl Acetate
Concen: 20.508 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion: 43 Resp: 57299
Ion Ratio Lower Upper
43 100
74 21.5 17.4 26.2





#13

Acrolein

Concen: 93.519 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

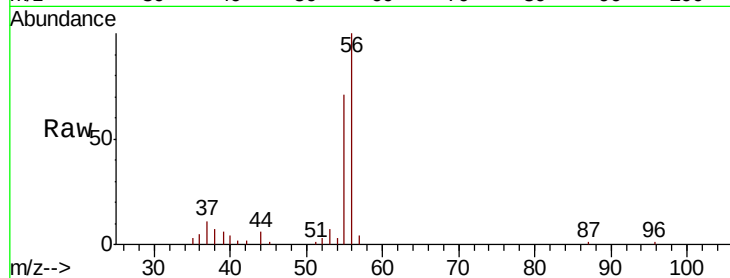
VN1101WBSD01

Tgt Ion: 56 Resp: 27714

Ion Ratio Lower Upper

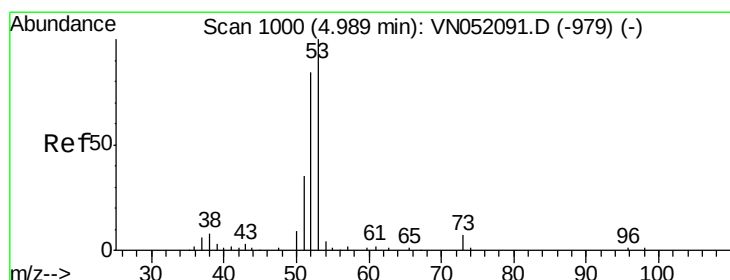
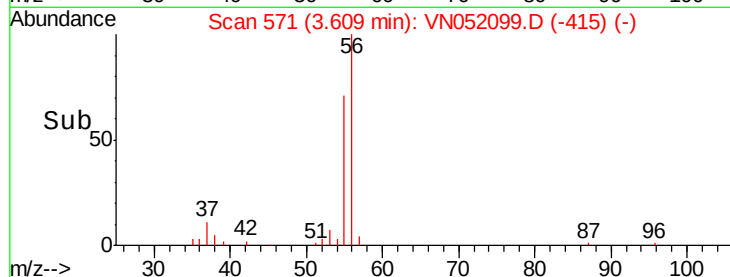
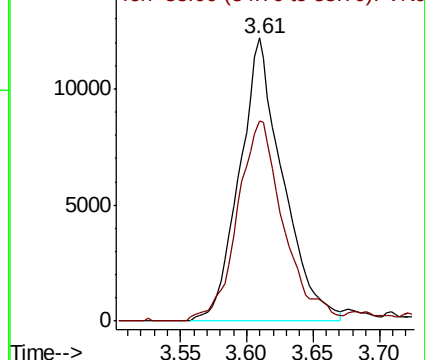
56 100

55 71.7 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 96.850 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

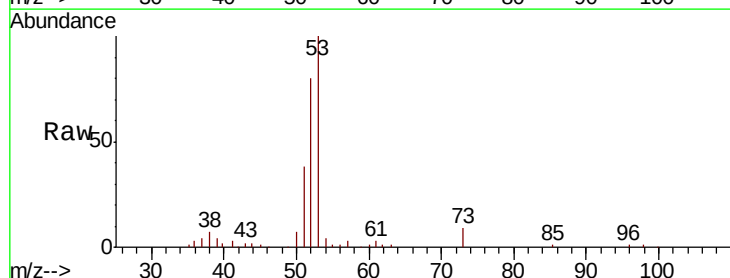
Tgt Ion: 53 Resp: 119998

Ion Ratio Lower Upper

53 100

52 83.7 41.3 124.1

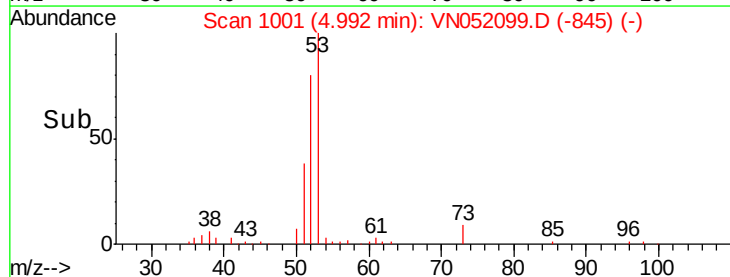
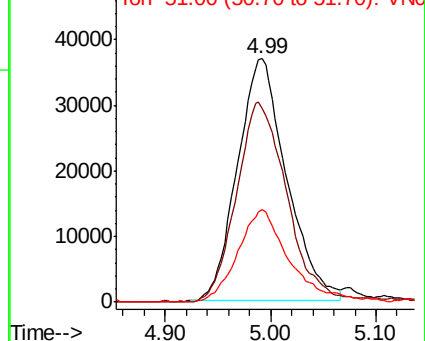
51 39.5 18.6 55.6

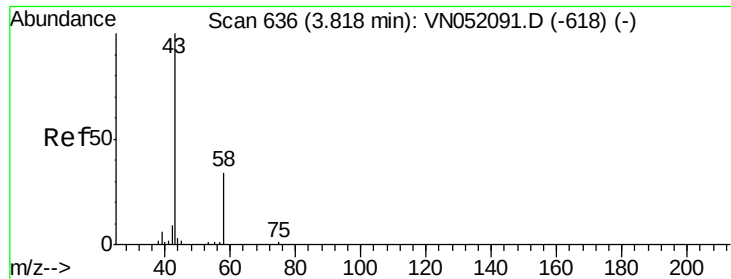


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 99.193 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

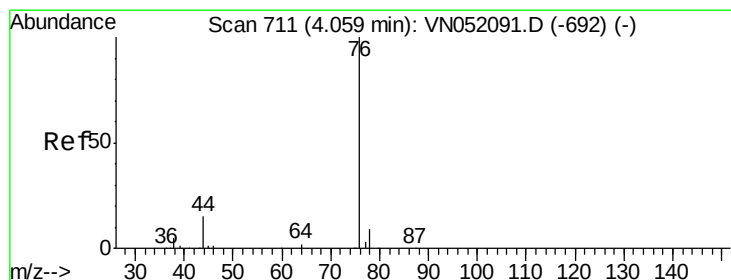
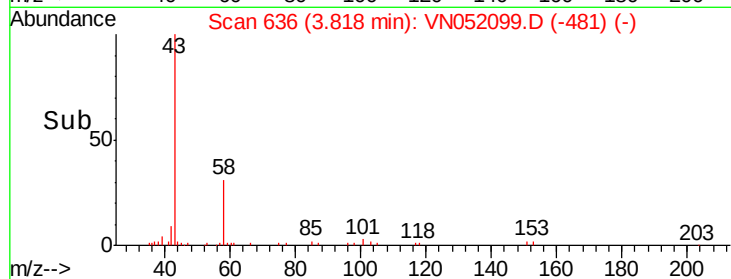
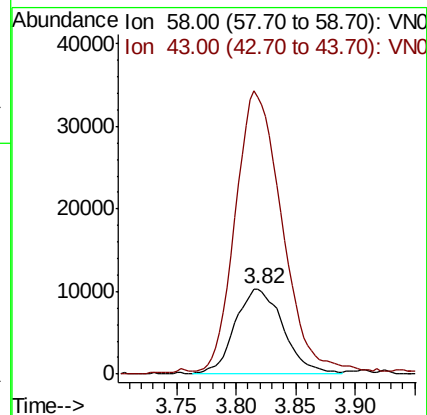
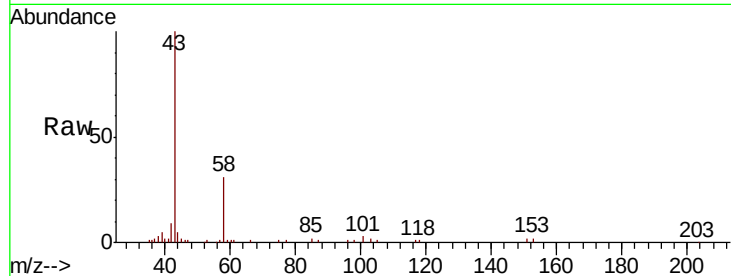
VN1101WBSD01

Tgt Ion: 58 Resp: 29047

Ion Ratio Lower Upper

58 100

43 321.7 234.7 352.1



#16

Carbon Disulfide

Concen: 18.375 ug/l

RT: 4.06 min Scan# 711

Delta R.T. -0.00 min

Lab File: VN052099.D

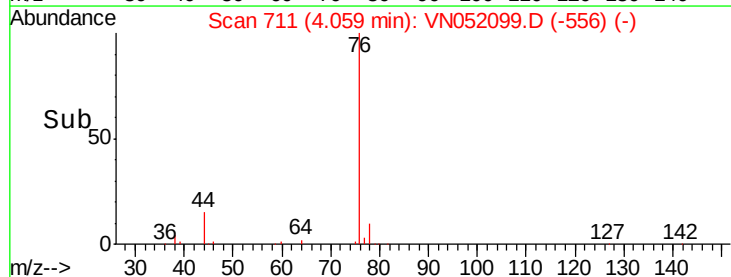
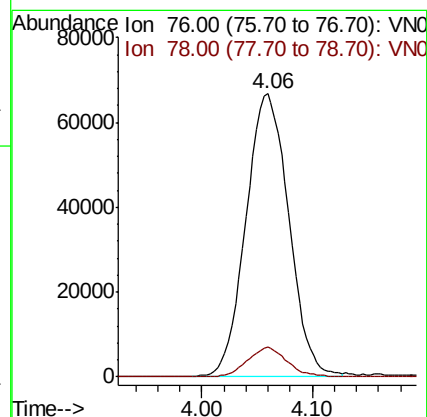
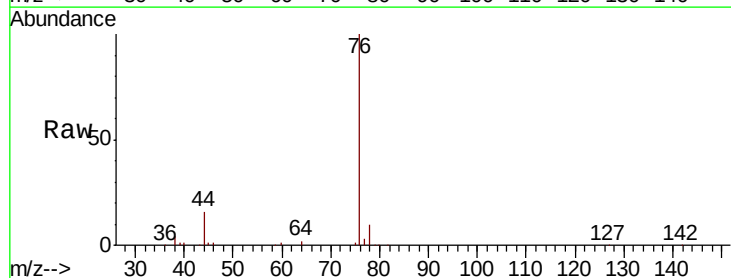
Acq: 1 Nov 2018 13:20

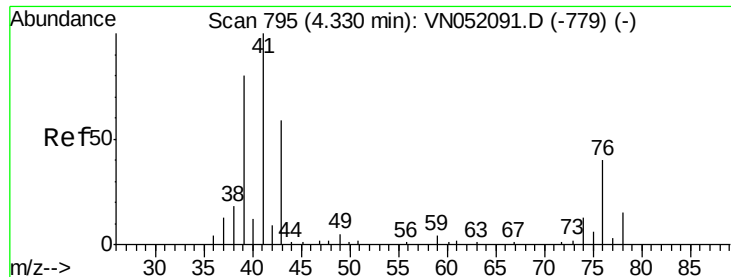
Tgt Ion: 76 Resp: 180094

Ion Ratio Lower Upper

76 100

78 10.5 7.0 10.6

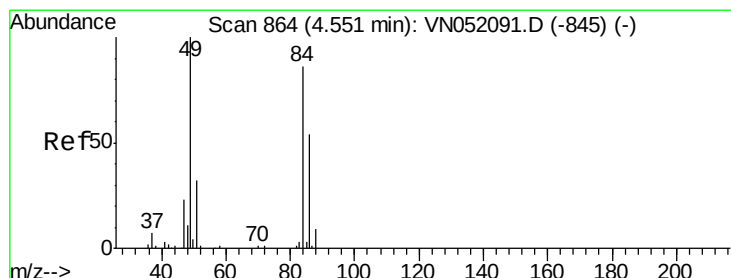
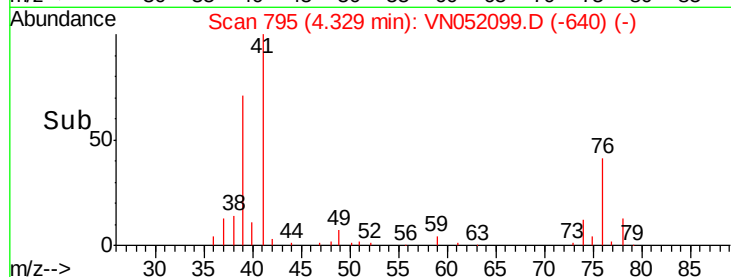
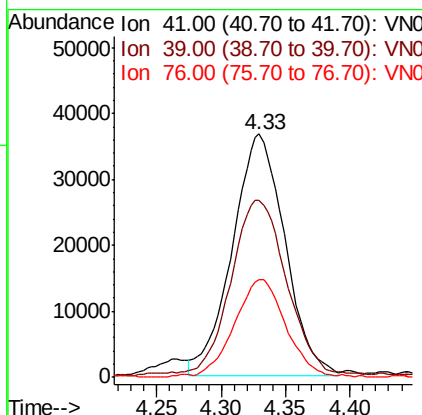
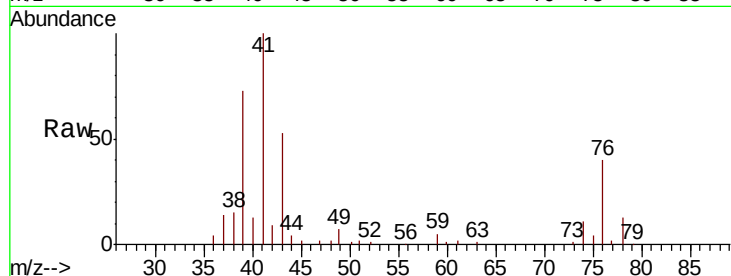




#17
 Allyl chloride
 Concen: 18.509 ug/l
 RT: 4.33 min Scan# 795
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

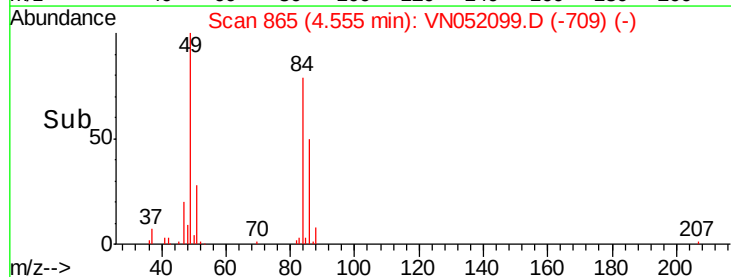
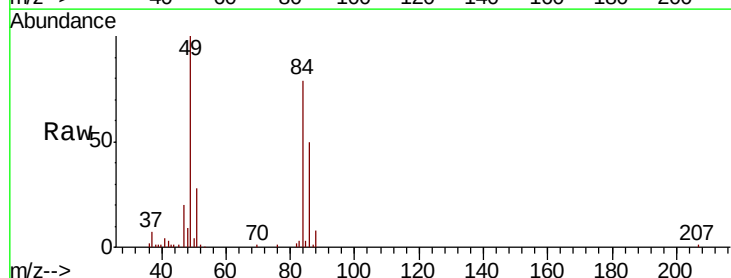
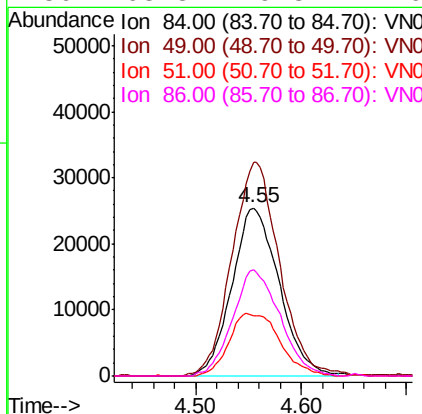
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

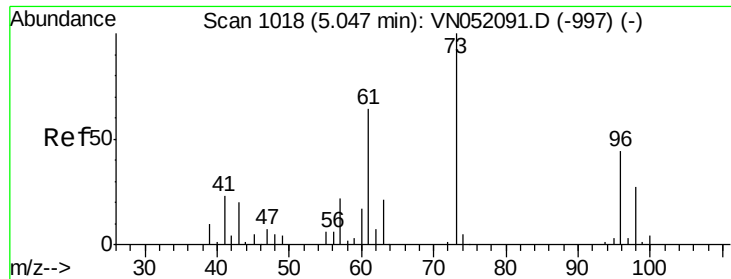
Tgt Ion: 41 Resp: 104313
 Ion Ratio Lower Upper
 41 100
 39 71.7 38.4 115.1
 76 40.2 18.8 56.3



#18
 Methylene Chloride
 Concen: 19.343 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Tgt Ion: 84 Resp: 79249
 Ion Ratio Lower Upper
 84 100
 49 126.0 92.6 138.8
 51 35.6 29.7 44.5
 86 63.3 49.8 74.6

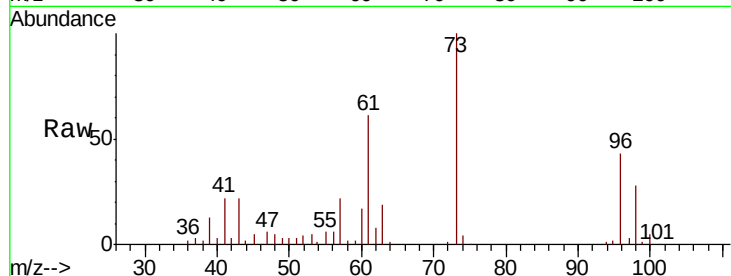




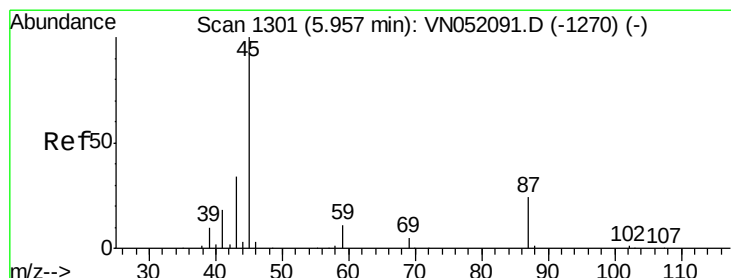
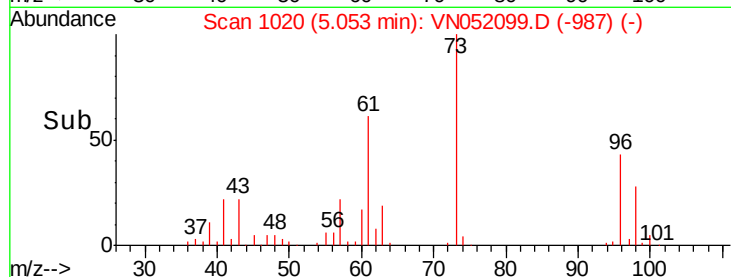
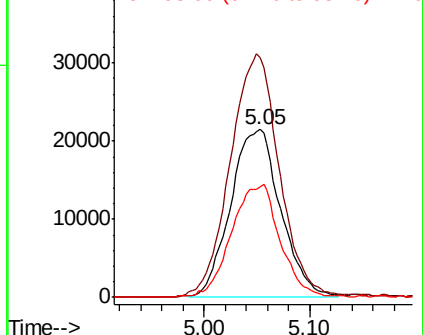
#19
trans-1,2-Dichloroethene
Concen: 19.538 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion: 96 Resp: 71059
Ion Ratio Lower Upper
96 100
61 142.6 117.8 176.6
98 65.5 49.3 73.9

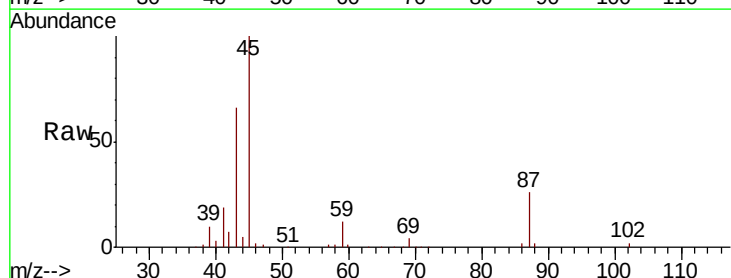


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

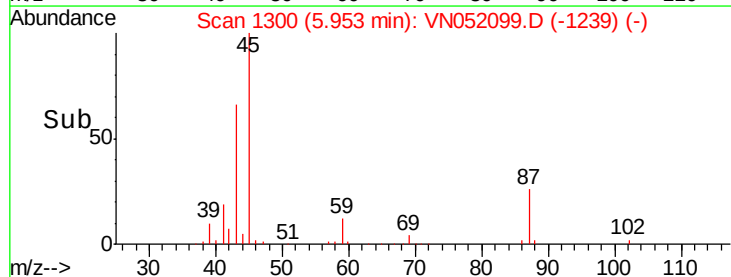
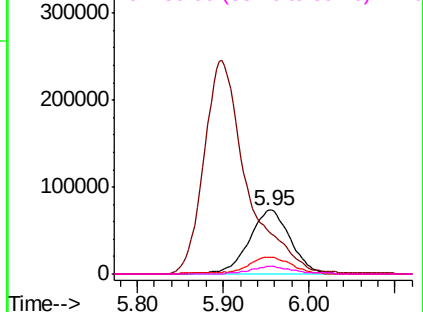


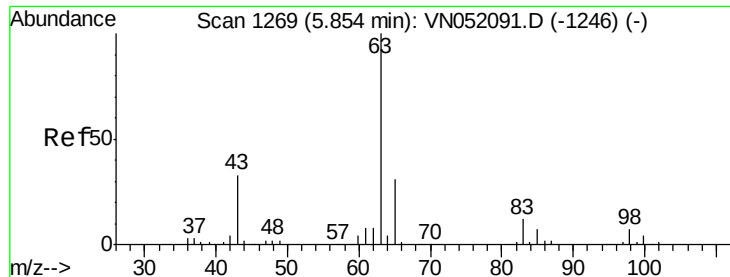
#20
Diisopropyl ether
Concen: 20.114 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion: 45 Resp: 246338
Ion Ratio Lower Upper
45 100
43 63.8 49.4 74.0
87 25.9 20.3 30.5
59 11.7 8.6 12.8



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

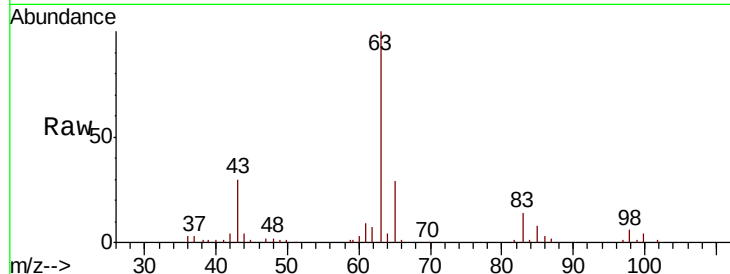




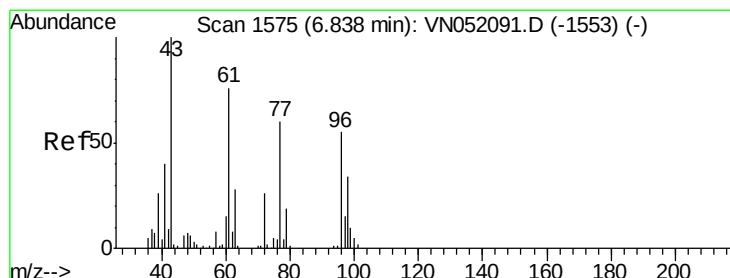
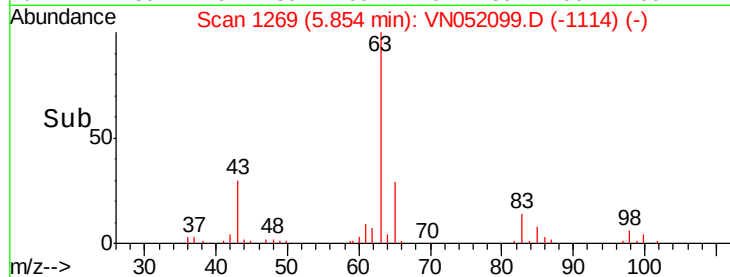
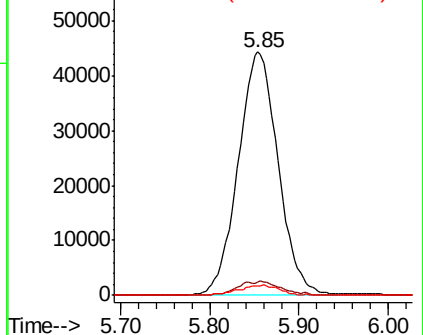
#21
 1,1-Dichloroethane
 Concen: 19.247 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Tgt Ion: 63 Resp: 137753
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.4 10.1
 100 3.9 2.0 5.8

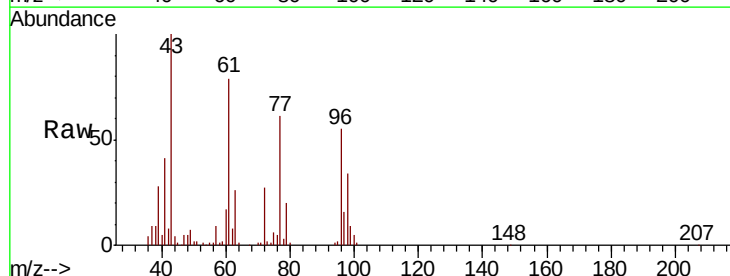


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

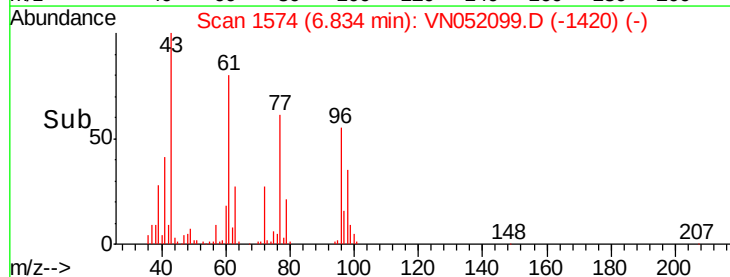
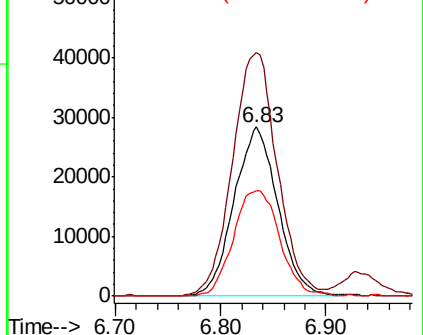


