

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110618\
 Data File : VN052179.D
 Acq On : 6 Nov 2018 9:27
 Operator : MD\SY
 Sample : VN1106WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Quant Time: Nov 06 09:49:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 15:24:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	301843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	513519	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190153	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	153714	42.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.90%	
35) Dibromofluoromethane	7.59	113	132303	41.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.00%	
50) Toluene-d8	10.09	98	515466	41.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.64%	
62) 4-Bromofluorobenzene	12.40	95	165235	40.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	34436	13.083	ug/l	99
3) Chloromethane	2.07	50	45443	12.792	ug/l	100
4) Vinyl Chloride	2.19	62	43573	12.806	ug/l	94
5) Bromomethane	2.58	94	33173	13.041	ug/l	95
6) Chloroethane	2.71	64	28229	12.975	ug/l	99
7) Trichlorofluoromethane	3.02	101	62188	12.582	ug/l	98
8) Diethyl Ether	3.42	74	23611	13.673	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.77	101	38605	13.071	ug/l	90
10) Methyl Iodide	3.96	142	47420	11.372	ug/l	97
11) Tert butyl alcohol	4.78	59	13405	85.844	ug/l	97
12) 1,1-Dichloroethene	3.74	96	35231	12.670	ug/l	84
13) Acrolein	3.61	56	14056	110.646	ug/l	97
14) Allyl chloride	4.33	41	61493	13.250	ug/l	97
15) Acrylonitrile	4.99	53	70012	68.333	ug/l	99
16) Acetone	3.82	43	55097	67.944	ug/l	93
17) Carbon Disulfide	4.06	76	97838	12.330	ug/l #	95
18) Methyl Acetate	4.33	43	35232	14.039	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	97726	12.758	ug/l	93
20) Methylene Chloride	4.55	84	42371	12.575	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	40138	13.880	ug/l	94
22) Diisopropyl ether	5.95	45	130183	12.724	ug/l	95
23) Vinyl Acetate	5.90	43	452801	67.286	ug/l	99
24) 1,1-Dichloroethane	5.85	63	74447	12.863	ug/l	98
25) 2-Butanone	6.84	43	88594	70.456	ug/l	98
26) 2,2-Dichloropropane	6.82	77	57270	12.651	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	44761	12.760	ug/l	94
28) Bromochloromethane	7.20	49	42737	15.597	ug/l	90
29) Tetrahydrofuran	7.21	42	53500	68.765	ug/l	94
30) Chloroform	7.37	83	76997	13.359	ug/l	98
31) Cyclohexane	7.66	56	74047	12.357	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	63038	12.330	ug/l	97
36) 1,1-Dichloropropene	7.80	75	59776	13.159	ug/l	99
37) Ethyl Acetate	6.93	43	36565	12.783	ug/l #	93
38) Carbon Tetrachloride	7.77	117	54769	12.068	ug/l	96