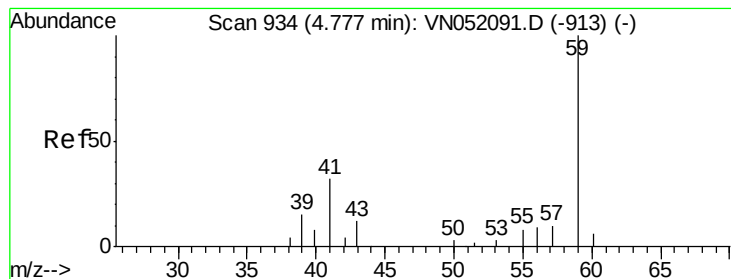
#22
 cis-1,2-Dichloroethene
 Concen: 19.273 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Tgt Ion: 96 Resp: 81852
 Ion Ratio Lower Upper
 96 100
 61 147.7 117.6 176.4
 98 66.2 51.0 76.4



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0



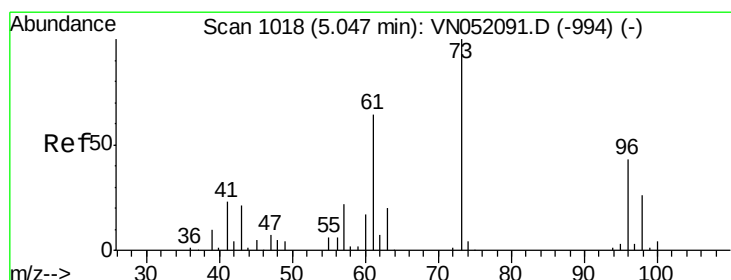
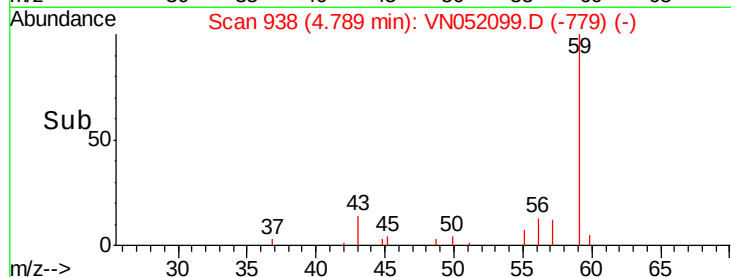
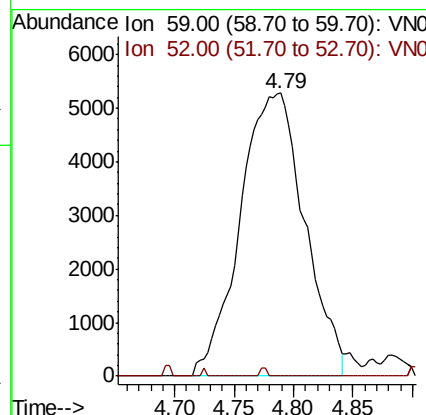
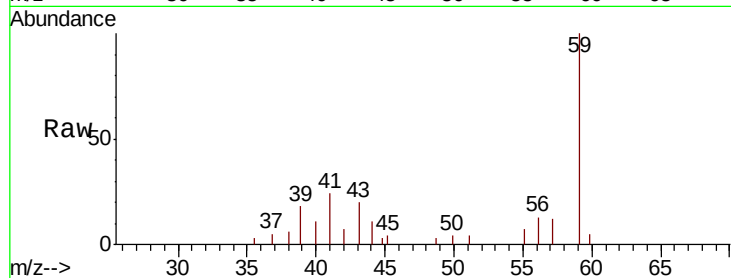


#23

tert-Butyl Alcohol
 Concen: 102.685 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. 0.01 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

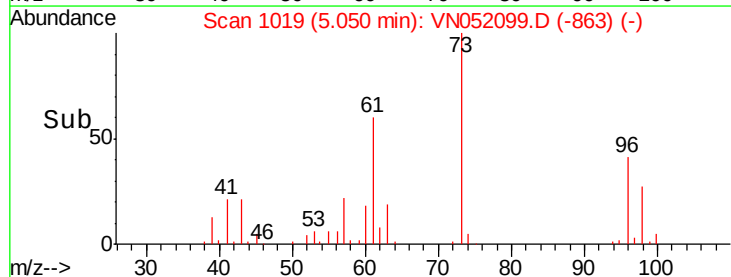
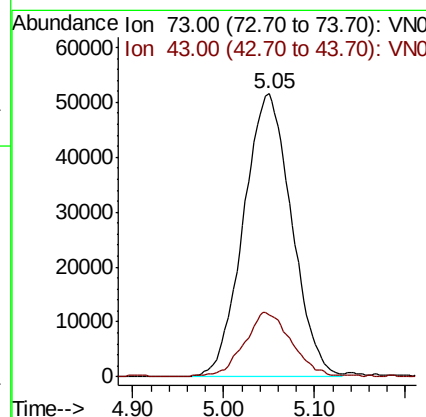
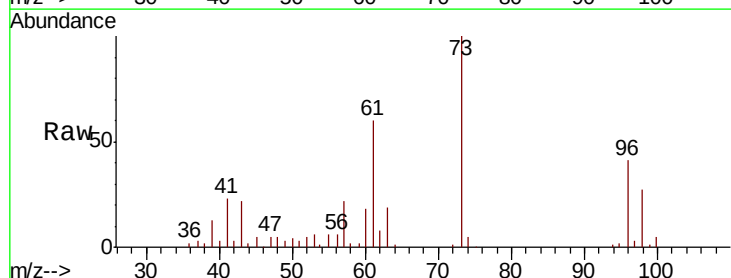
Tgt Ion: 59 Resp: 19823
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.3 0.5#

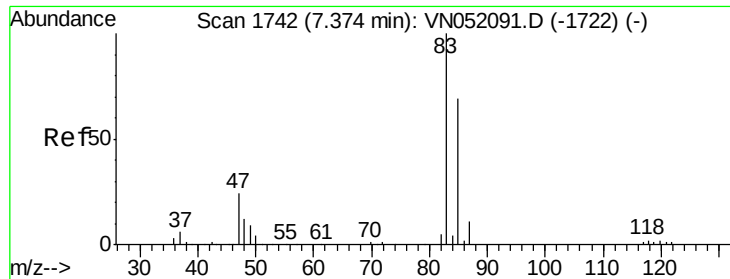


#24

Methyl tert-Butyl Ether
 Concen: 20.148 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Tgt Ion: 73 Resp: 189603
 Ion Ratio Lower Upper
 73 100
 43 22.4 17.4 26.2

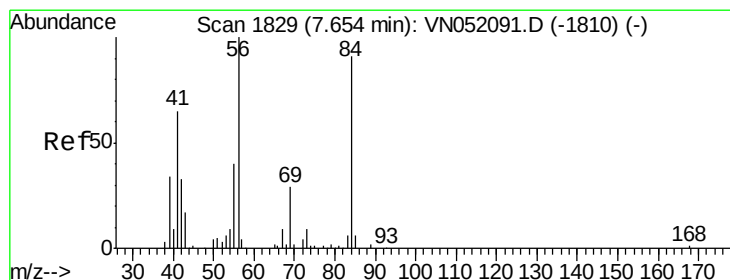
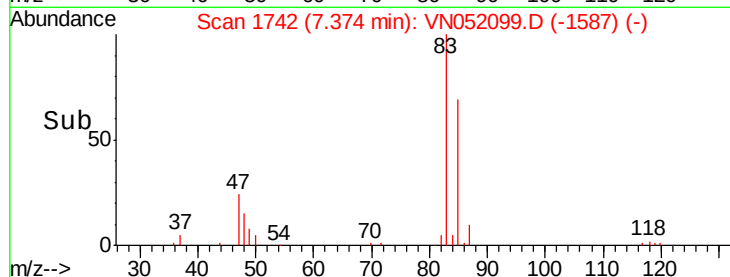
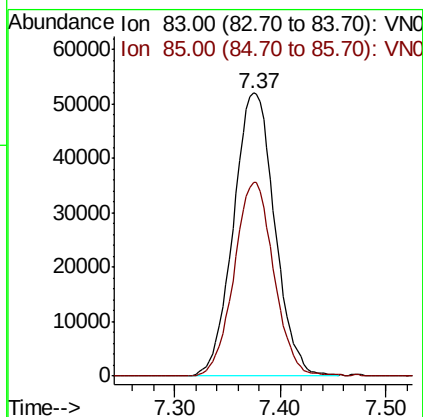
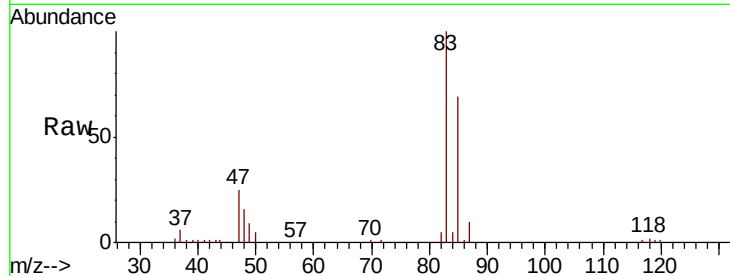




#25
Chloroform
Concen: 19.700 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

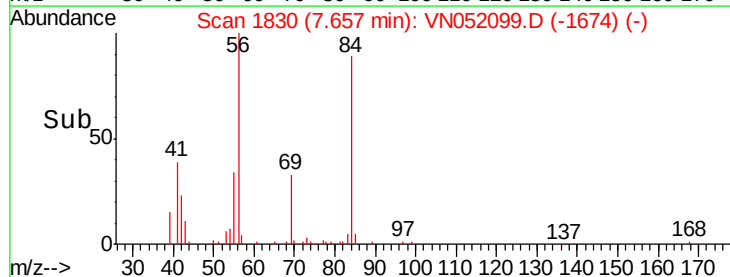
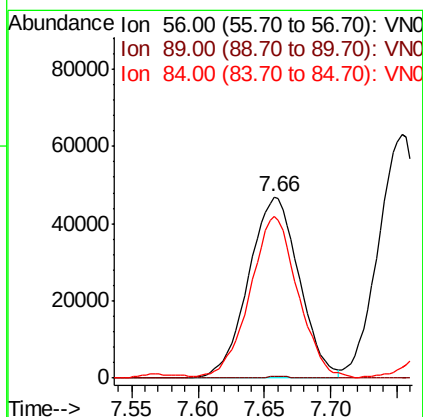
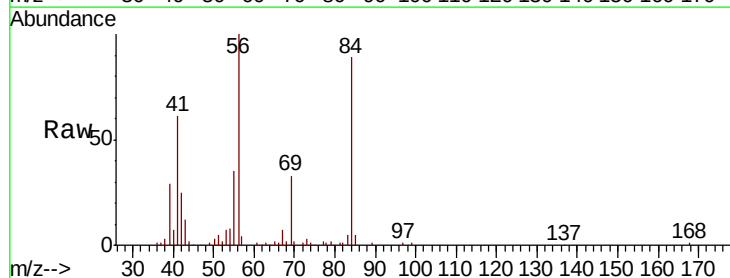
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

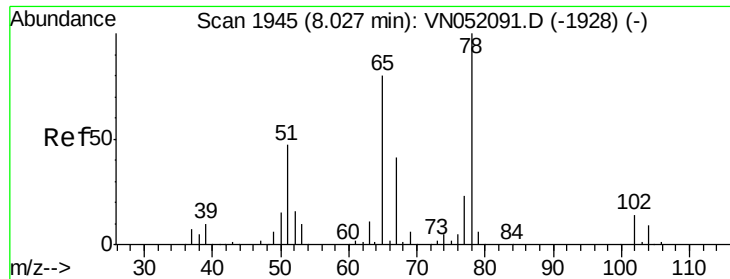
Tgt Ion: 83 Resp: 141577
Ion Ratio Lower Upper
83 100
85 68.6 54.9 82.3



#26
Cyclohexane
Concen: 19.469 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion: 56 Resp: 124912
Ion Ratio Lower Upper
56 100
89 0.5 2.2 3.2#
84 83.9 71.0 106.6





#27

1,2-Dichloroethane-d4

Concen: 19.469 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

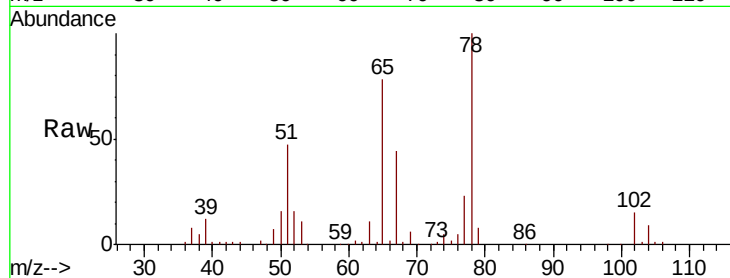
VN1101WBSD01

Tgt Ion: 65 Resp: 134108

Ion Ratio Lower Upper

65 100

67 55.3 42.6 64.0



Abundance Ion 65.00 (64.70 to 65.70): VN052091.D (-1928) (-)

Ion 67.00 (66.70 to 67.70): VN052091.D (-1928) (-)

8.03

60000

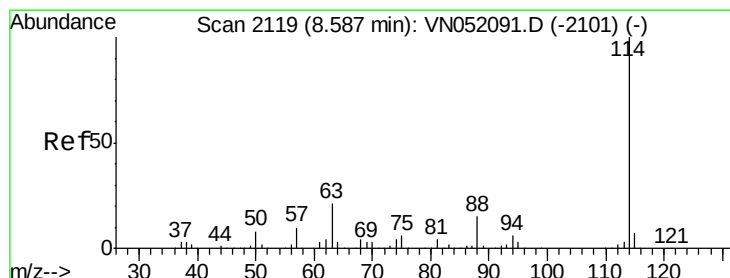
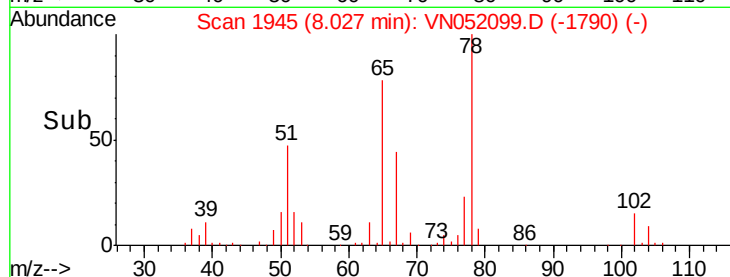
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

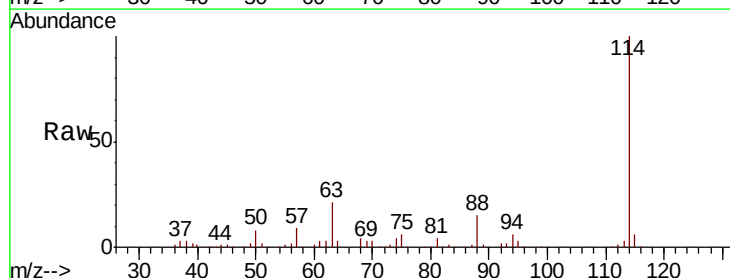
Tgt Ion: 114 Resp: 359807

Ion Ratio Lower Upper

114 100

63 20.6 17.5 26.3

88 16.0 12.6 18.8



Abundance Ion 114.00 (113.70 to 114.70): VN052091.D (-2101) (-)

Ion 63.00 (62.70 to 63.70): VN052091.D (-2101) (-)

Ion 88.00 (87.70 to 88.70): VN052091.D (-2101) (-)

8.59

200000

150000

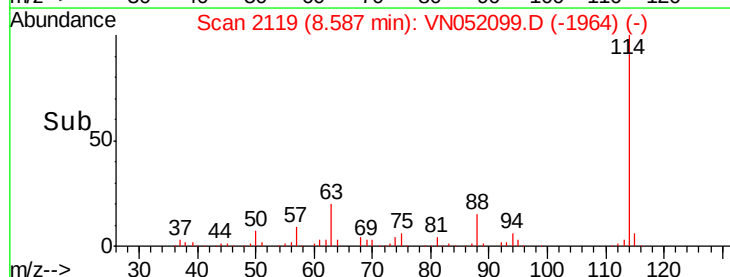
100000

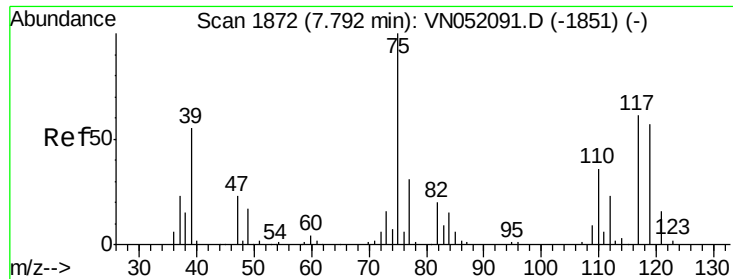
50000

0

8.50 8.55 8.60 8.65

Time-->

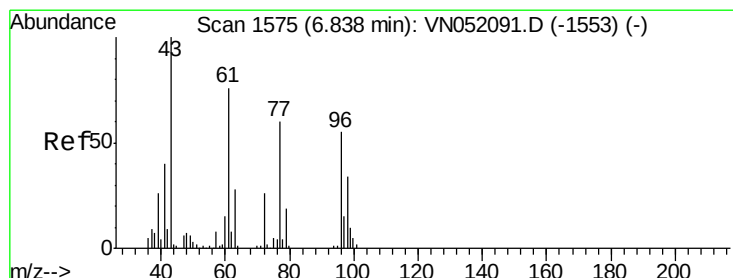
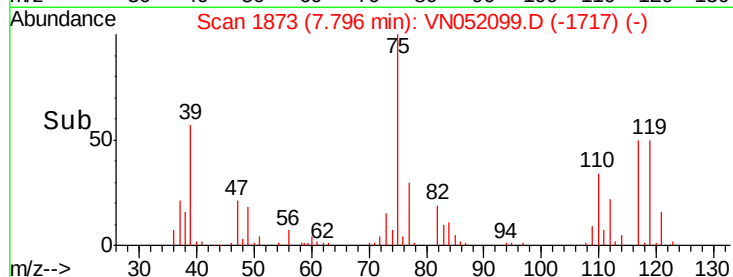
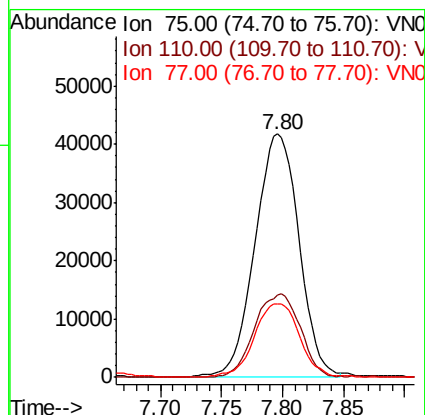
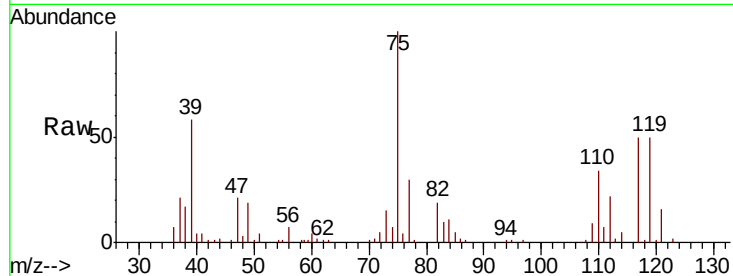




#29
 1,1-Dichloropropene
 Concen: 18.334 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

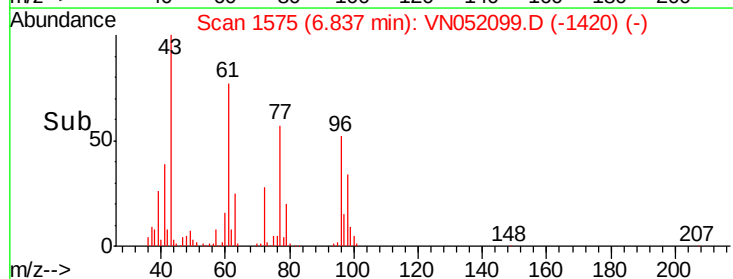
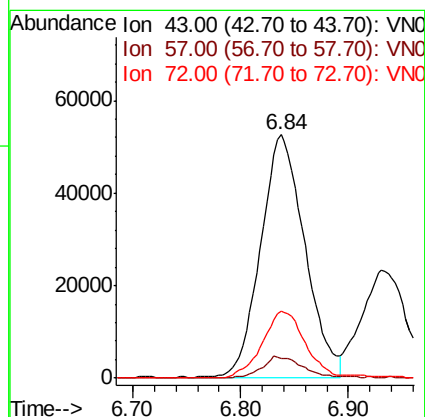
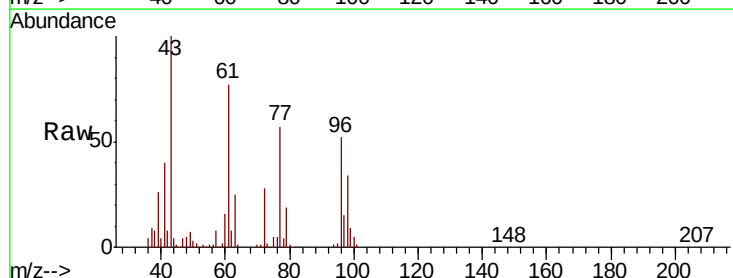
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

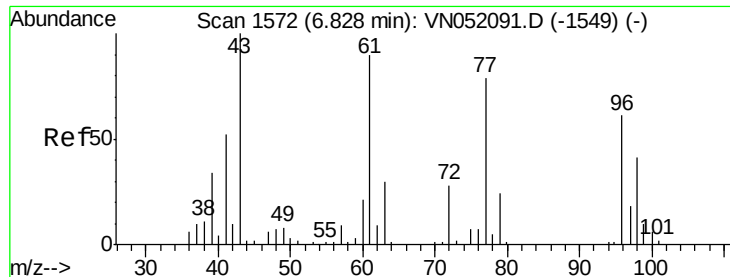
Tgt Ion: 75 Resp: 104730
 Ion Ratio Lower Upper
 75 100
 110 35.5 0.0 67.6
 77 31.2 0.0 60.2



#30
 2-Butanone
 Concen: 97.781 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Tgt Ion: 43 Resp: 148751
 Ion Ratio Lower Upper
 43 100
 57 4.5 6.6 9.8#
 72 26.7 9.2 13.8#

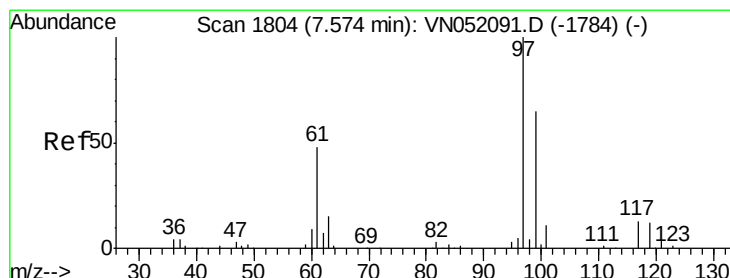
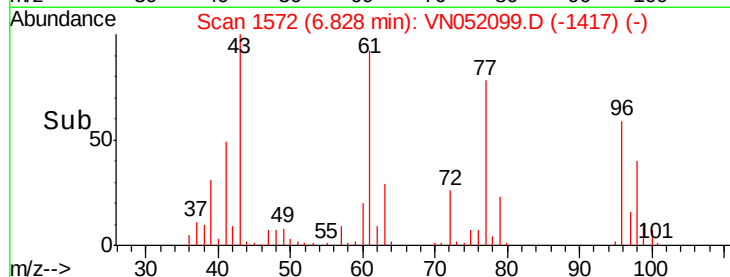
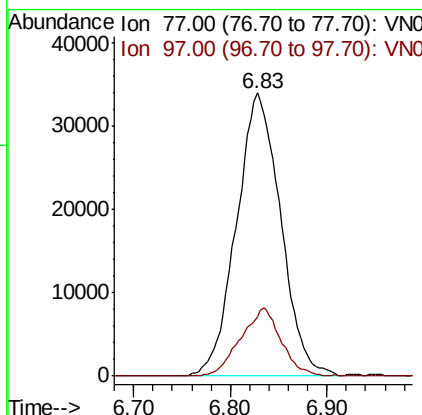
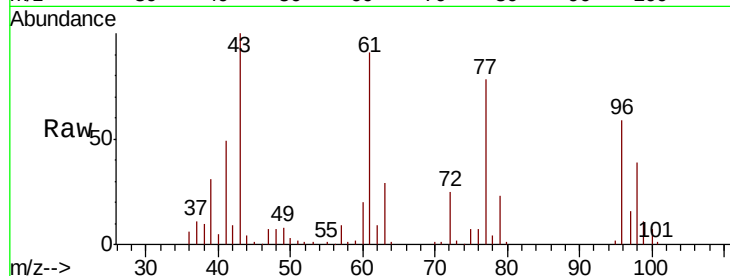




#31
 2,2-Dichloropropane
 Concen: 18.342 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

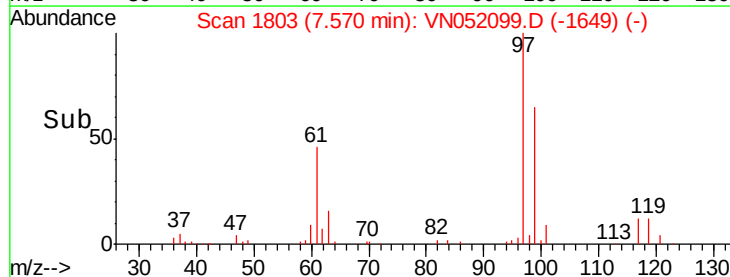
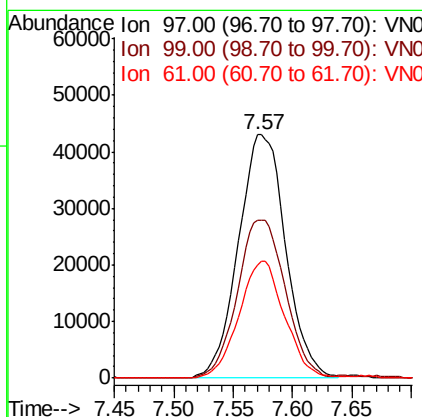
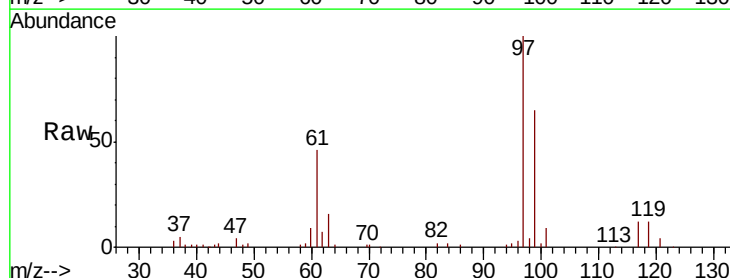
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

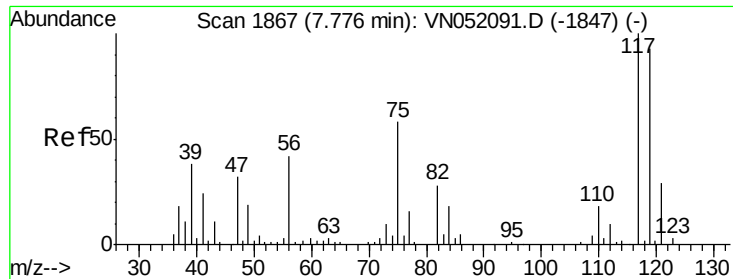
Tgt Ion: 77 Resp: 107930
 Ion Ratio Lower Upper
 77 100
 97 21.9 18.2 27.2



#32
 1,1,1-Trichloroethane
 Concen: 18.523 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Tgt Ion: 97 Resp: 118389
 Ion Ratio Lower Upper
 97 100
 99 66.0 51.7 77.5
 61 46.3 38.7 58.1

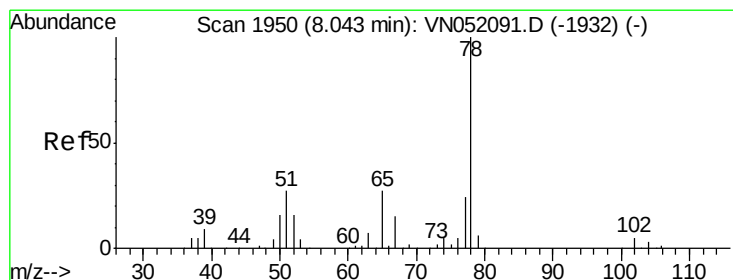
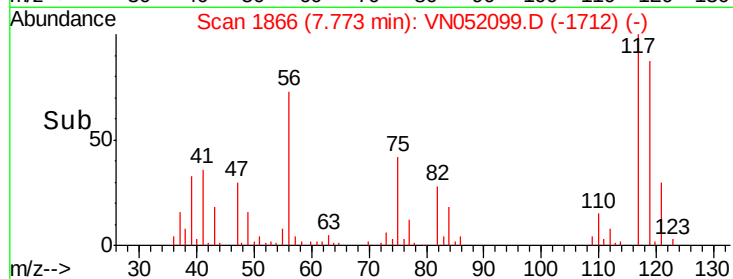
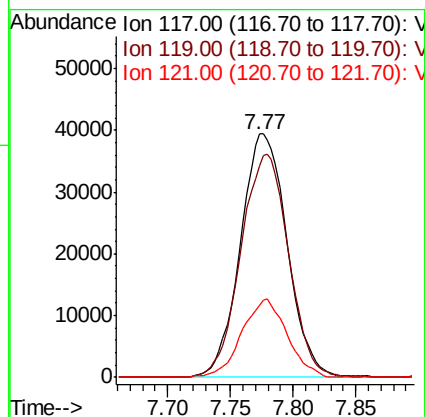
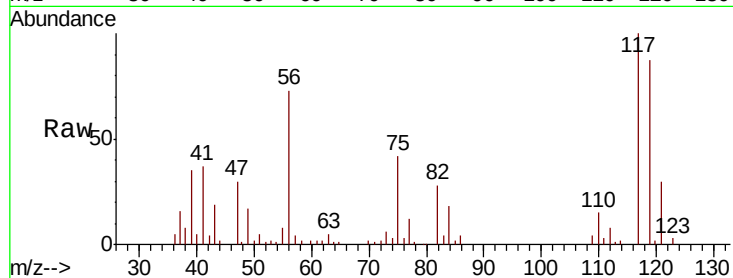




#33
Carbon Tetrachloride
Concen: 17.902 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

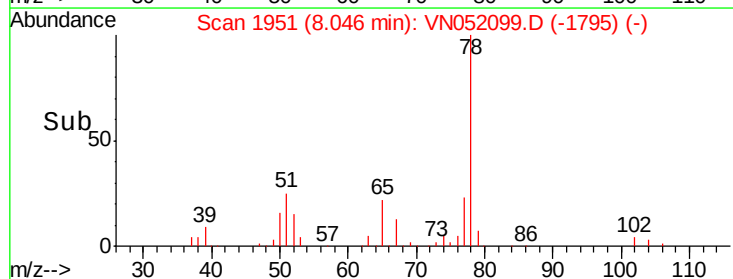
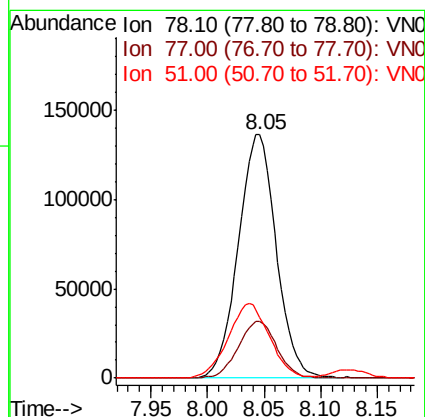
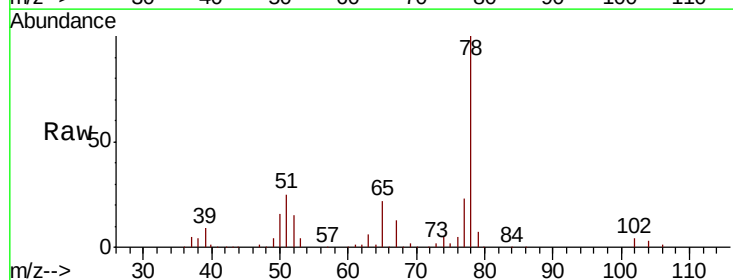
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

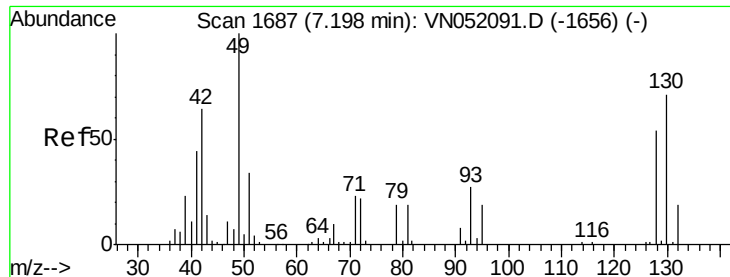
Tgt Ion:117 Resp: 101761
Ion Ratio Lower Upper
117 100
119 87.1 74.7 112.1
121 29.7 23.4 35.0



#34
Benzene
Concen: 19.045 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion: 78 Resp: 318546
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7
51 24.5 21.2 31.8

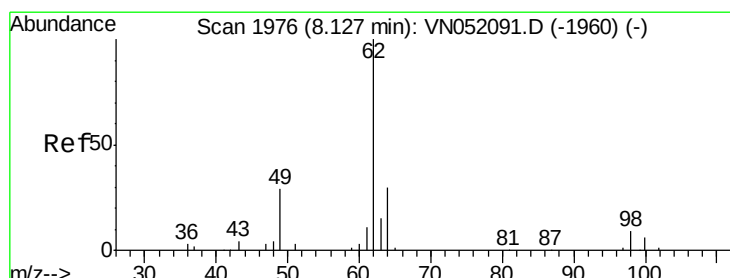
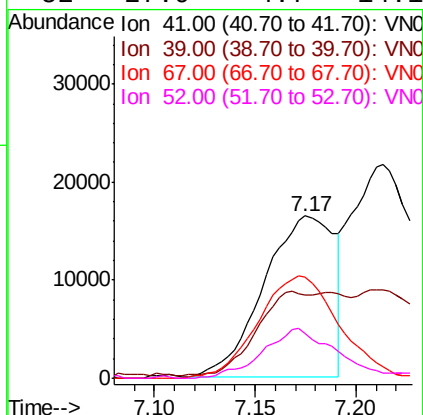
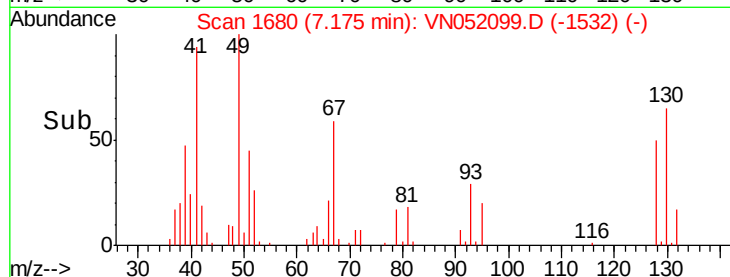
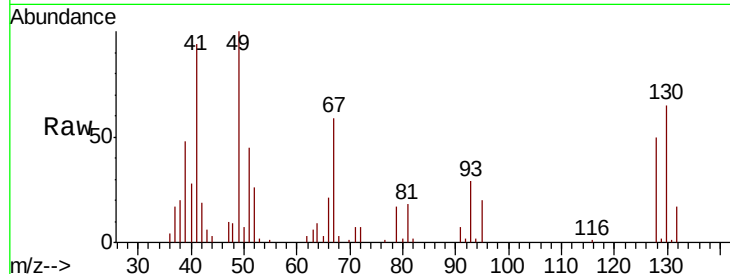




#35
Methacrylonitrile
Concen: 19.055 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.02 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

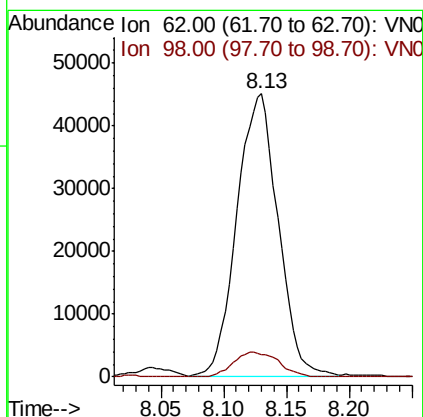
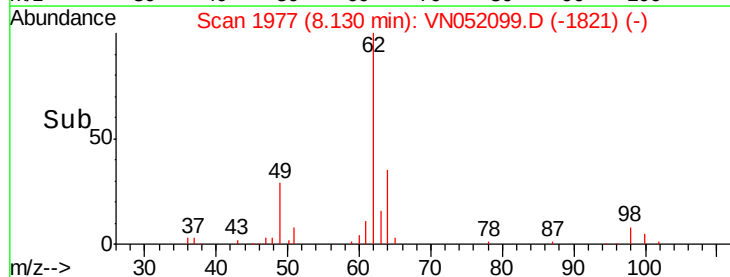
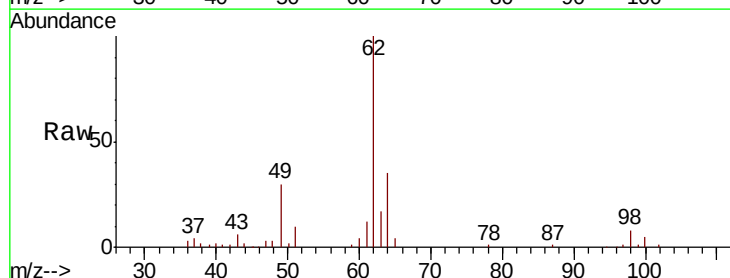
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

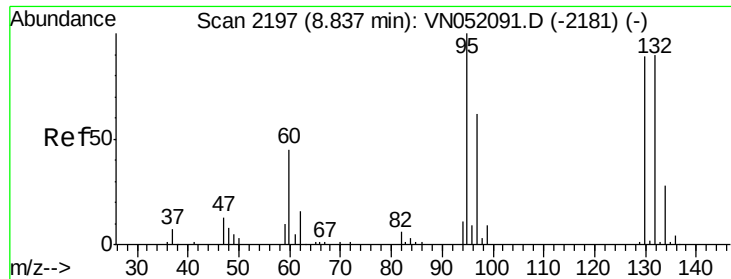
Tgt Ion: 41 Resp: 39761
Ion Ratio Lower Upper
41 100
39 49.5 26.1 78.3
67 61.9 11.0 33.0#
52 27.9 4.7 14.1#



#36
1,2-Dichloroethane
Concen: 18.533 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion: 62 Resp: 103643
Ion Ratio Lower Upper
62 100
98 9.6 6.7 10.1

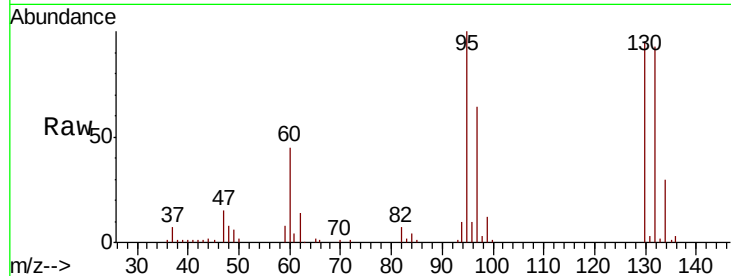




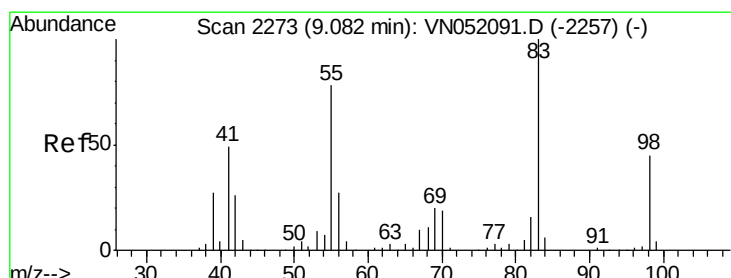
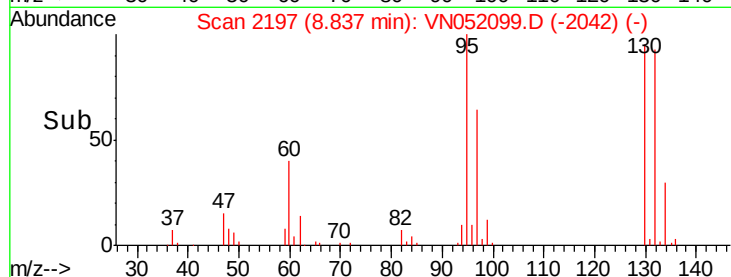
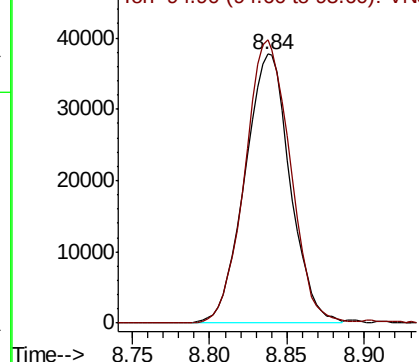
#37
 Trichloroethene
 Concen: 18.358 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Tgt Ion:130 Resp: 76853
 Ion Ratio Lower Upper
 130 100
 95 105.2 89.9 134.9

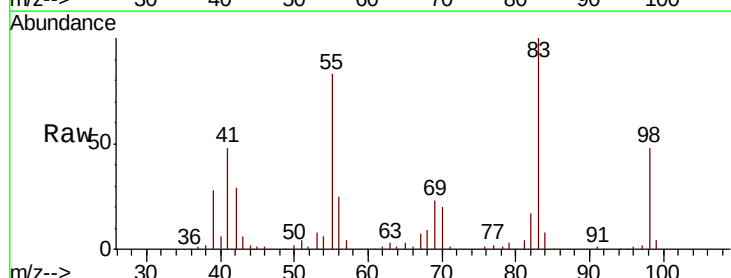


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

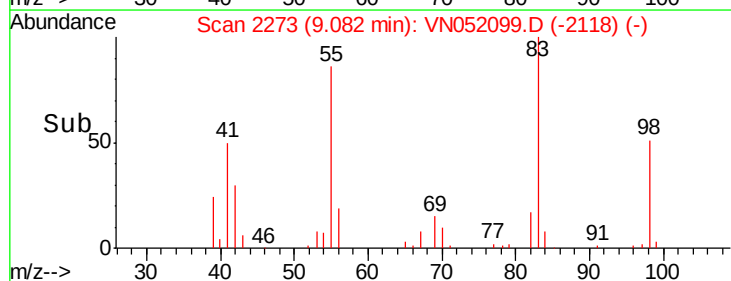
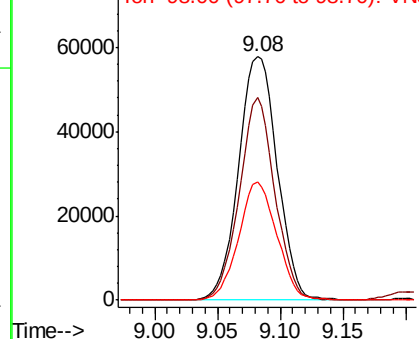


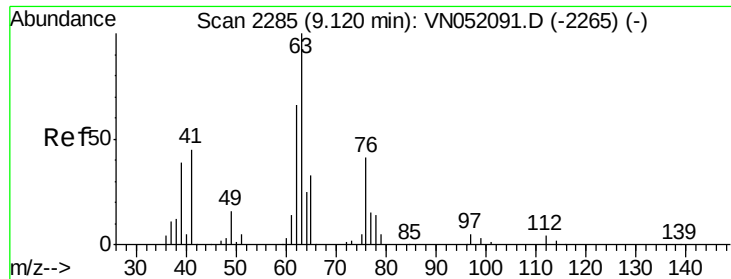
#38
 Methylcyclohexane
 Concen: 17.804 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Tgt Ion: 83 Resp: 124070
 Ion Ratio Lower Upper
 83 100
 55 76.3 38.5 115.3
 98 47.8 23.2 69.6



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





#39

1,2-Dichloropropane

Concen: 18.663 ug/l

RT: 9.12 min Scan# 2286

Delta R.T. 0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

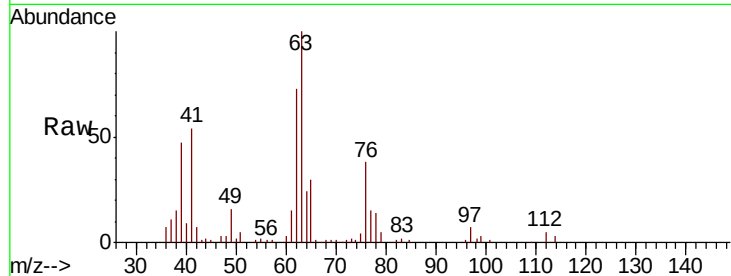
VN1101WBSD01

Tgt Ion: 63 Resp: 83095

Ion Ratio Lower Upper

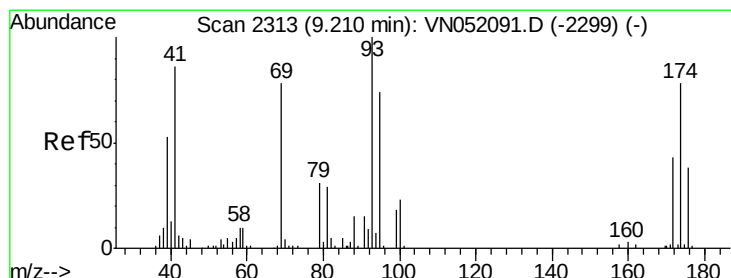
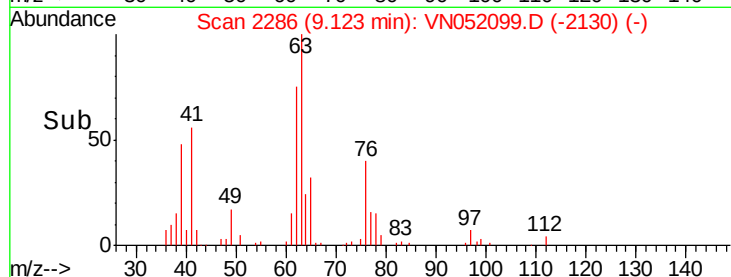
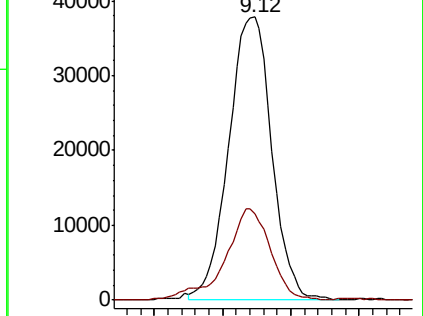
63 100

65 29.9 27.3 40.9



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 18.963 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

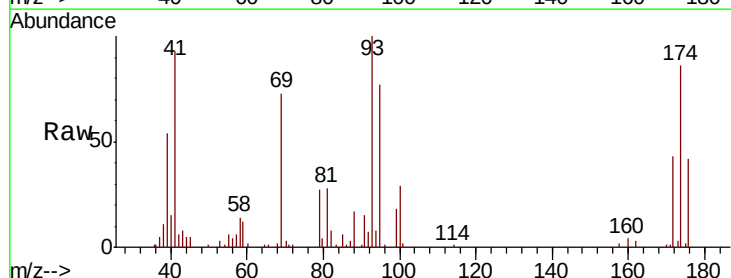
Tgt Ion: 93 Resp: 52042

Ion Ratio Lower Upper

93 100

95 80.7 0.0 161.2

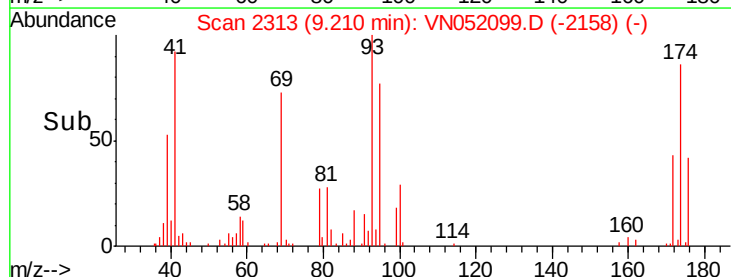
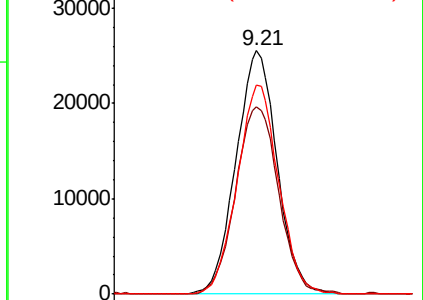
174 86.6 0.0 165.0

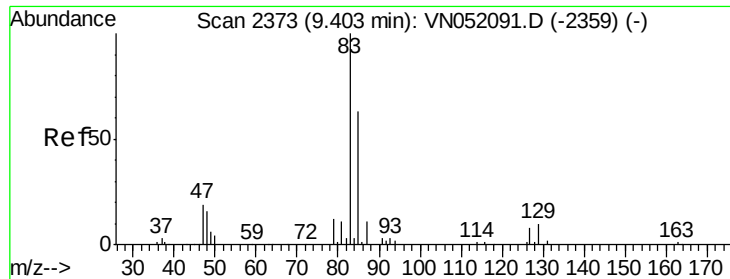


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.458 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

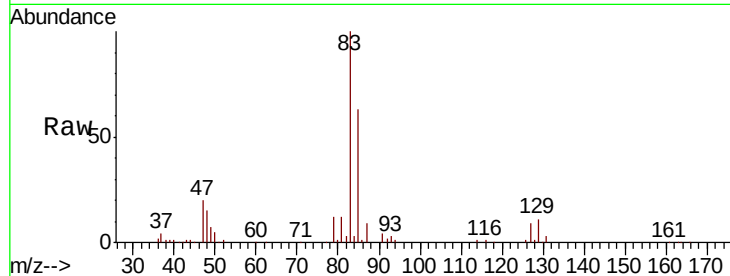
Tgt Ion: 83 Resp: 103644

Ion Ratio Lower Upper

83 100

85 63.2 50.2 75.2

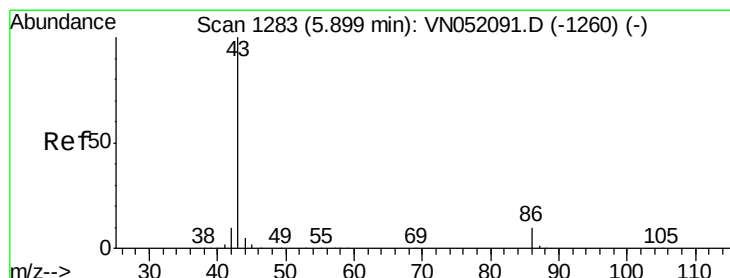
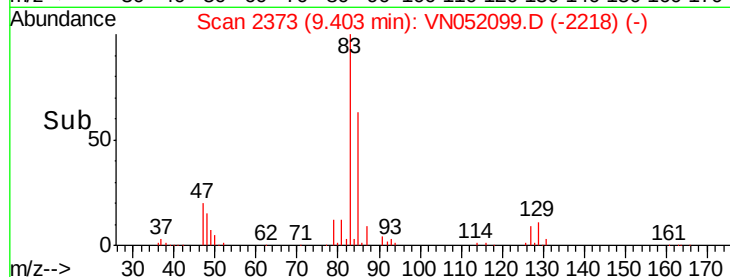
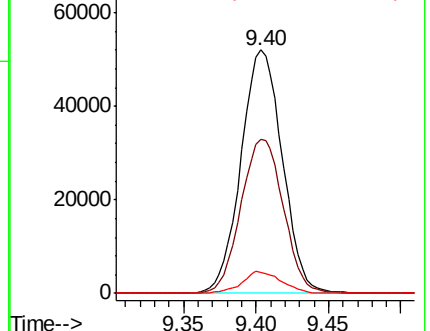
127 8.8 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 95.588 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN052099.D

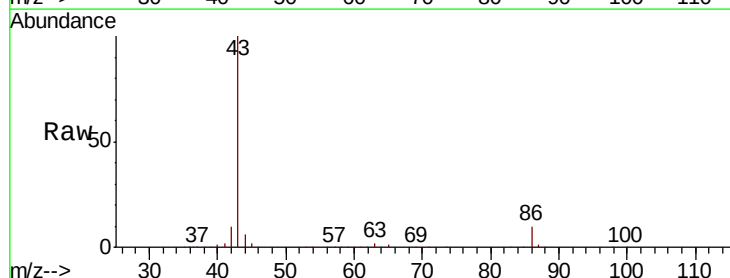
Acq: 1 Nov 2018 13:20

Tgt Ion: 43 Resp: 851298

Ion Ratio Lower Upper

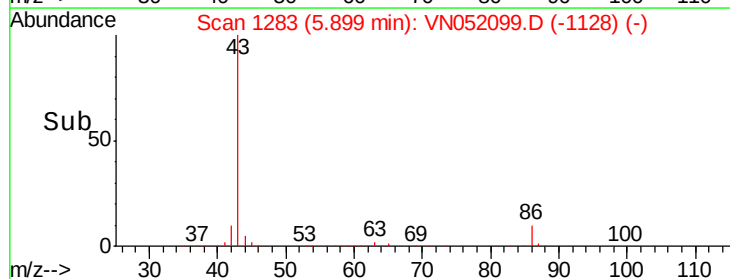
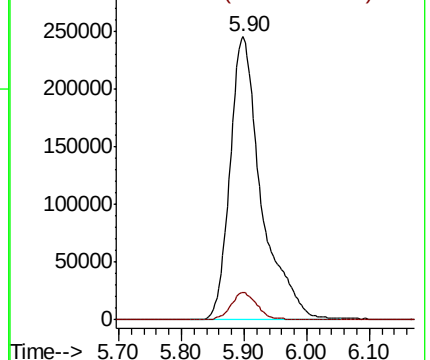
43 100

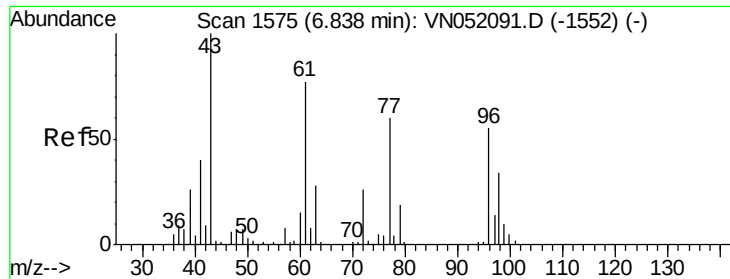
86 8.2 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

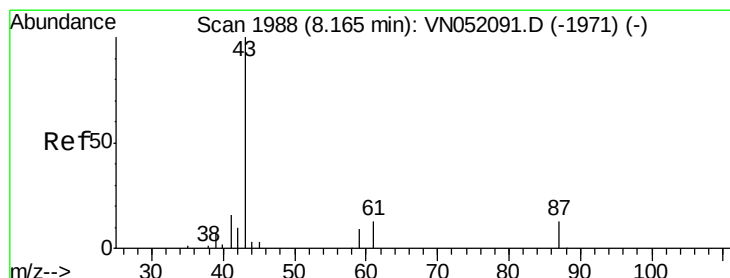
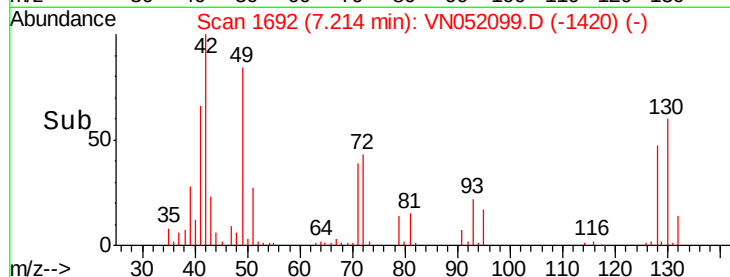
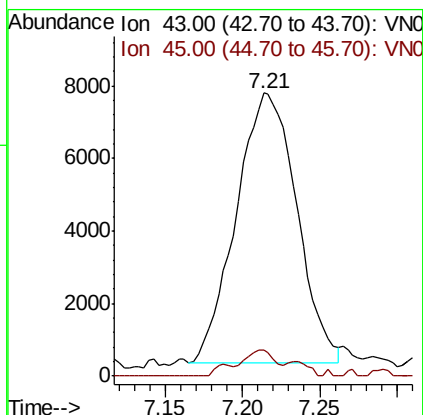
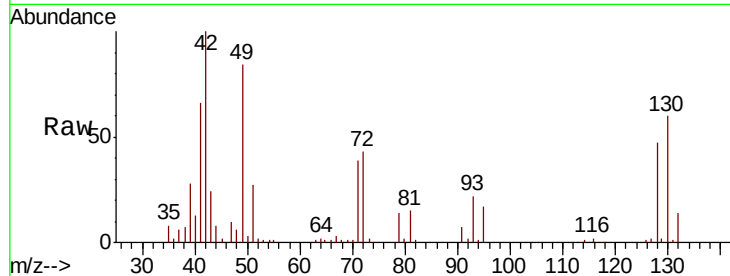




#43
Ethyl Acetate
Concen: 2.635 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.38 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

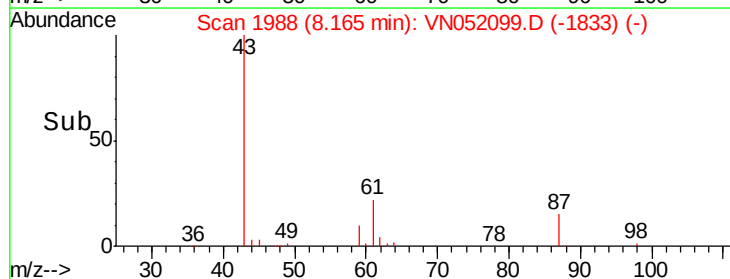
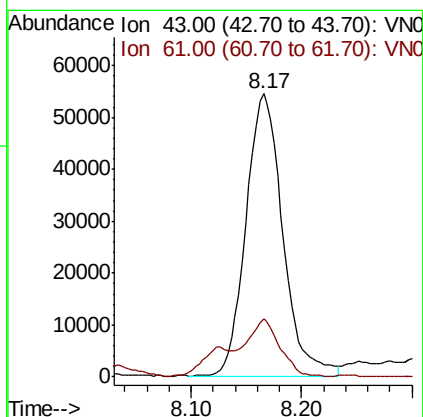
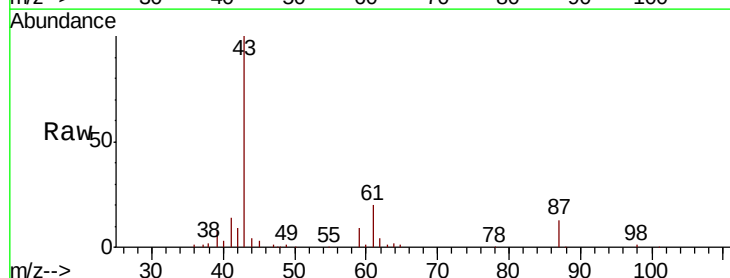
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

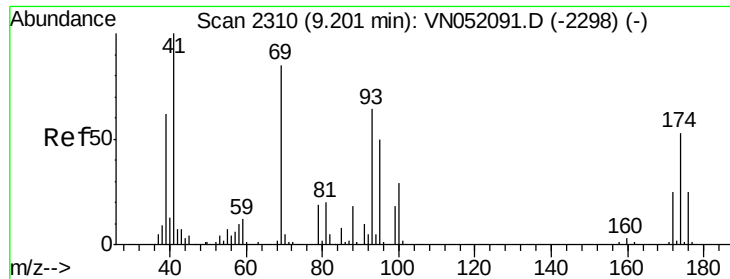
Tgt Ion: 43 Resp: 20146
Ion Ratio Lower Upper
43 100
45 4.9 3.8 5.8



#44
Isopropyl Acetate
Concen: 20.080 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion: 43 Resp: 127104
Ion Ratio Lower Upper
43 100
61 16.4 16.2 24.2





#45

1,4-Dioxane

Concen: 439.361 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

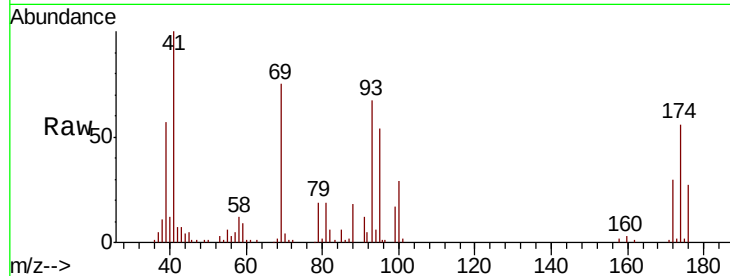
Tgt Ion: 88 Resp: 12687

Ion Ratio Lower Upper

88 100

43 38.0 28.6 43.0

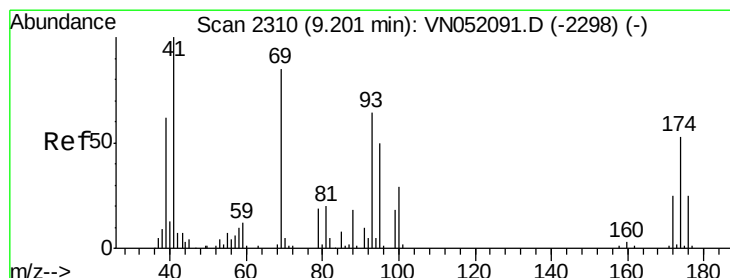
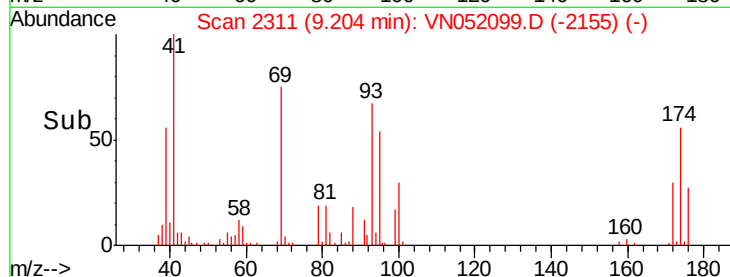
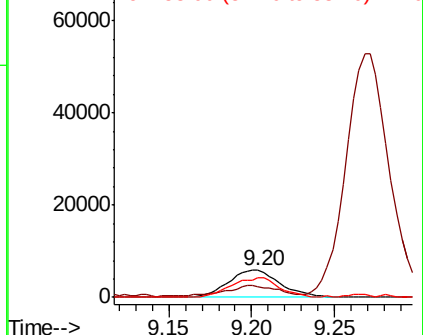
58 66.9 37.8 56.8#



Abundance Ion 88.00 (87.70 to 88.70): VN052099.D (-2155) (-)

Ion 43.00 (42.70 to 43.70): VN052099.D (-2155) (-)

Ion 58.00 (57.70 to 58.70): VN052099.D (-2155) (-)



#46

Methyl methacrylate

Concen: 20.764 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

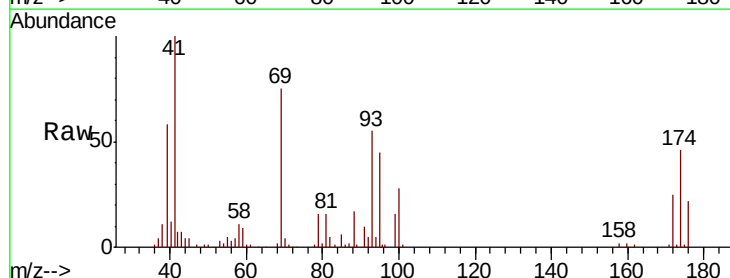
Tgt Ion: 41 Resp: 65424

Ion Ratio Lower Upper

41 100

69 76.0 42.5 127.6

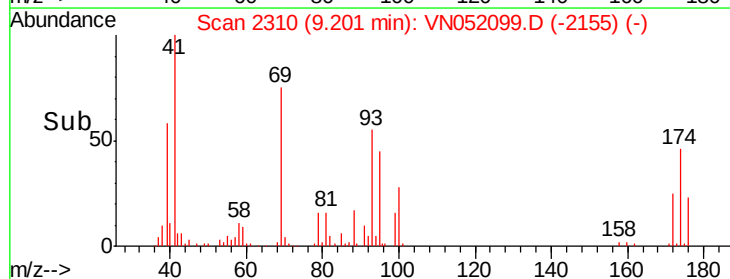
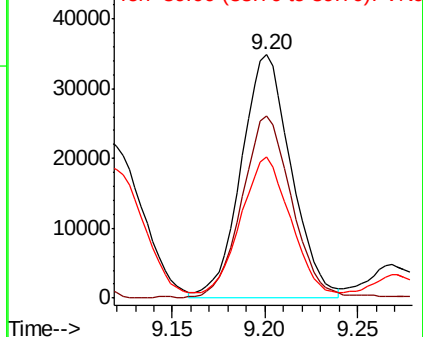
39 57.1 31.1 93.3

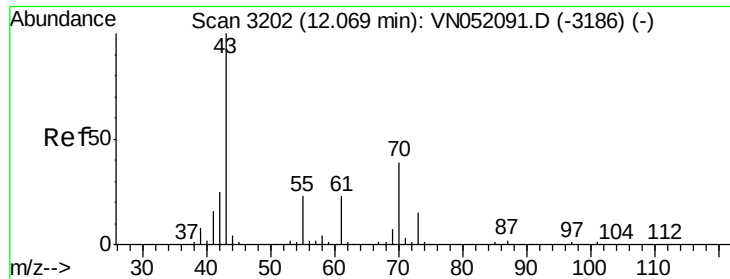


Abundance Ion 41.00 (40.70 to 41.70): VN052099.D (-2155) (-)

Ion 69.00 (68.70 to 69.70): VN052099.D (-2155) (-)

Ion 39.00 (38.70 to 39.70): VN052099.D (-2155) (-)

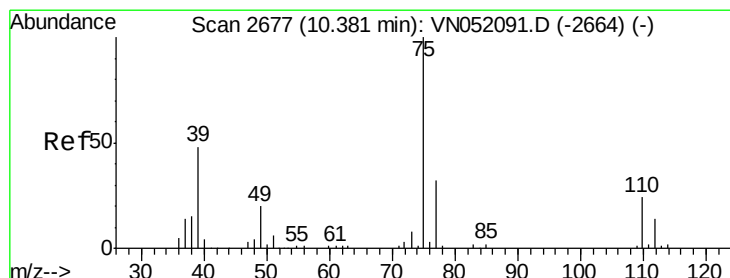
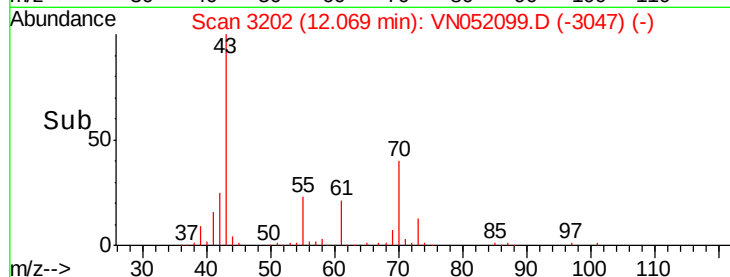
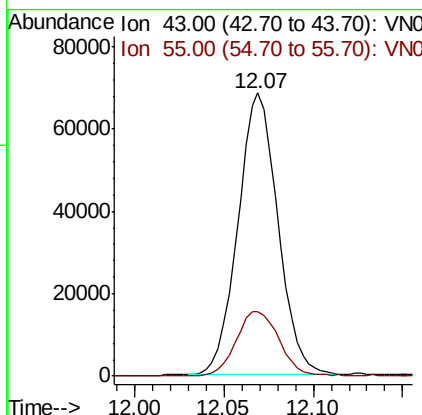
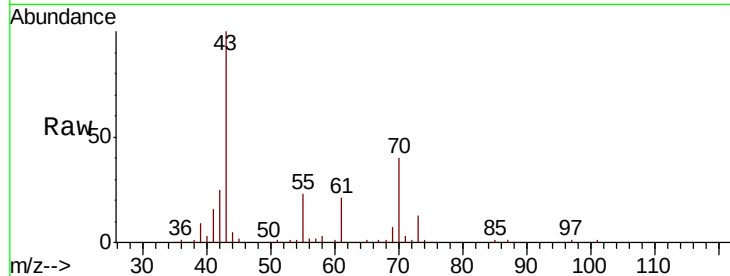




#47
n-amyl Acetate
Concen: 18.600 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

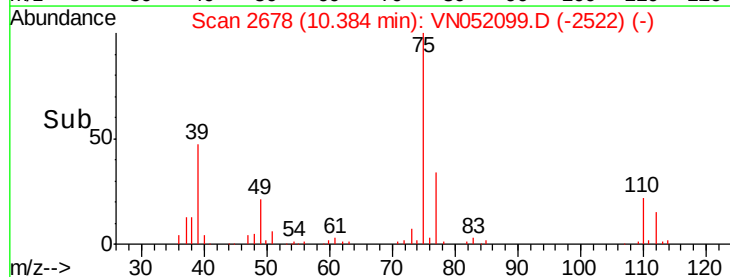
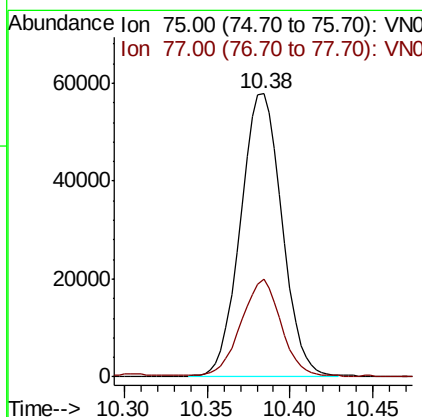
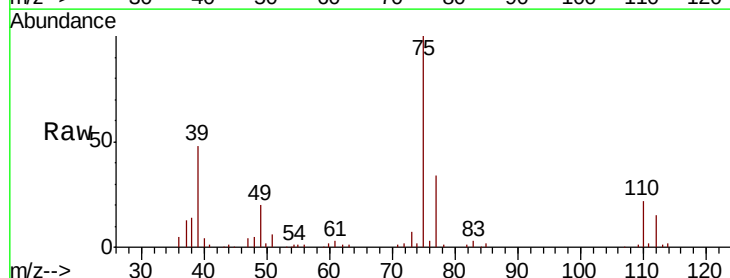
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

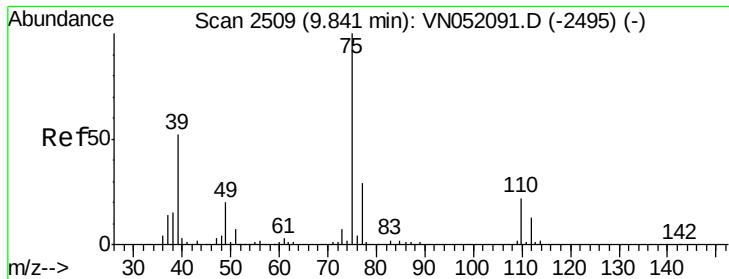
Tgt Ion: 43 Resp: 106719
Ion Ratio Lower Upper
43 100
55 24.7 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 18.118 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion: 75 Resp: 101024
Ion Ratio Lower Upper
75 100
77 33.9 26.3 39.5



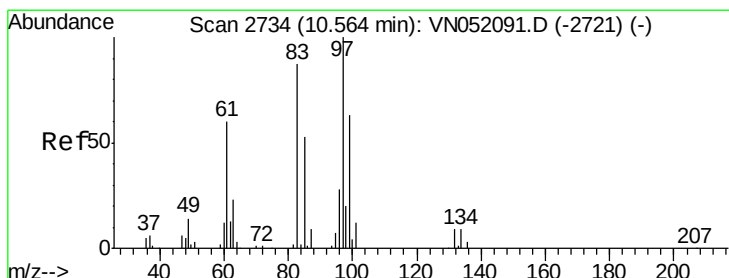
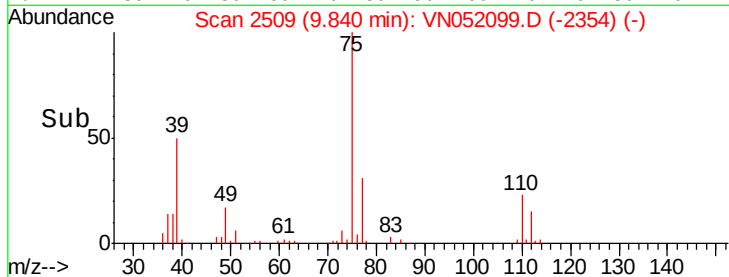
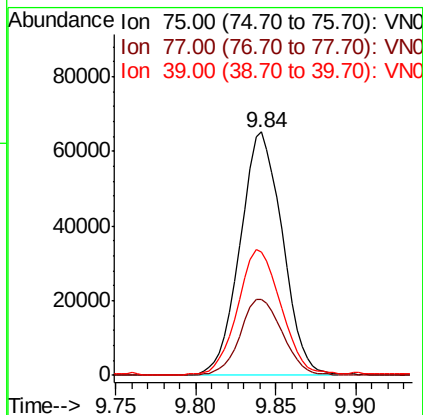
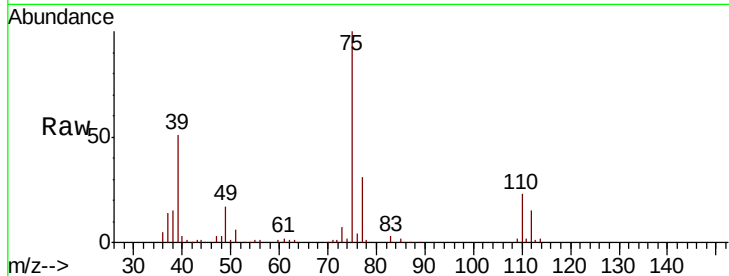


#49

cis-1,3-Dichloropropene
Concen: 18.331 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

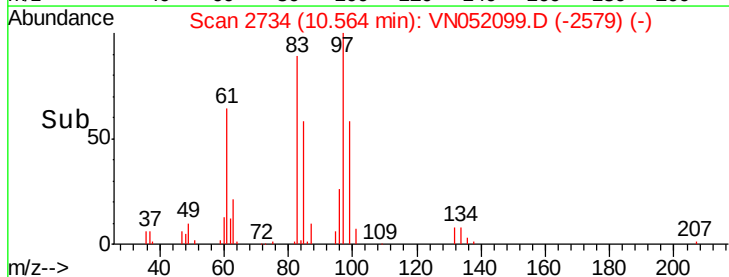
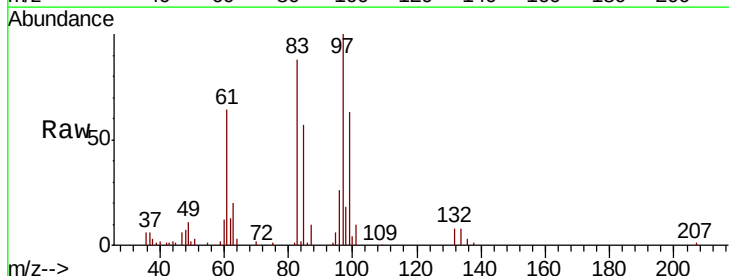
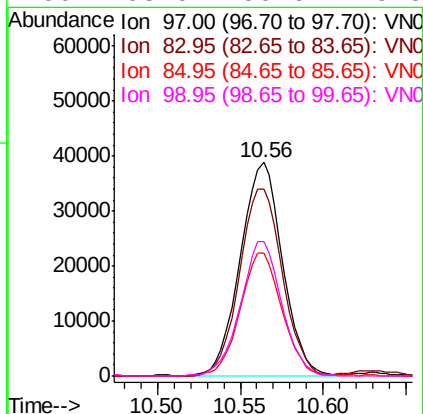
Tgt Ion: 75 Resp: 117971
Ion Ratio Lower Upper
75 100
77 31.0 23.3 34.9
39 50.3 41.6 62.4

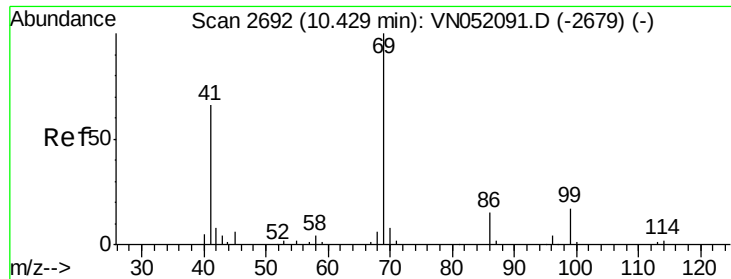


#50

1,1,2-Trichloroethane
Concen: 19.008 ug/l
RT: 10.56 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion: 97 Resp: 68980
Ion Ratio Lower Upper
97 100
83 87.8 69.4 104.0
85 57.4 42.7 64.1
99 63.0 50.6 75.8





#51

Ethyl methacrylate

Concen: 18.667 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

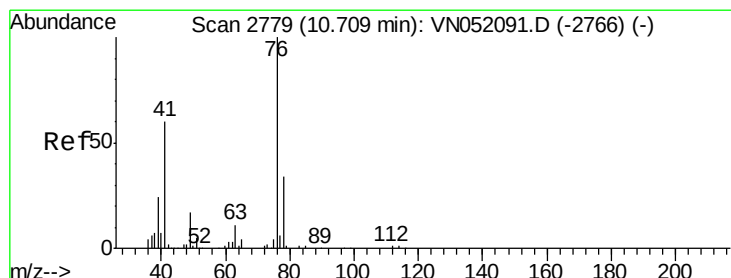
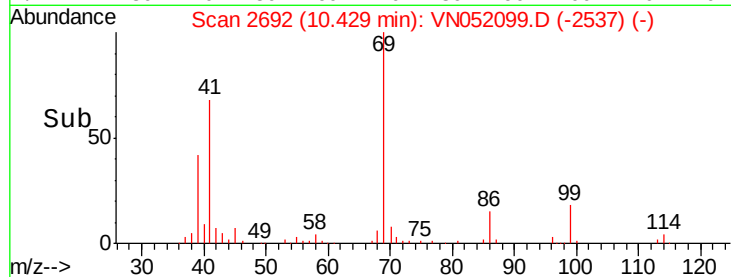
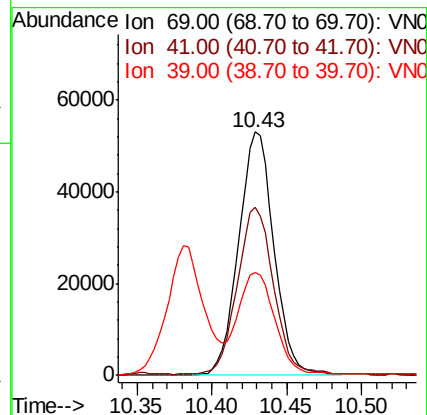
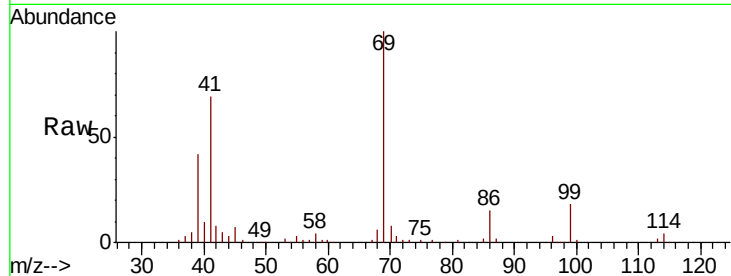
Instrument :

MSVOA_N

ClientSampled :

VN1101WBSD01

Tgt Ion:	69	Resp:	87552
Ion	Ratio	Lower	Upper
69	100		
41	68.3	33.0	99.0
39	41.7	20.7	62.1



#52

1,3-Dichloropropane

Concen: 19.059 ug/l

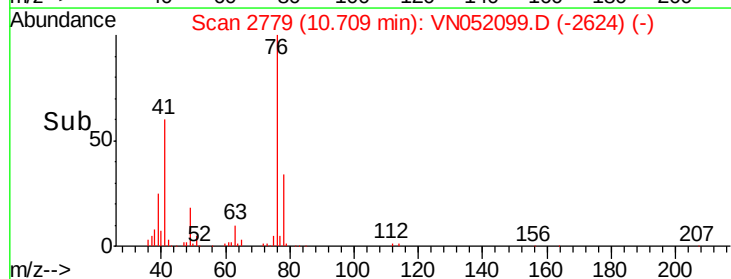
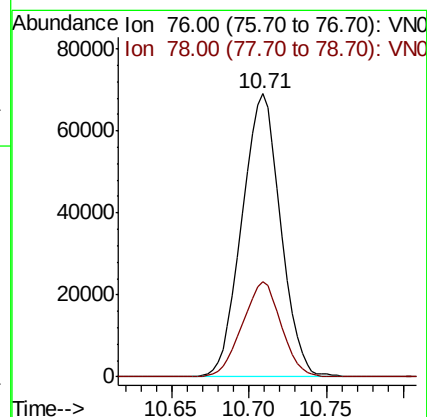
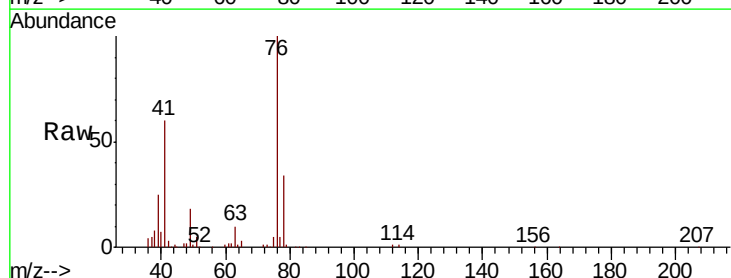
RT: 10.71 min Scan# 2779

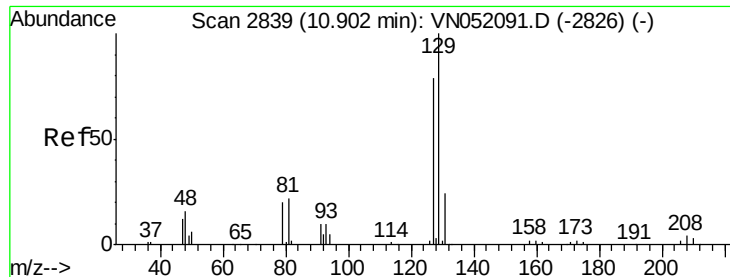
Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Tgt Ion:	76	Resp:	120481
Ion	Ratio	Lower	Upper
76	100		
78	33.8	0.0	65.0

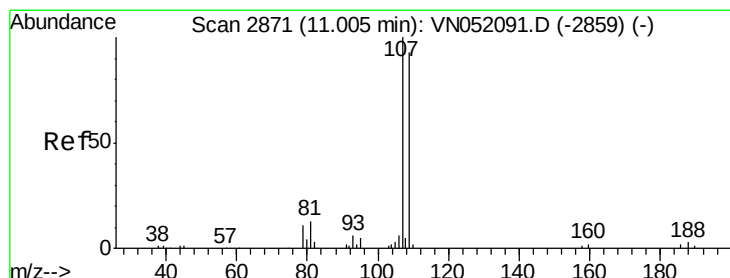
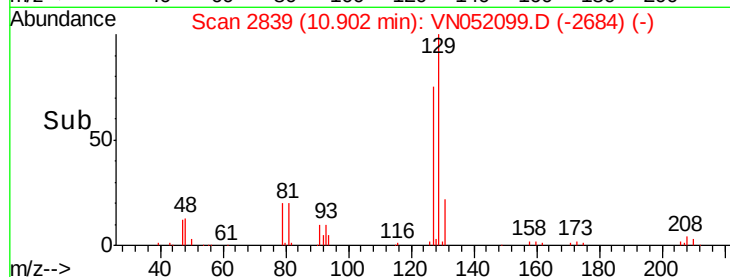
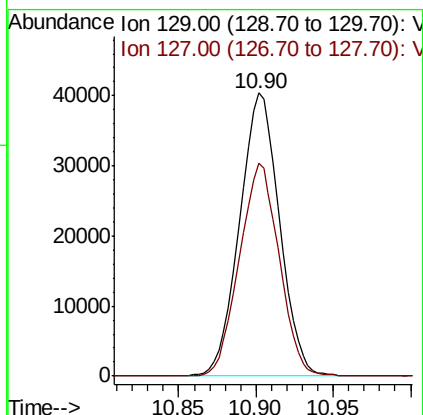
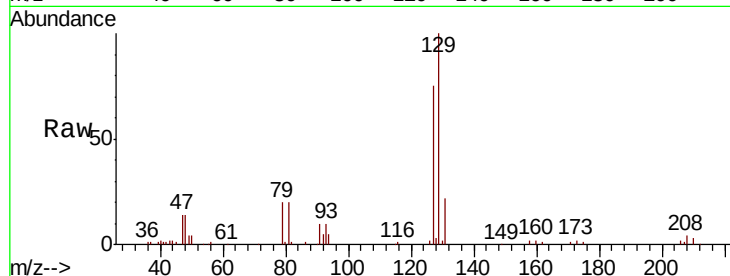




#53
Dibromochloromethane
Concen: 18.526 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

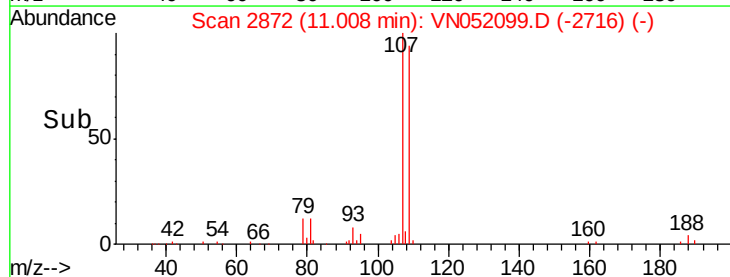
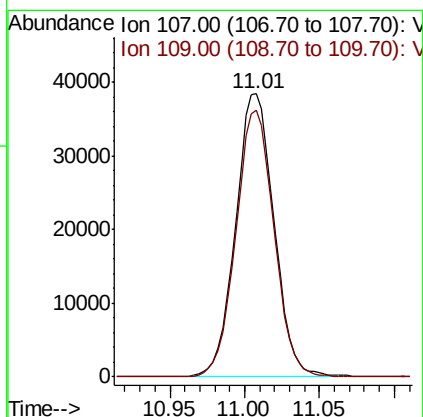
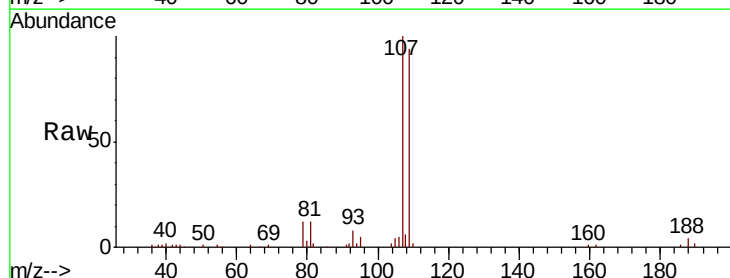
Instrument :
MSVOA_N
ClientSampled :
VN1101WBSD01

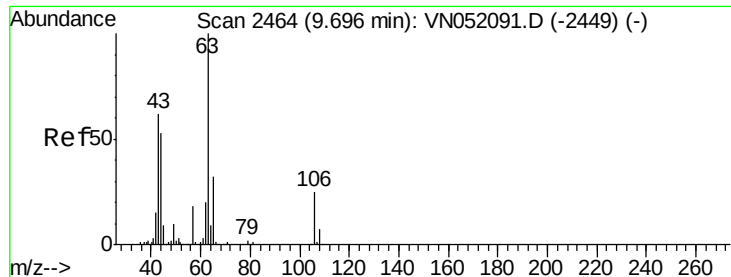
Tgt Ion:129 Resp: 72582
Ion Ratio Lower Upper
129 100
127 74.7 39.2 117.6



#54
1,2-Dibromoethane
Concen: 18.659 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion:107 Resp: 68668
Ion Ratio Lower Upper
107 100
109 93.4 77.0 115.6

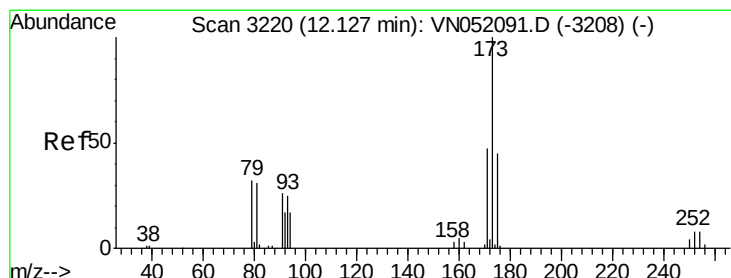
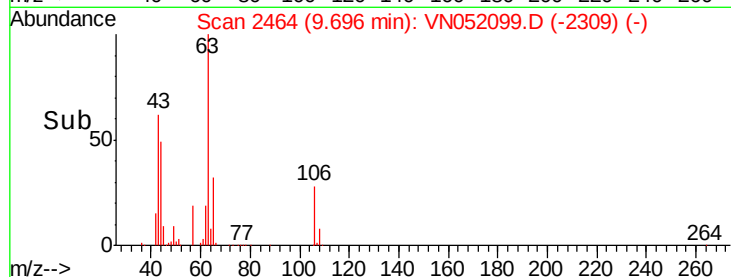
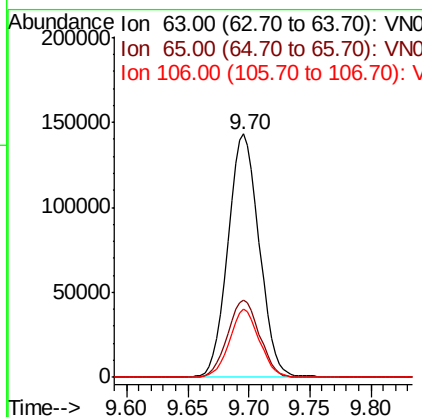
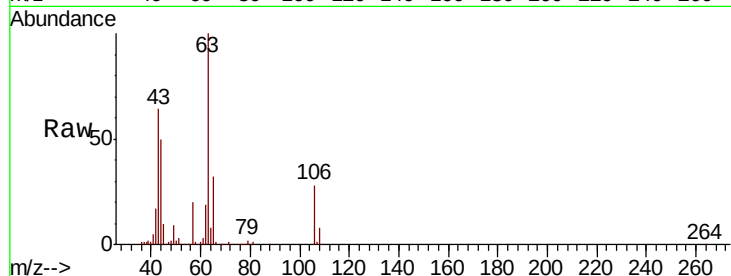




#55
2-Chloroethyl vinyl ether
Concen: 99.798 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

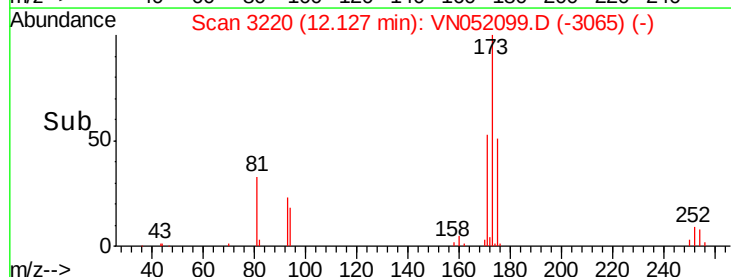
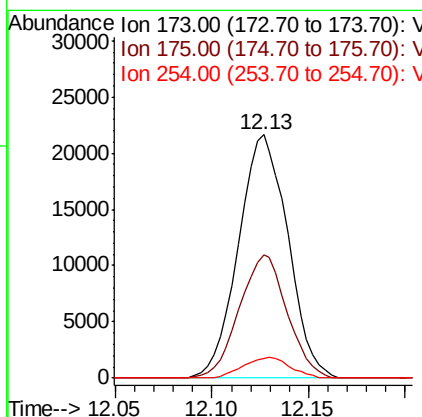
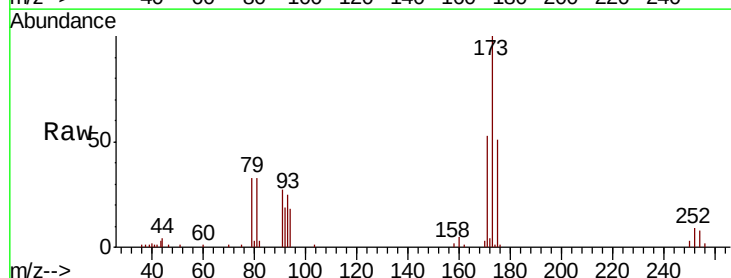
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

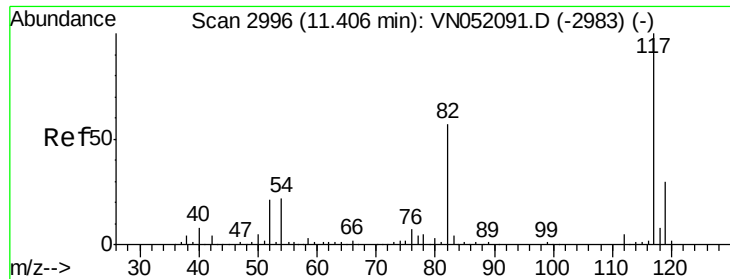
Tgt Ion: 63 Resp: 256319
Ion Ratio Lower Upper
63 100
65 32.3 25.5 38.3
106 26.6 20.4 30.6



#56
Bromoform
Concen: 17.003 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion: 173 Resp: 38476
Ion Ratio Lower Upper
173 100
175 49.0 37.3 55.9
254 8.0 7.0 10.6

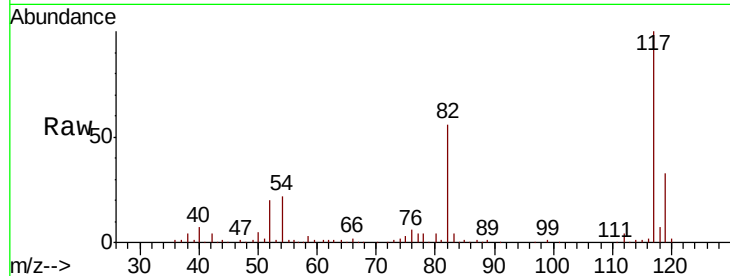




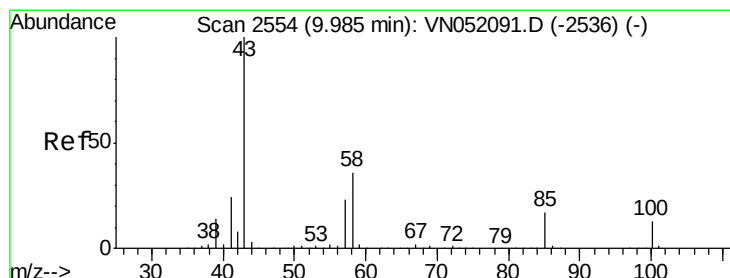
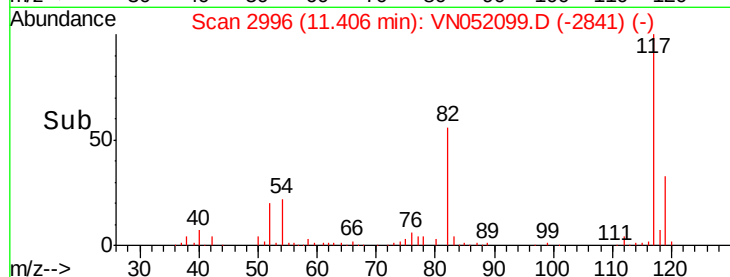
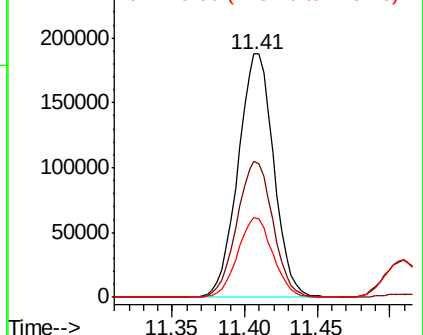
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

Tgt Ion: 117 Resp: 321051
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.6
119 32.3 24.2 36.4

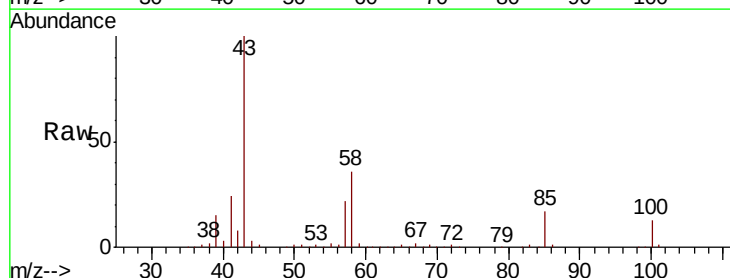


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

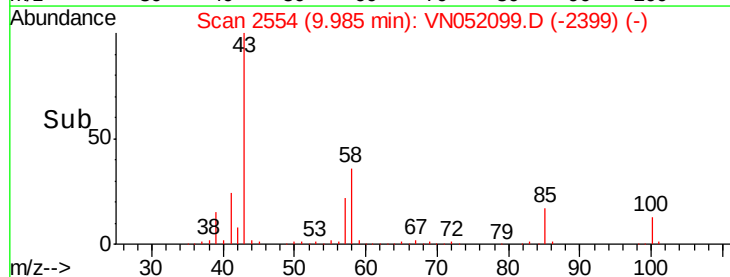
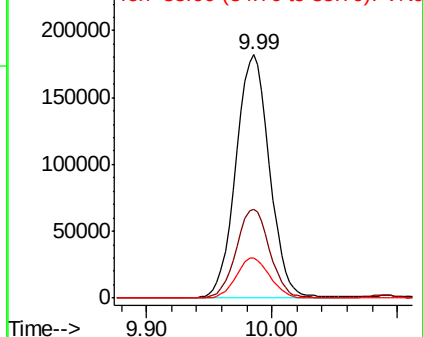


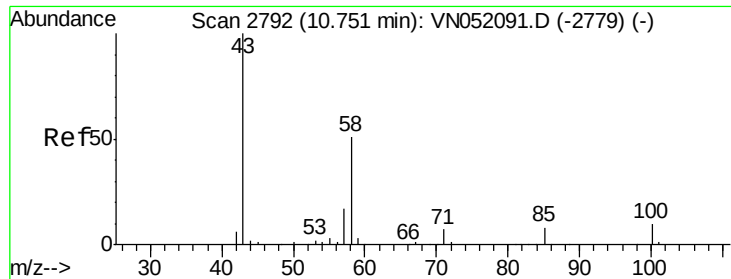
#58
4-Methyl-2-Pentanone
Concen: 98.307 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion: 43 Resp: 338197
Ion Ratio Lower Upper
43 100
58 36.7 29.0 43.6
85 16.7 13.4 20.2



Abundance Ion 43.00 (42.70 to 43.70): VN
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN

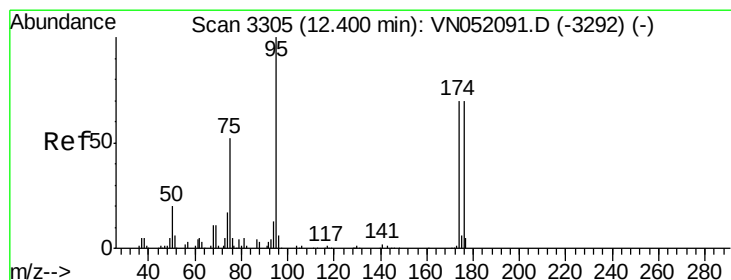
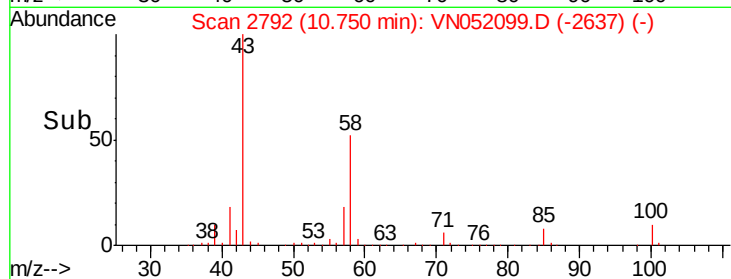
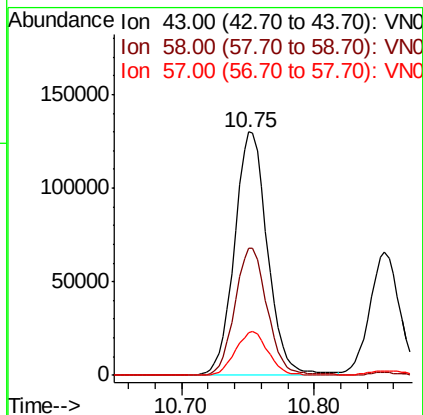
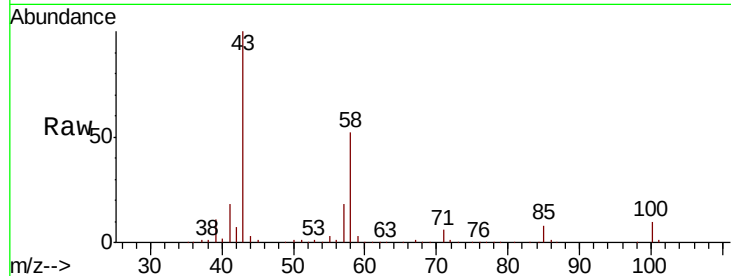




#59
2-Hexanone
Concen: 94.207 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

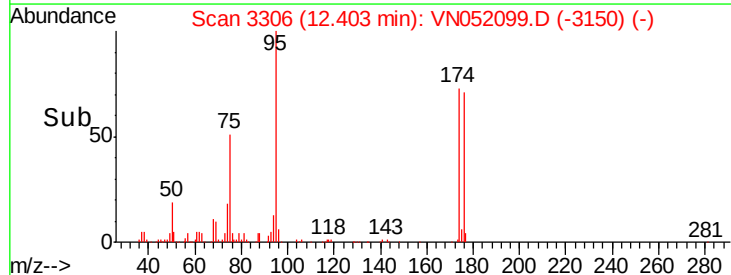
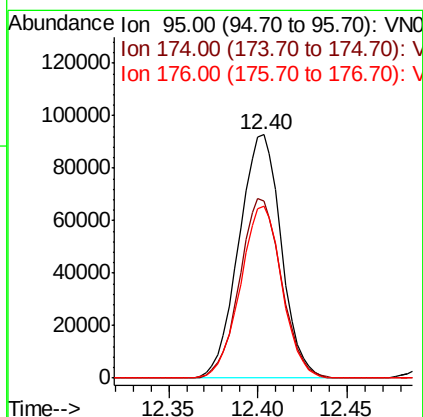
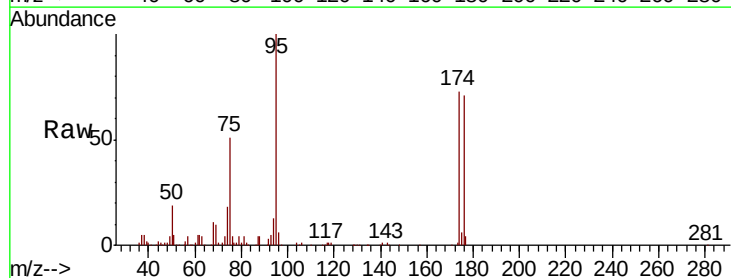
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

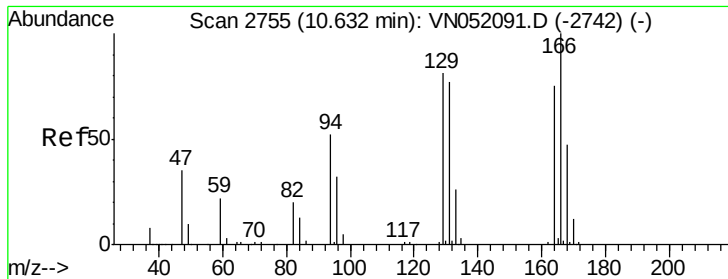
Tgt Ion: 43 Resp: 223149
Ion Ratio Lower Upper
43 100
58 51.6 40.8 61.2
57 17.9 13.8 20.8



#60
4-Bromofluorobenzene
Concen: 94.207 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion: 95 Resp: 153523
Ion Ratio Lower Upper
95 100
174 72.9 55.0 82.6
176 69.3 54.2 81.4





#61

Tetrachloroethene

Concen: 18.695 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

Tgt Ion:164 Resp: 65276

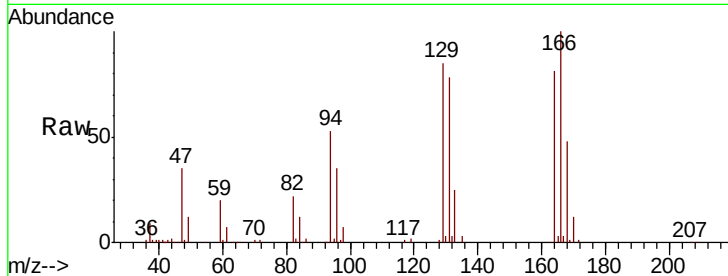
Ion Ratio Lower Upper

164 100

166 122.9 106.4 159.6

129 104.0 87.0 130.4

131 95.6 81.4 122.2

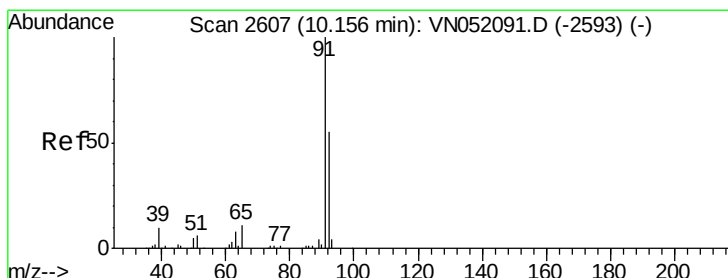
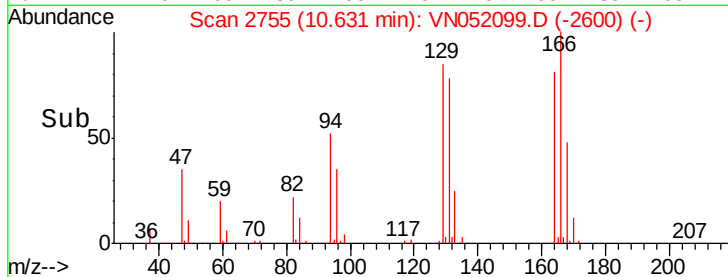
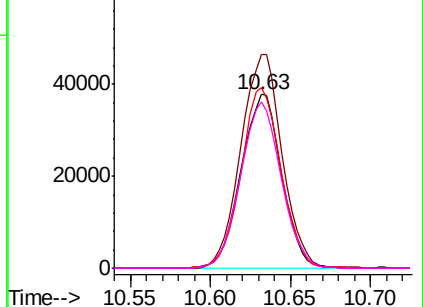


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.217 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052099.D

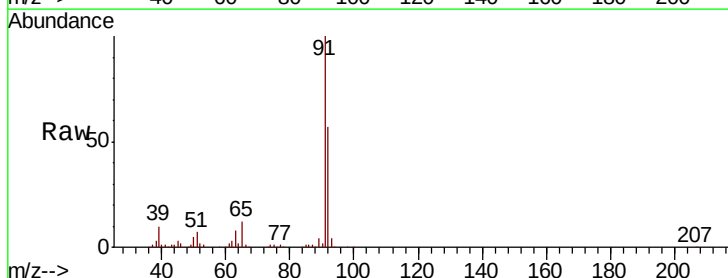
Acq: 1 Nov 2018 13:20

Tgt Ion: 91 Resp: 346342

Ion Ratio Lower Upper

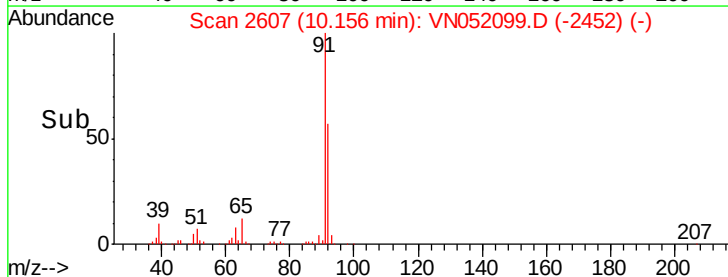
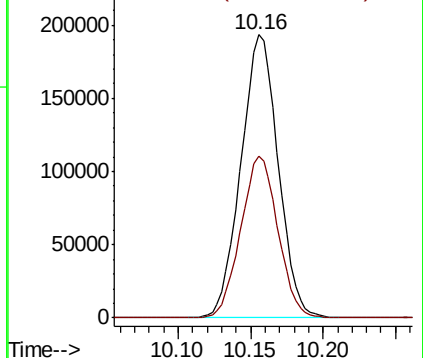
91 100

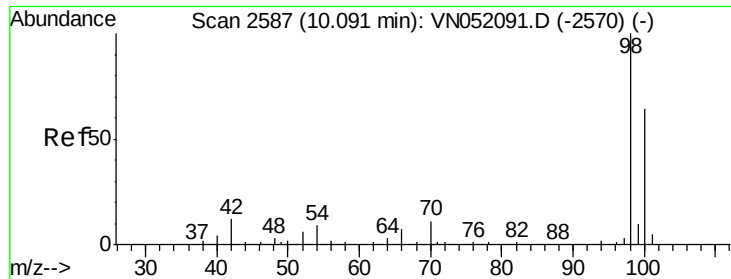
92 57.0 44.6 67.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 19.217 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

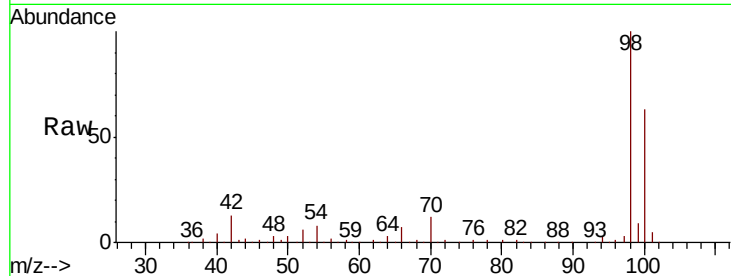
VN1101WBSD01

Tgt Ion: 98 Resp: 450871

Ion Ratio Lower Upper

98 100

100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN052091.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052091.D (-2570) (-)

10.09

250000

200000

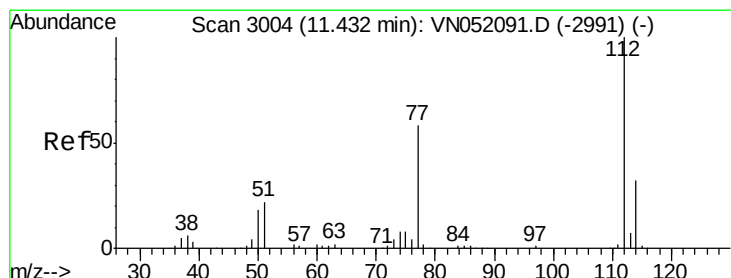
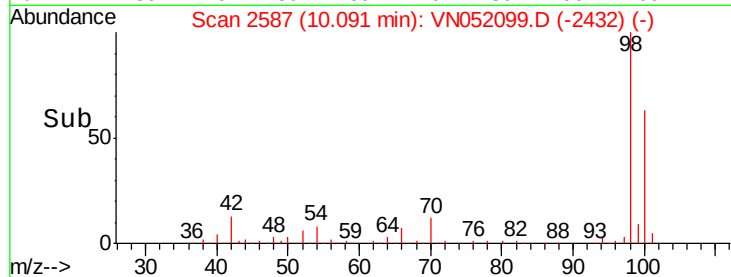
150000

100000

50000

0

Time--> 10.00 10.05 10.10 10.15



#64

Chlorobenzene

Concen: 18.695 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN052099.D

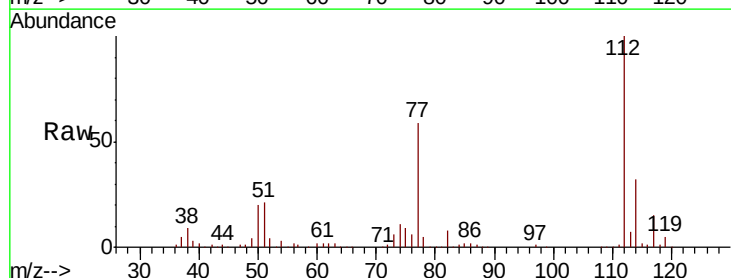
Acq: 1 Nov 2018 13:20

Tgt Ion: 112 Resp: 213541

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): VN052091.D (-2991) (-)

Ion 114.00 (113.70 to 114.70): VN052091.D (-2991) (-)

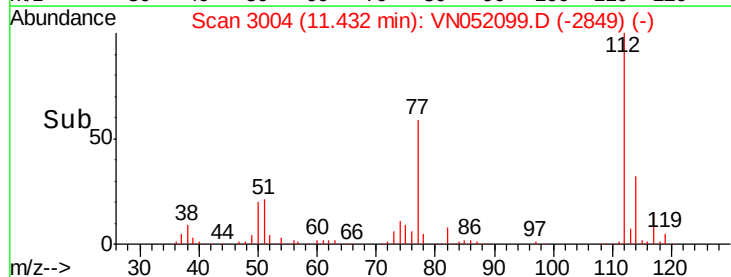
11.43

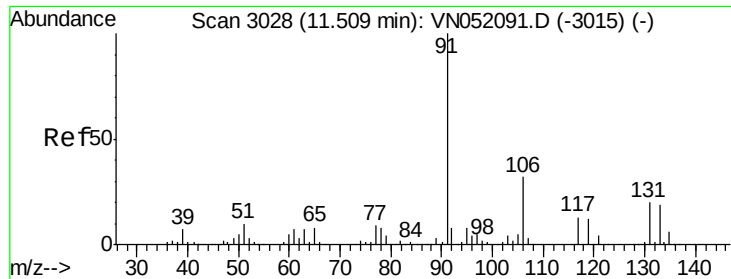
100000

50000

0

Time--> 11.35 11.40 11.45 11.50

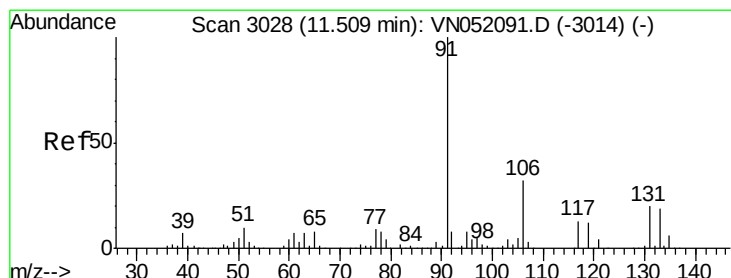
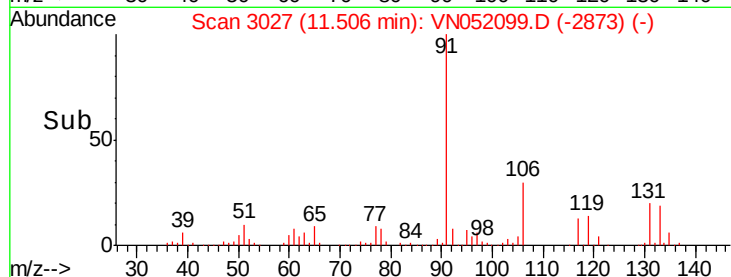
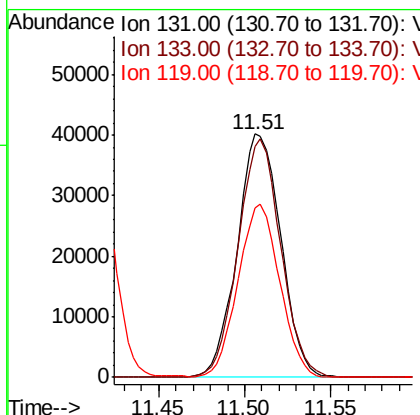
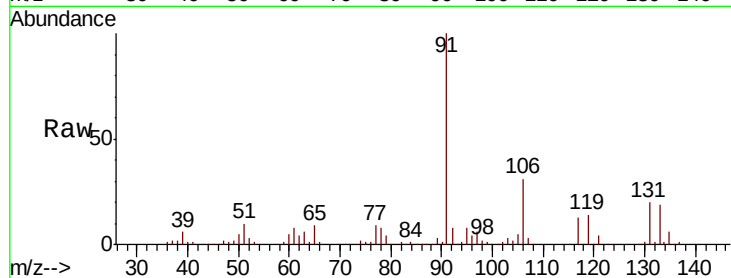




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.219 ug/l
 RT: 11.51 min Scan# 3027
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

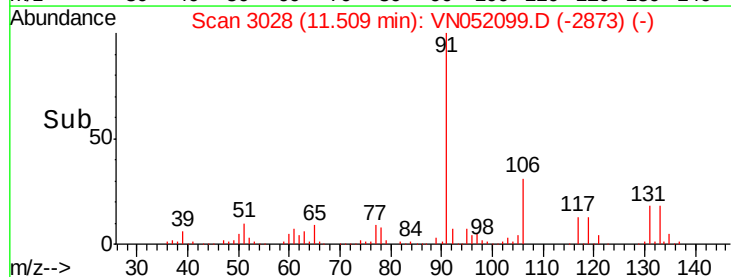
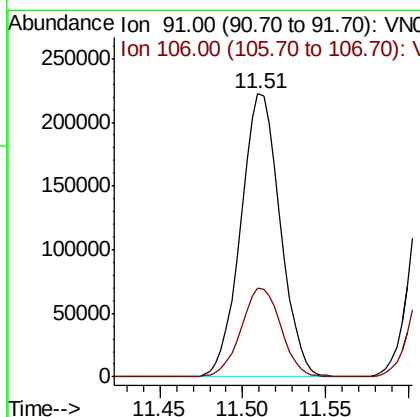
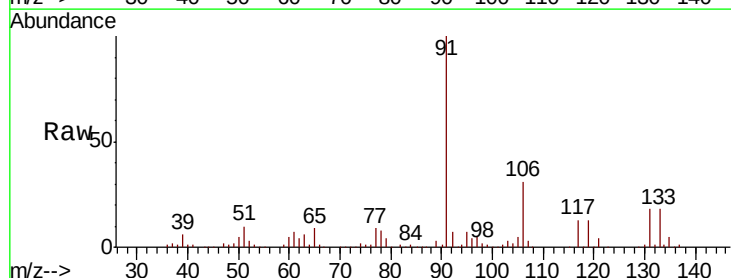
Instrument :
 MSVOA_N
 ClientSampled :
 VN1101WBSD01

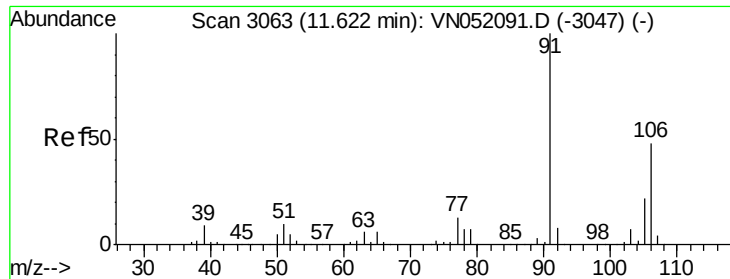
Tgt Ion: 131 Resp: 70829
 Ion Ratio Lower Upper
 131 100
 133 95.7 0.0 188.8
 119 67.9 0.0 131.4



#66
 Ethyl Benzene
 Concen: 18.910 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Tgt Ion: 91 Resp: 368136
 Ion Ratio Lower Upper
 91 100
 106 31.2 25.7 38.5





#67

m/p-Xylenes

Concen: 37.709 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

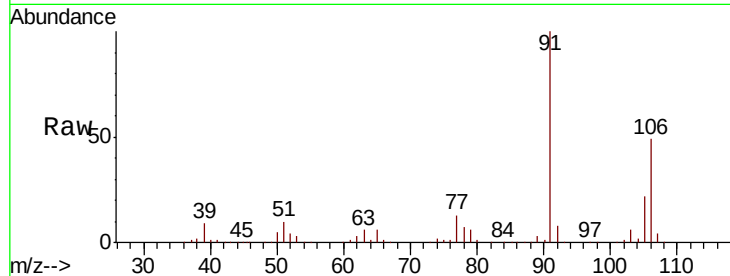
VN1101WBSD01

Tgt Ion:106 Resp: 282624

Ion Ratio Lower Upper

106 100

91 202.6 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

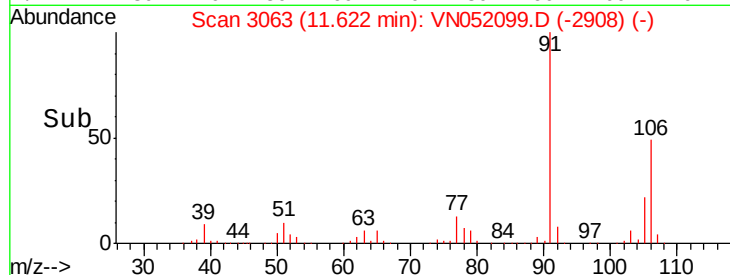
300000

200000

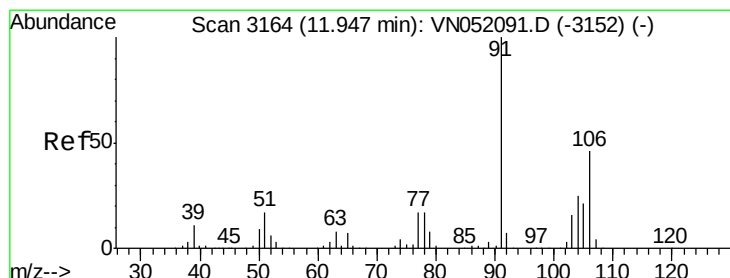
100000

0

11.55 11.60 11.65 11.70



Time-->



#68

o-Xylene

Concen: 18.978 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. 0.00 min

Lab File: VN052099.D

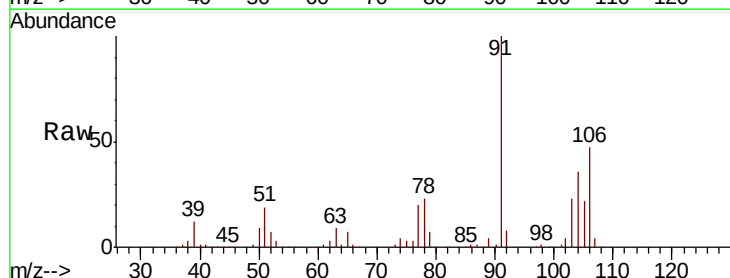
Acq: 1 Nov 2018 13:20

Tgt Ion:106 Resp: 135607

Ion Ratio Lower Upper

106 100

91 218.5 110.0 330.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

200000

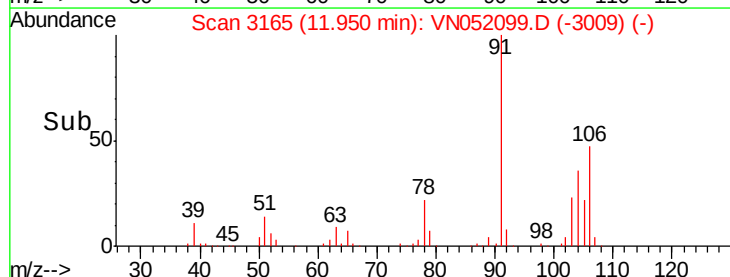
150000

100000

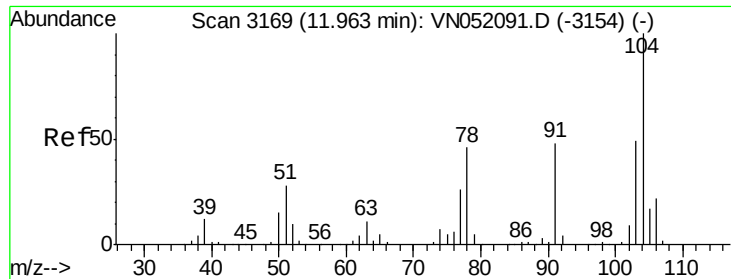
50000

0

11.90 11.95 12.00



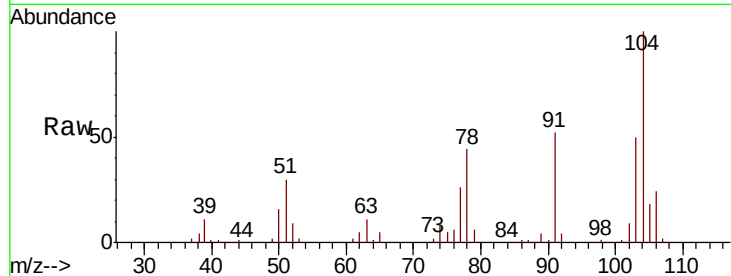
Time-->



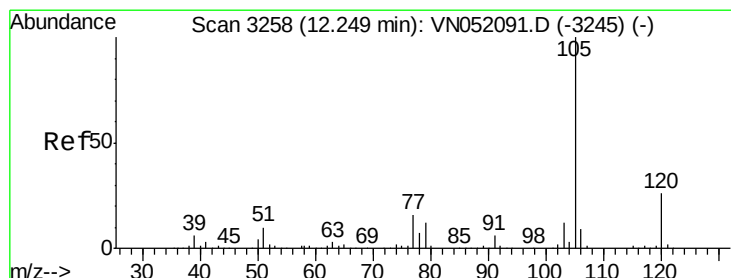
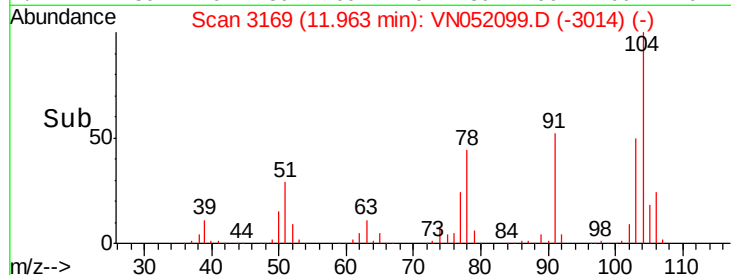
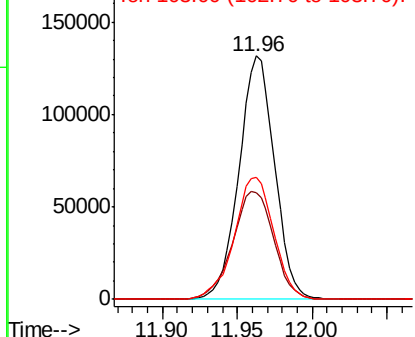
#69
Styrene
Concen: 18.983 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Instrument :
MSVOA_N
ClientSampled :
VN1101WBSD01

Tgt Ion:104 Resp: 218583
Ion Ratio Lower Upper
104 100
78 51.2 41.3 61.9
103 55.4 43.3 64.9

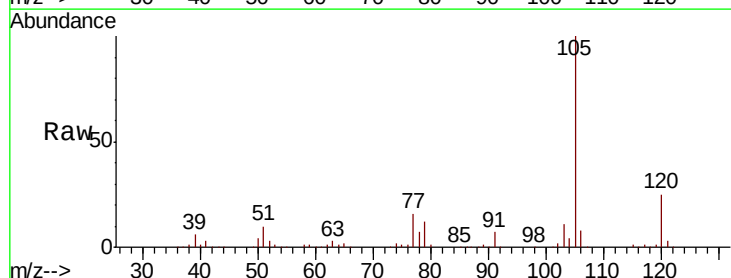


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

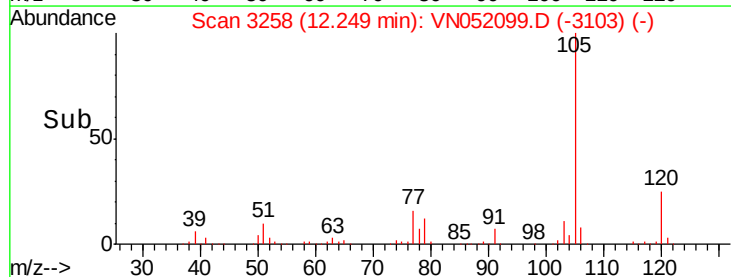
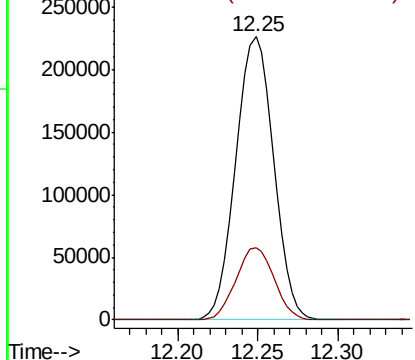


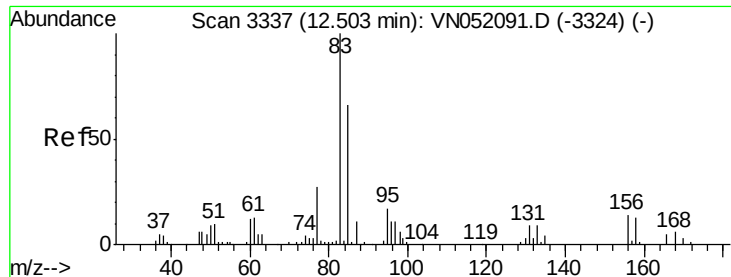
#70
Isopropylbenzene
Concen: 19.007 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion:105 Resp: 364599
Ion Ratio Lower Upper
105 100
120 25.6 18.4 34.2



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

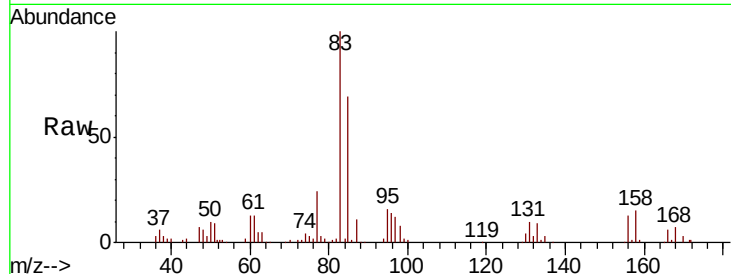




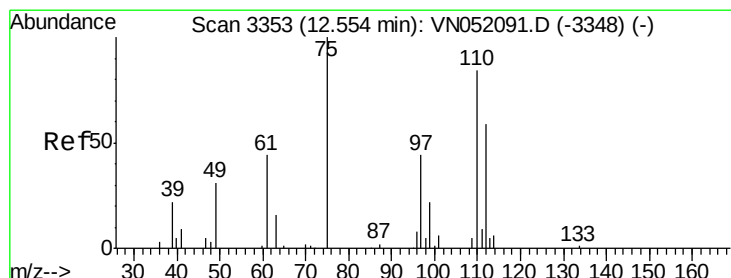
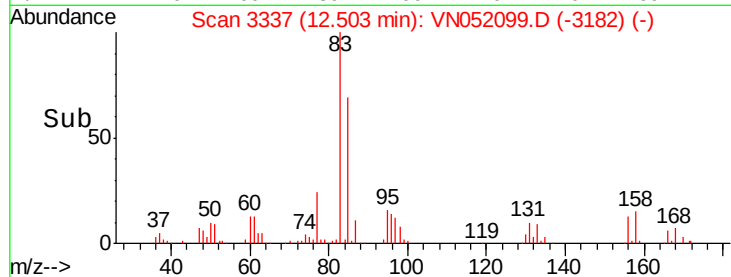
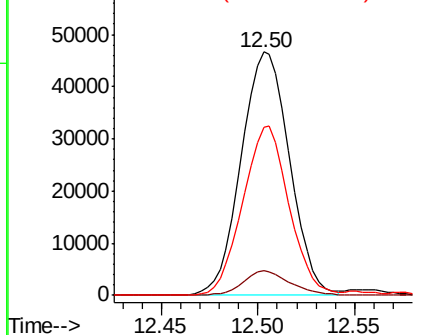
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.255 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Tgt Ion: 83 Resp: 81241
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.8 14.3
 85 66.4 32.7 98.1

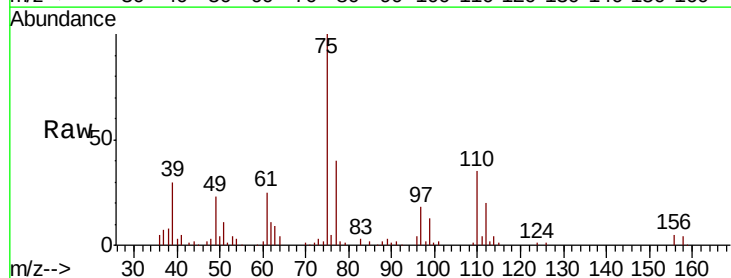


Abundance Ion 83.00 (82.70 to 83.70): VN0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VN0

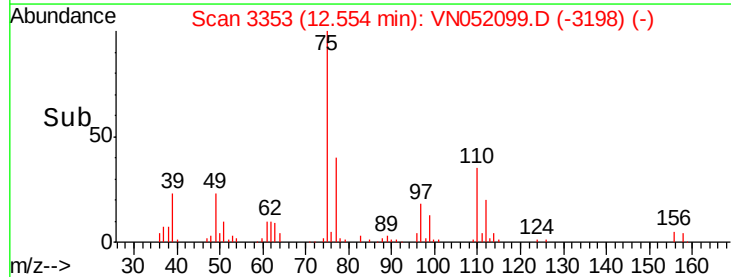
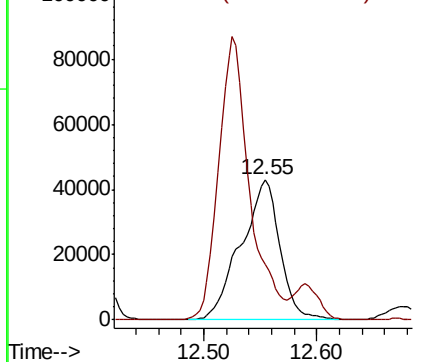


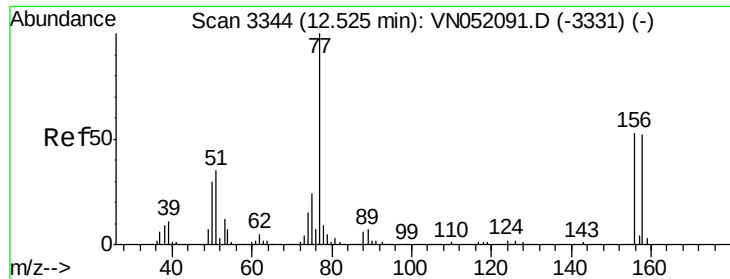
#72
 1,2,3-Trichloropropane
 Concen: 27.742 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Tgt Ion: 75 Resp: 102918
 Ion Ratio Lower Upper
 75 100
 77 160.6 0.0 481.8



Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 18.549 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

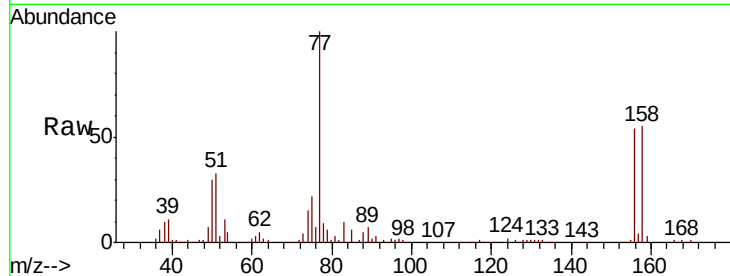
Tgt Ion:156 Resp: 78844

Ion Ratio Lower Upper

156 100

77 209.6 0.0 428.0

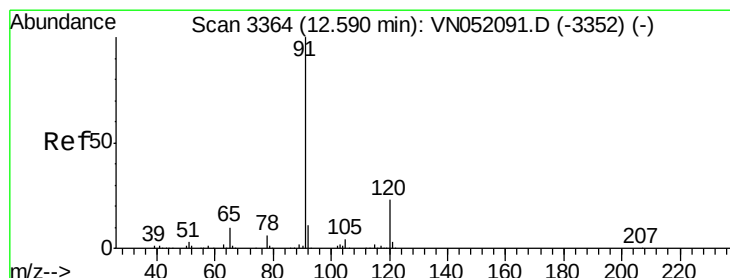
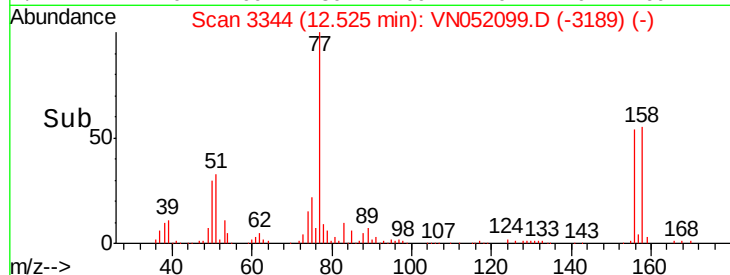
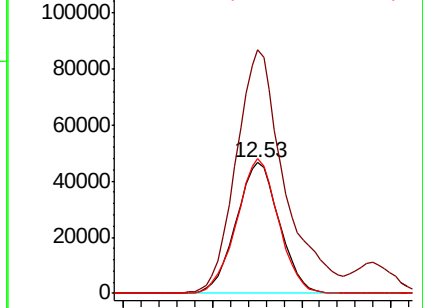
158 99.2 0.0 196.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.697 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052099.D

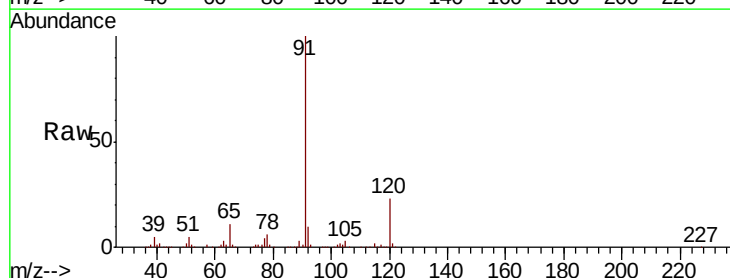
Acq: 1 Nov 2018 13:20

Tgt Ion: 91 Resp: 417657

Ion Ratio Lower Upper

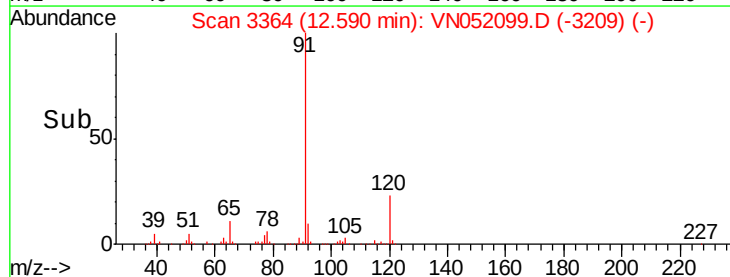
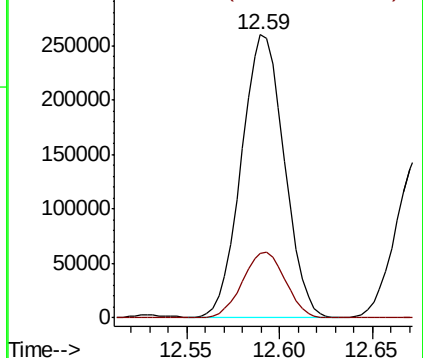
91 100

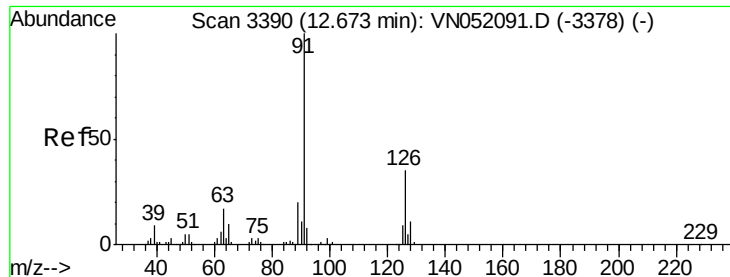
120 23.2 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.936 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

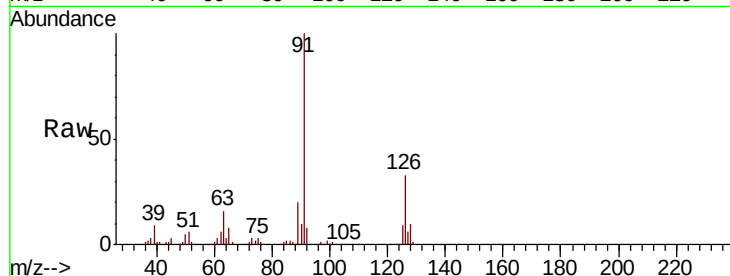
VN1101WBSD01

Tgt Ion: 91 Resp: 243865

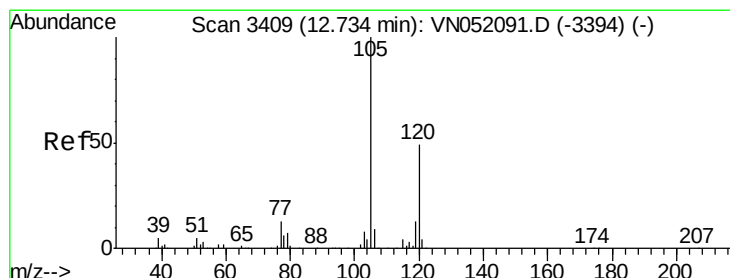
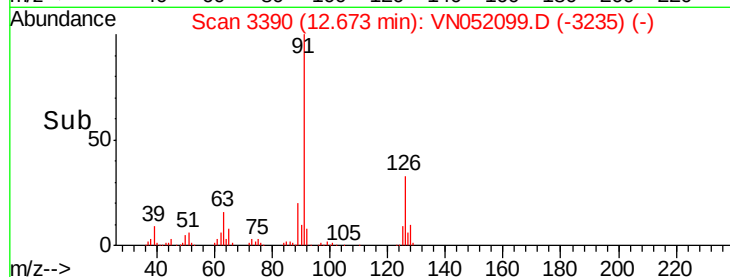
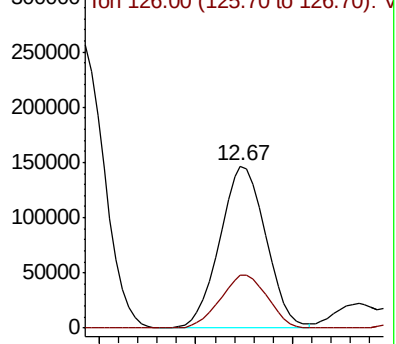
Ion Ratio Lower Upper

91 100

126 33.4 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VN052099.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.106 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052099.D

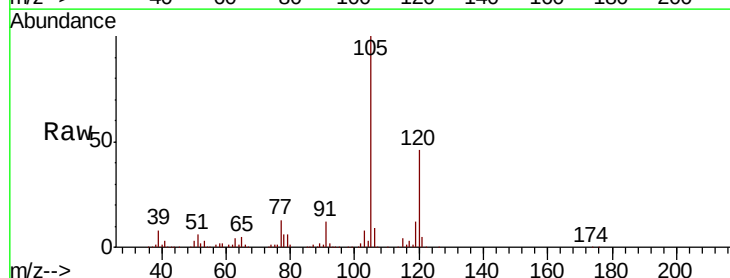
Acq: 1 Nov 2018 13:20

Tgt Ion: 105 Resp: 293884

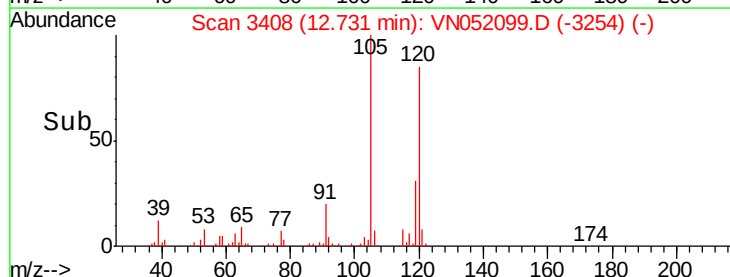
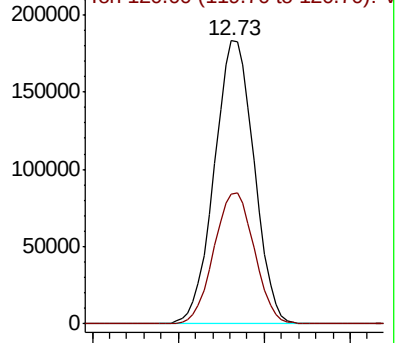
Ion Ratio Lower Upper

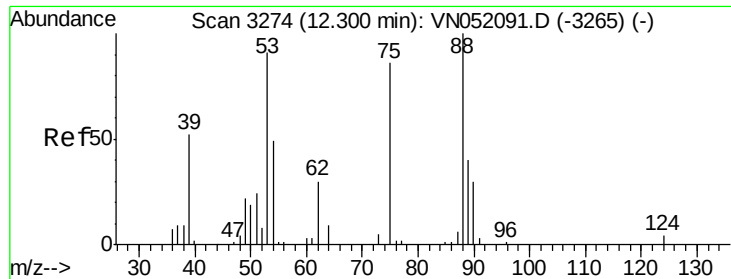
105 100

120 47.0 0.0 95.8



Abundance Ion 105.00 (104.70 to 105.70): VN052099.D (-3394) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.164 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

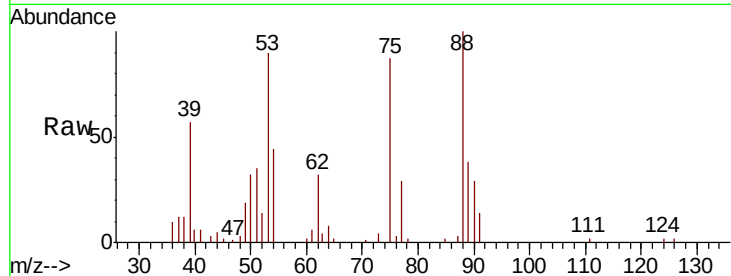
Tgt Ion: 75 Resp: 19923

Ion Ratio Lower Upper

75 100

53 103.8 50.7 152.1

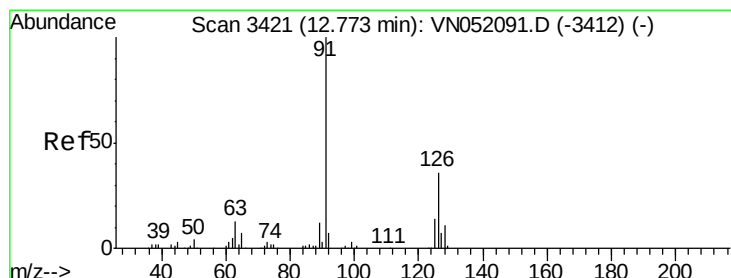
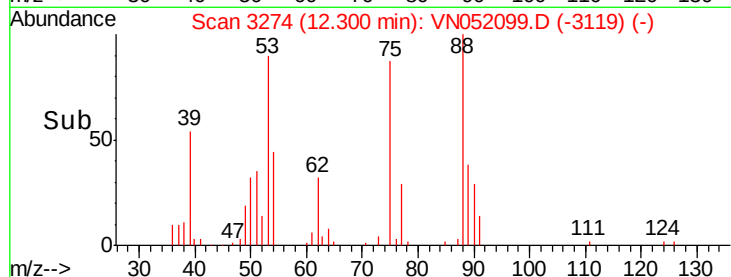
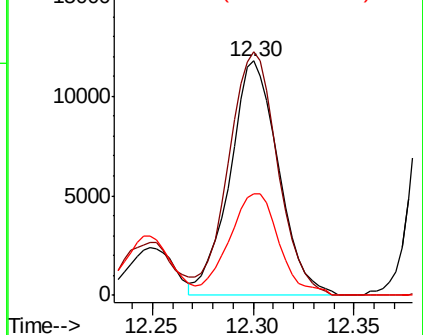
89 43.1 23.8 71.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.063 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052099.D

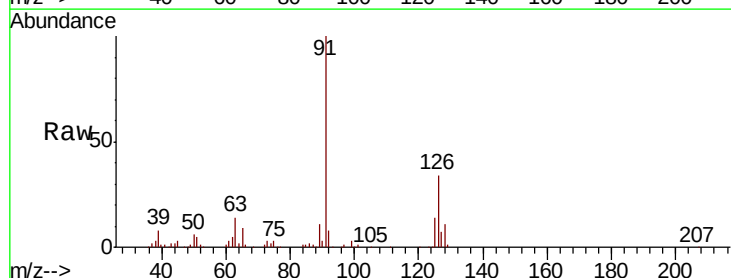
Acq: 1 Nov 2018 13:20

Tgt Ion: 91 Resp: 247225

Ion Ratio Lower Upper

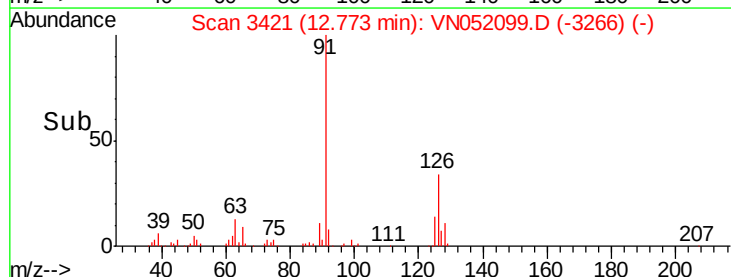
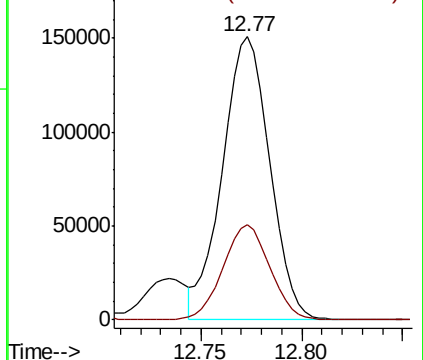
91 100

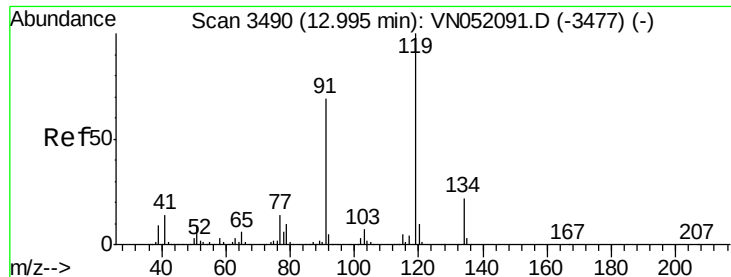
126 33.3 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V

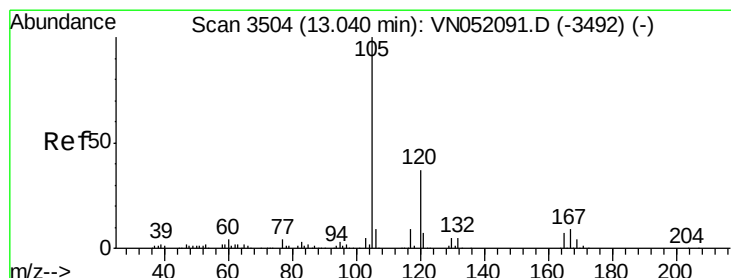
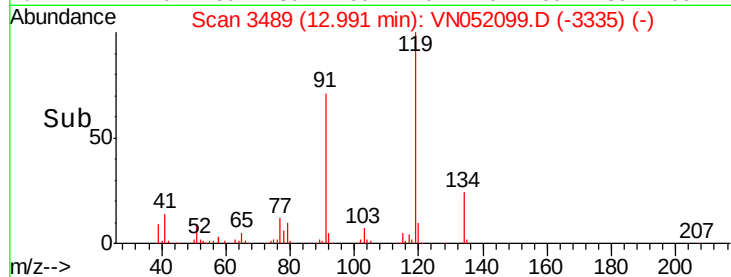
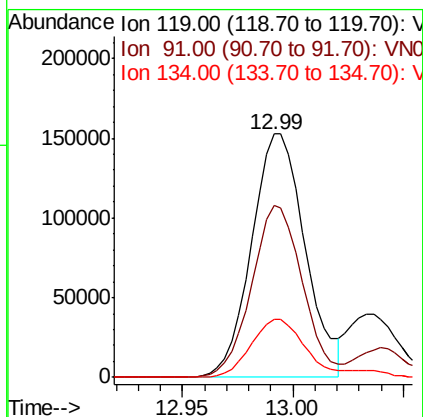
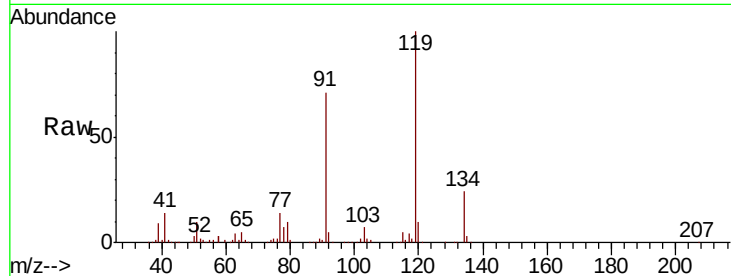




#79
tert-butylbenzene
Concen: 19.216 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

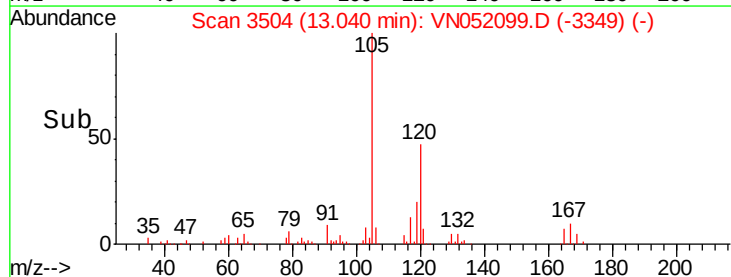
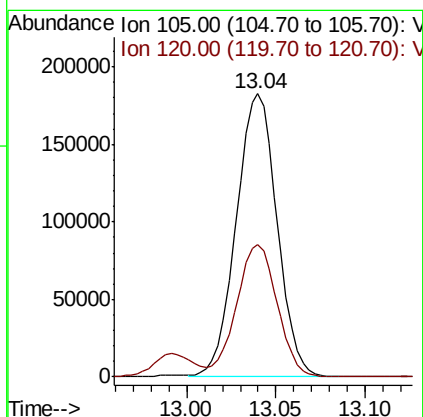
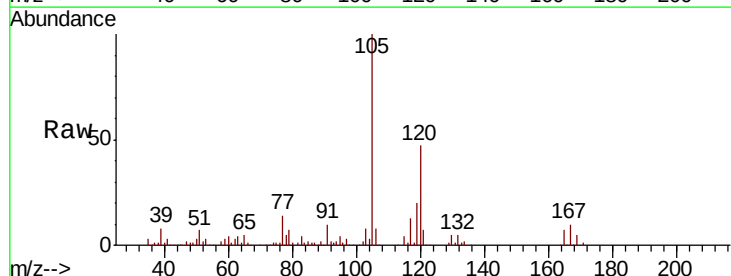
Instrument :
MSVOA_N
ClientSampleId :
VN1101WBSD01

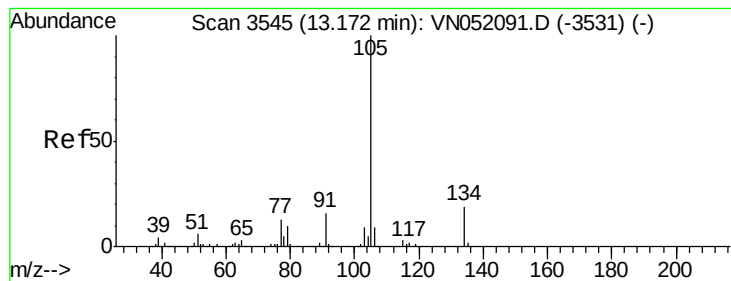
Tgt Ion:119 Resp: 257476
Ion Ratio Lower Upper
119 100
91 66.8 0.0 131.2
134 23.8 0.0 45.8



#80
1,2,4-Trimethylbenzene
Concen: 19.044 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN052099.D
Acq: 1 Nov 2018 13:20

Tgt Ion:105 Resp: 291824
Ion Ratio Lower Upper
105 100
120 46.6 0.0 89.4





#81

sec-Butylbenzene

Concen: 18.726 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

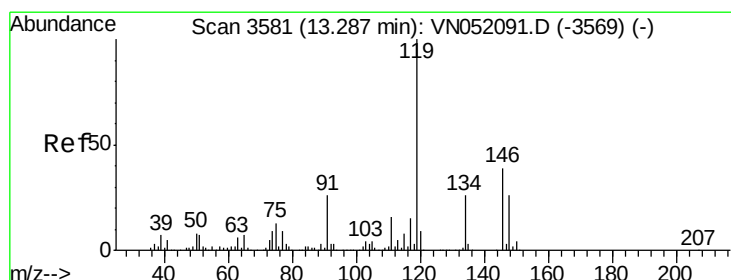
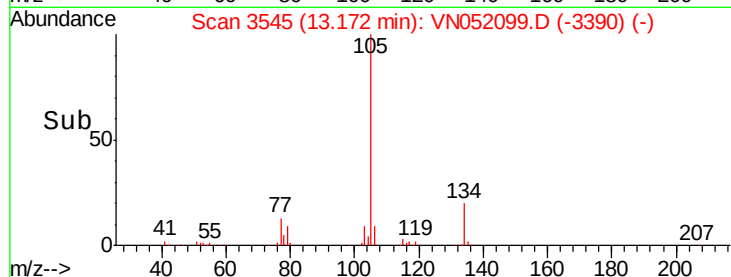
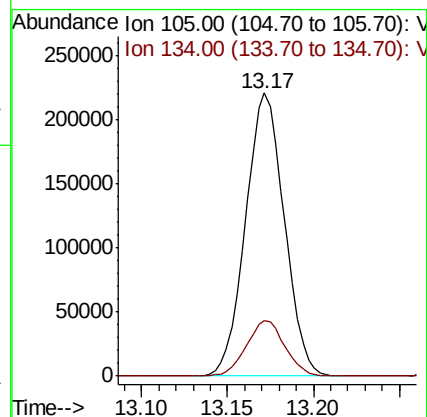
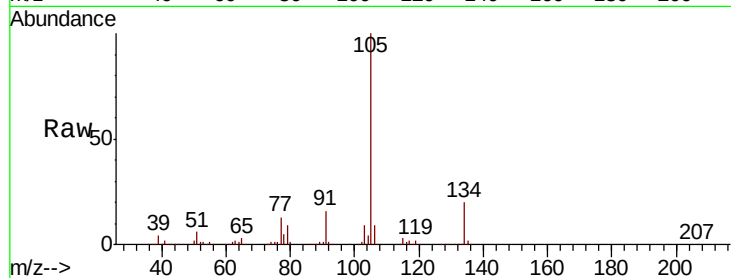
VN1101WBSD01

Tgt Ion:105 Resp: 345304

Ion Ratio Lower Upper

105 100

134 19.4 0.0 38.6



#82

p-Isopropyltoluene

Concen: 18.704 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

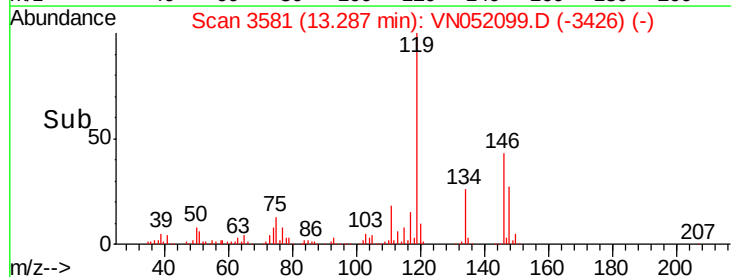
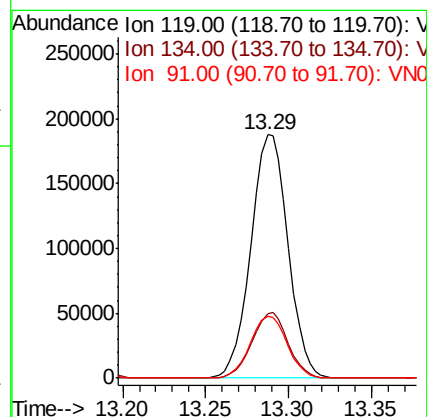
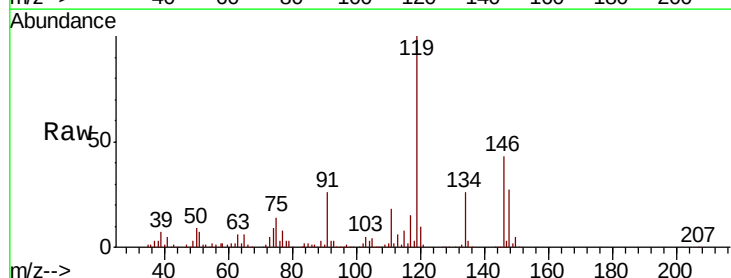
Tgt Ion:119 Resp: 291470

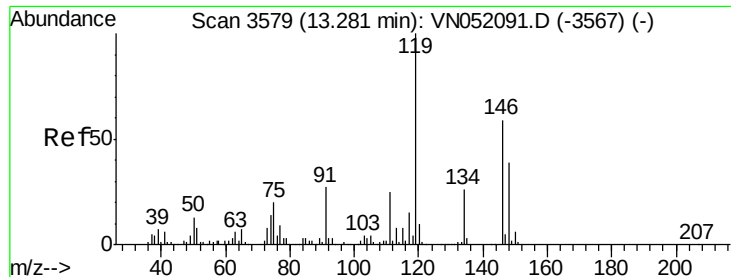
Ion Ratio Lower Upper

119 100

134 26.2 0.0 52.0

91 25.5 0.0 50.8

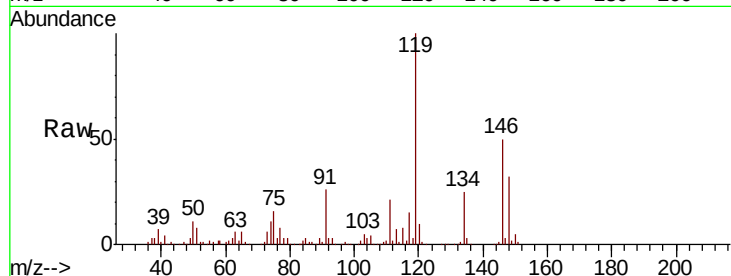




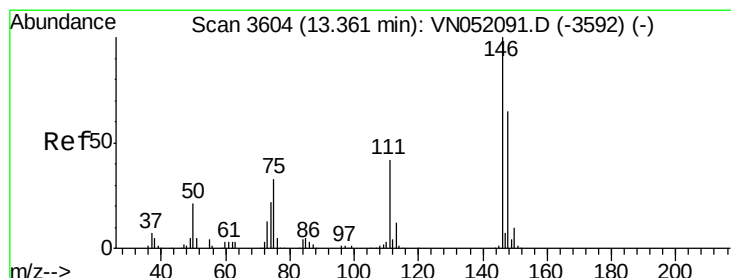
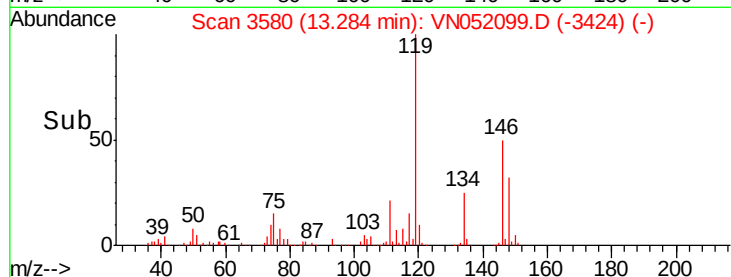
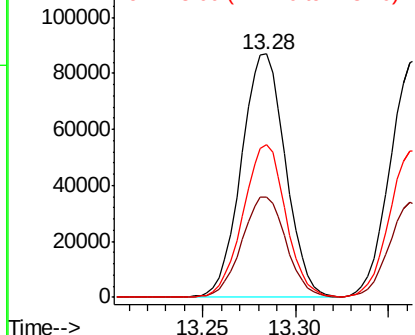
#83
 1,3-Dichlorobenzene
 Concen: 19.177 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

Tgt Ion:146 Resp: 144180
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.0 63.0
 148 60.9 33.4 100.2

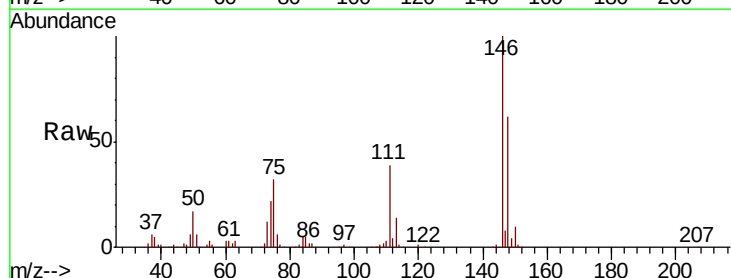


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

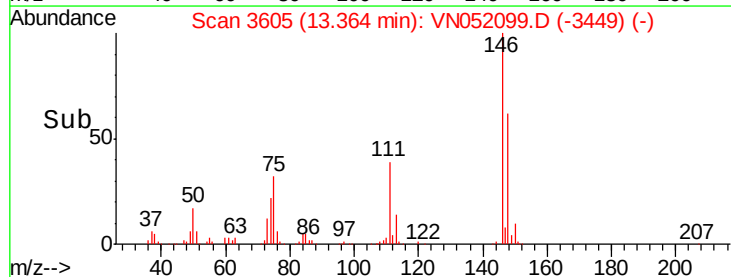
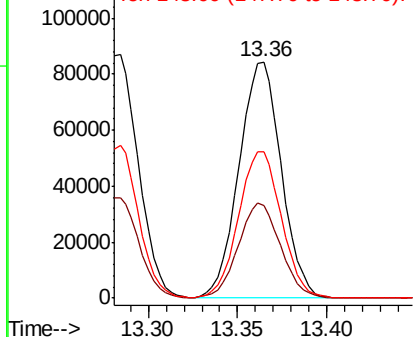


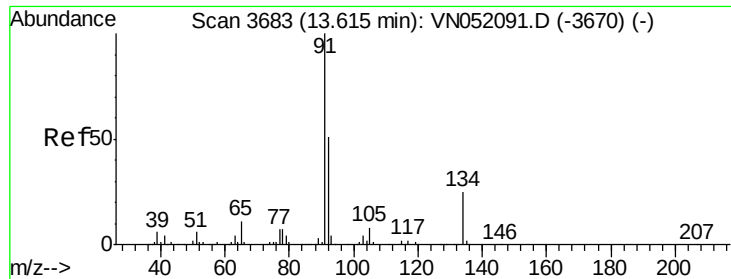
#84
 1,4-Dichlorobenzene
 Concen: 18.813 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Tgt Ion:146 Resp: 140024
 Ion Ratio Lower Upper
 146 100
 111 40.0 21.4 64.2
 148 62.5 32.6 98.0



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.286 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

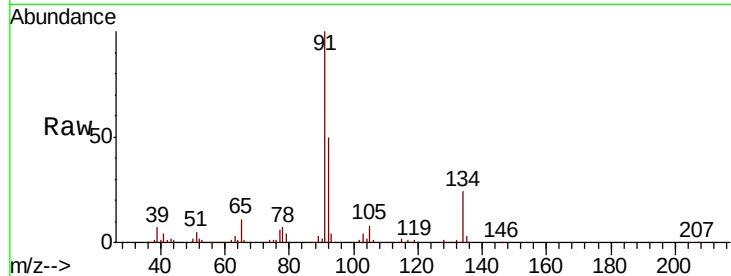
Tgt Ion: 91 Resp: 246634

Ion Ratio Lower Upper

91 100

92 50.8 0.0 102.8

134 24.6 0.0 49.2



Abundance Ion 91.00 (90.70 to 91.70): VN052099.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN052099.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN052099.D (-3670) (-)

13.62

150000

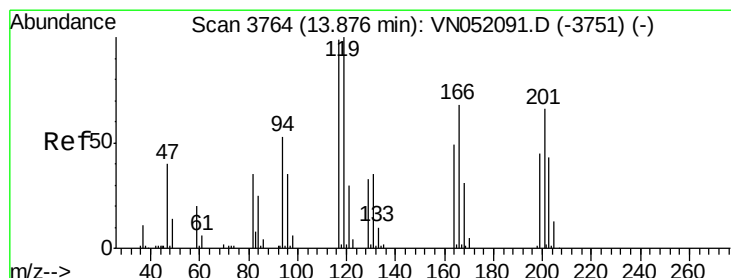
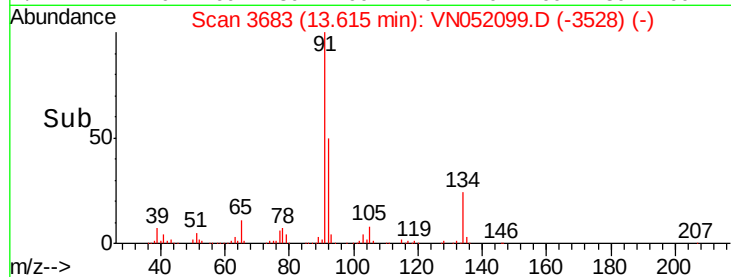
100000

50000

0

13.55 13.60 13.65

Time-->



#86

Hexachloroethane

Concen: 17.890 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN052099.D

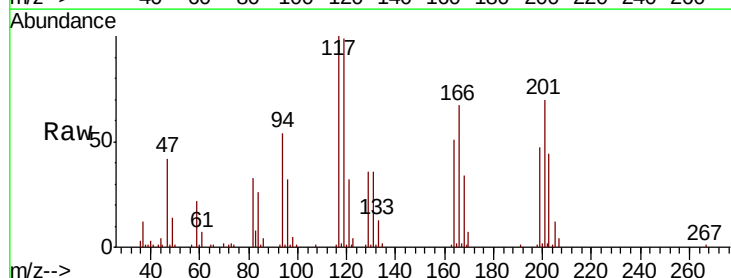
Acq: 1 Nov 2018 13:20

Tgt Ion: 117 Resp: 47045

Ion Ratio Lower Upper

117 100

201 66.1 32.2 96.6



Abundance Ion 117.00 (116.70 to 117.70): VN052099.D (-3751) (-)

Ion 201.00 (200.70 to 201.70): VN052099.D (-3751) (-)

13.87

30000

25000

20000

15000

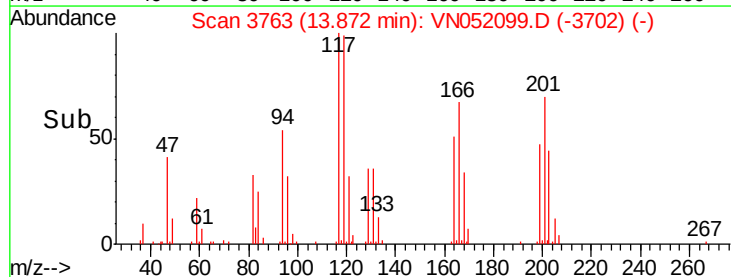
10000

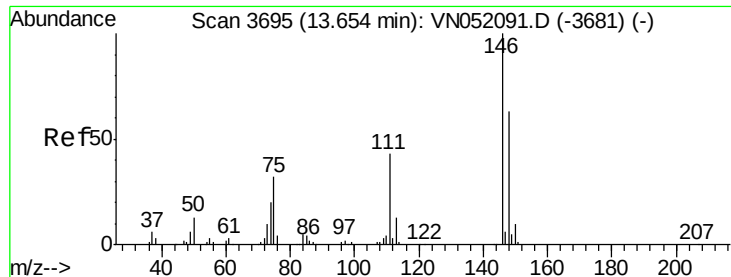
5000

0

13.85 13.90

Time-->

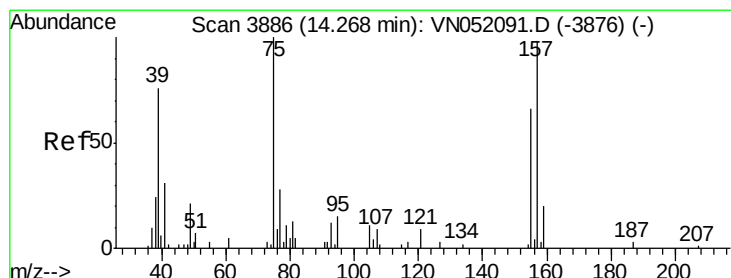
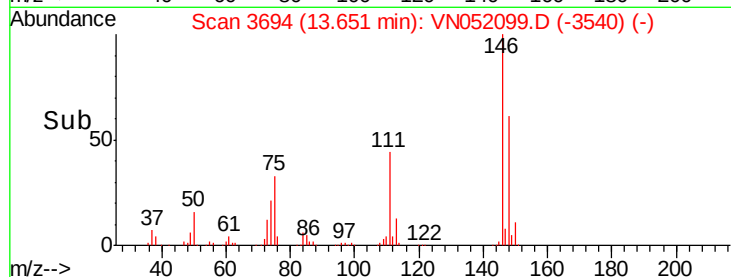
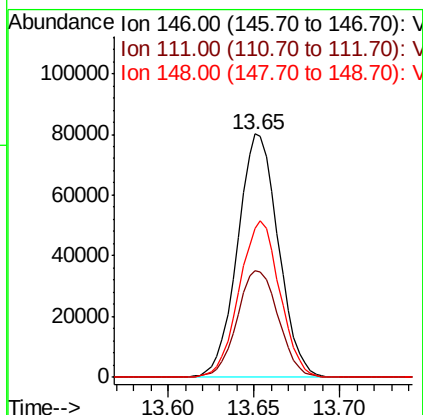
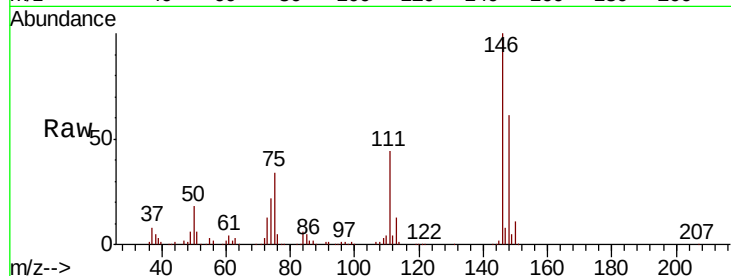




#87
 1,2-Dichlorobenzene
 Concen: 18.525 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

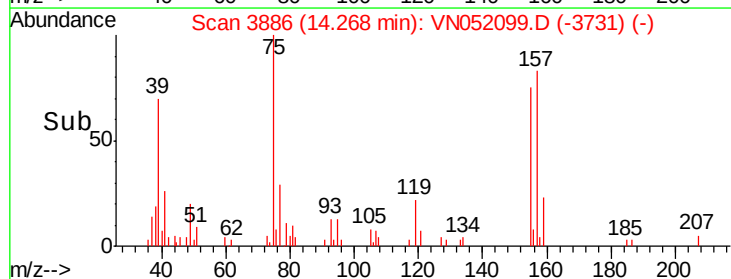
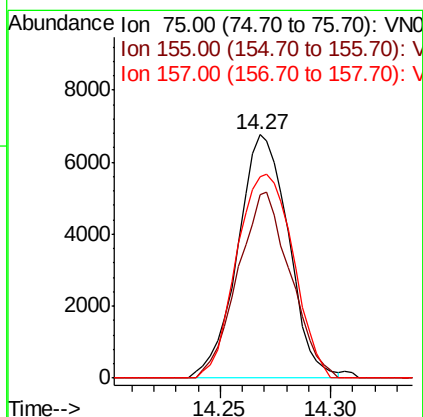
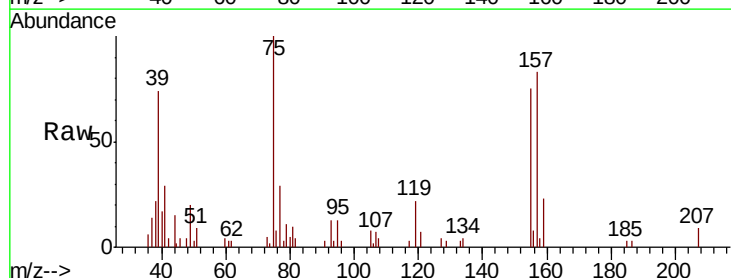
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

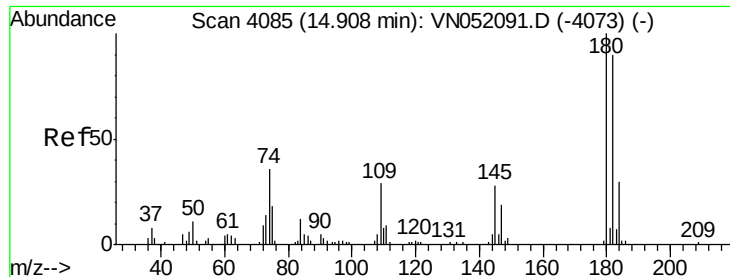
Tgt Ion:146 Resp: 132327
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.4 67.0
 148 63.8 32.5 97.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.723 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Tgt Ion: 75 Resp: 10802
 Ion Ratio Lower Upper
 75 100
 155 79.2 56.7 85.1
 157 93.3 80.4 120.6

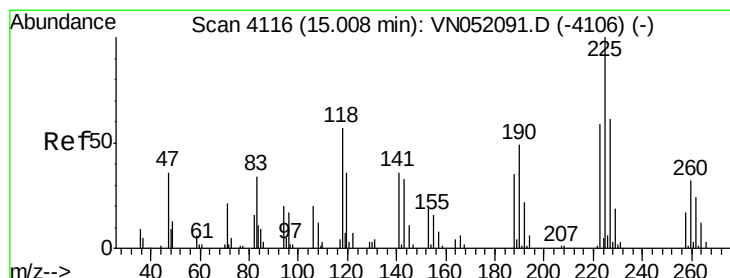
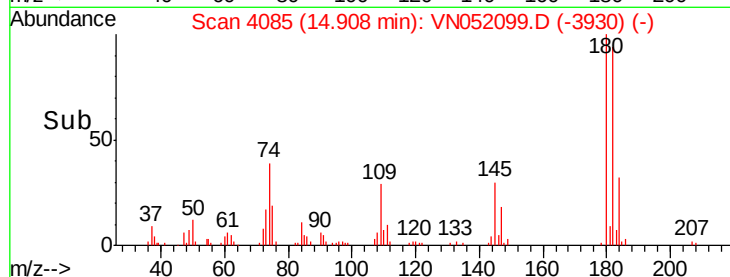
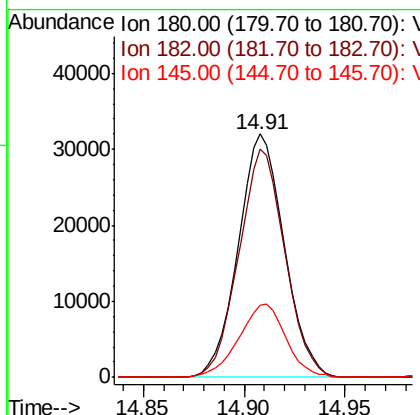
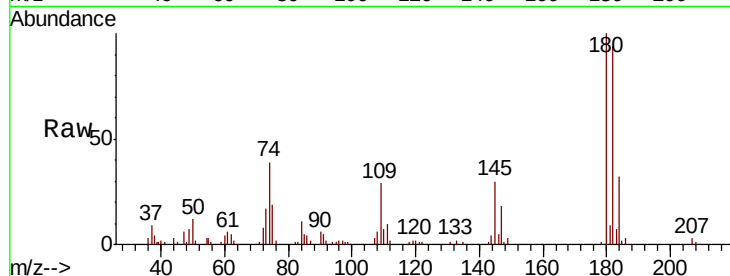




#89
 1,2,4-Trichlorobenzene
 Concen: 17.621 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

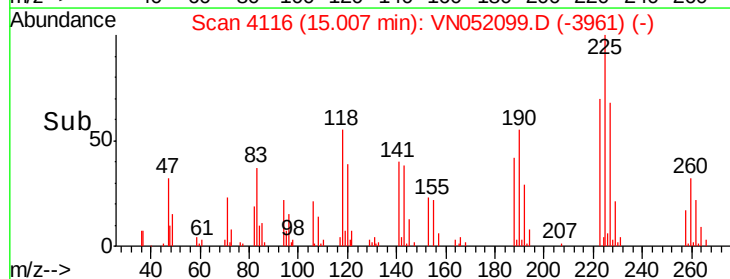
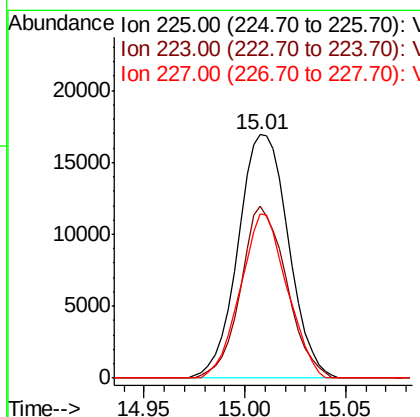
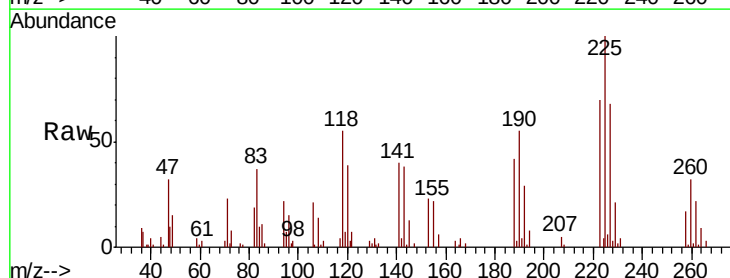
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBSD01

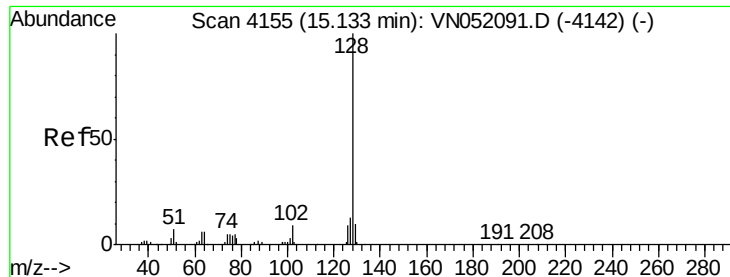
Tgt Ion:180 Resp: 51094
 Ion Ratio Lower Upper
 180 100
 182 93.6 74.0 111.0
 145 30.9 24.6 36.8



#90
 Hexachlorobutadiene
 Concen: 18.650 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN052099.D
 Acq: 1 Nov 2018 13:20

Tgt Ion:225 Resp: 29586
 Ion Ratio Lower Upper
 225 100
 223 64.1 0.0 121.2
 227 62.5 0.0 127.2





#91

Naphthalene

Concen: 18.051 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBSD01

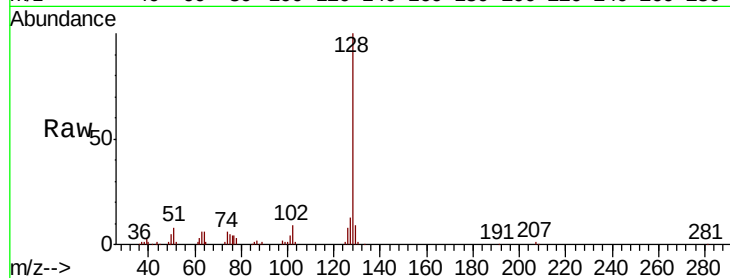
Tgt Ion:128 Resp: 120643

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

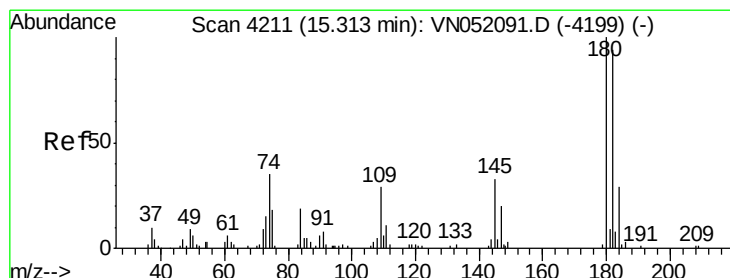
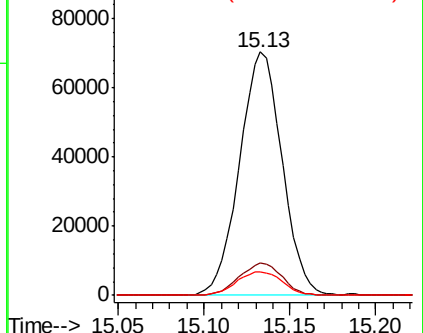
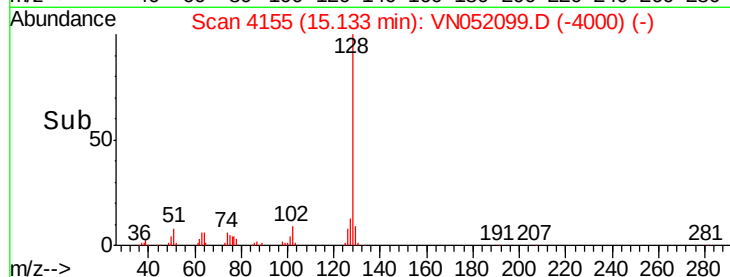
129 10.5 8.3 12.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.560 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052099.D

Acq: 1 Nov 2018 13:20

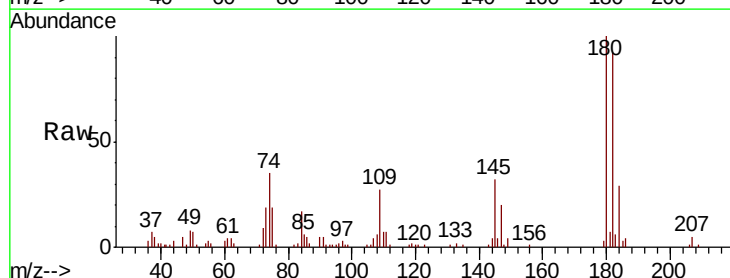
Tgt Ion:180 Resp: 46904

Ion Ratio Lower Upper

180 100

182 93.2 0.0 186.6

145 34.7 0.0 66.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