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Quant Time: Nov 06 09:49:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 15:24:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	70751	13.151	ug/l	95
40) Benzene	8.04	78	174363	13.057	ug/l	96
41) Methacrylonitrile	7.17	41	18321	12.461	ug/l #	79
42) 1,2-Dichloroethane	8.13	62	54307	12.650	ug/l	94
43) Isopropyl Acetate	8.17	43	69717	13.450	ug/l	95
44) Trichloroethene	8.84	130	45534	12.879	ug/l	87
45) 1,2-Dichloropropane	9.12	63	46486	13.144	ug/l	95
46) Dibromomethane	9.21	93	28775	12.794	ug/l #	88
47) Bromodichloromethane	9.40	83	55348	12.618	ug/l	90
48) Methyl methacrylate	9.20	41	34571	13.858	ug/l	99
49) 1,4-Dioxane	9.20	88	8400	385.779	ug/l #	85
51) 4-Methyl-2-Pentanone	9.98	43	187314	68.404	ug/l	100
52) Toluene	10.15	92	106121	13.178	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	53018	12.321	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	64046	12.719	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	38924	13.709	ug/l	95
56) Ethyl methacrylate	10.43	69	47572	12.854	ug/l	95
57) 1,3-Dichloropropane	10.71	76	64124	12.820	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	154863	77.755	ug/l	97
59) 2-Hexanone	10.75	43	130857	68.647	ug/l	96
60) Dibromochloromethane	10.90	129	37585	11.641	ug/l	97
61) 1,2-Dibromoethane	11.00	107	37077	12.865	ug/l	95
64) Tetrachloroethene	10.63	164	38433	13.214	ug/l	90
65) Chlorobenzene	11.43	112	114857	12.552	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	39165	12.745	ug/l	98
67) Ethyl Benzene	11.51	91	196861	12.953	ug/l	99
68) m/p-Xylenes	11.62	106	148002	25.238	ug/l	93
69) o-Xylene	11.95	106	72457	12.740	ug/l	95
70) Styrene	11.96	104	114489	12.717	ug/l	96
71) Bromoform	12.13	173	20853	12.403	ug/l #	100
73) Isopropylbenzene	12.25	105	185138	12.877	ug/l	96
74) N-amyl acetate	12.07	43	59513	13.393	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	43272	13.750	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	54146	21.543	ug/l #	100
77) Bromobenzene	12.53	156	43017	12.547	ug/l	82
78) n-propylbenzene	12.59	91	214930	13.081	ug/l	98
79) 2-Chlorotoluene	12.67	91	128532	13.339	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	148111	12.727	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	11033	13.201	ug/l	96
82) 4-Chlorotoluene	12.77	91	127846	13.201	ug/l	93
83) tert-Butylbenzene	12.99	119	131767	12.823	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	150733	13.011	ug/l	97
85) sec-Butylbenzene	13.17	105	179884	12.946	ug/l	97
86) p-Isopropyltoluene	13.29	119	153424	13.118	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	76619	12.646	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	76541	12.639	ug/l	99
89) n-Butylbenzene	13.61	91	129742	12.811	ug/l	97
90) Hexachloroethane	13.88	117	23340	11.841	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	73286	12.889	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	5908	14.221	ug/l	76

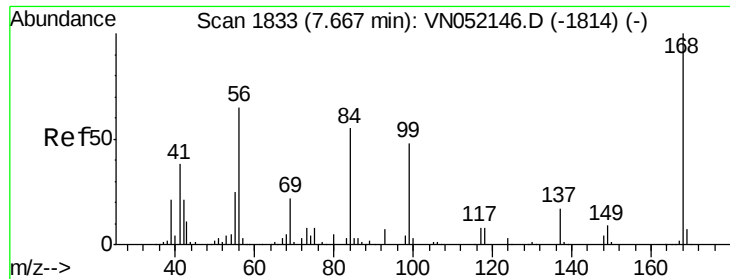
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Quant Title : SW846 8260
QLast Update : Mon Nov 05 15:24:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	27594	12.066	ug/l	92
94) Hexachlorobutadiene	15.01	225	18247	13.406	ug/l	96
95) Naphthalene	15.13	128	69935	12.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	27915	13.400	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampled :

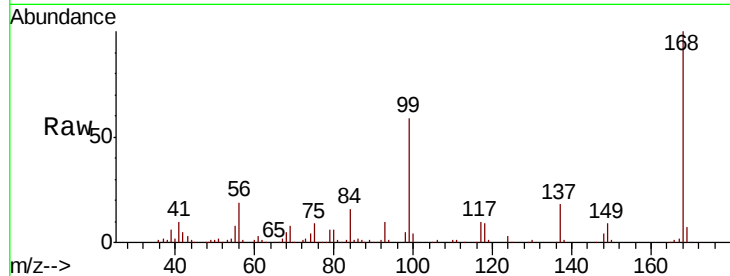
VN1106WBS01

Tgt Ion:168 Resp: 301843

Ion Ratio Lower Upper

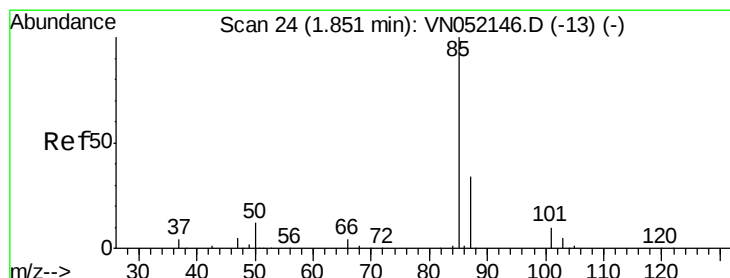
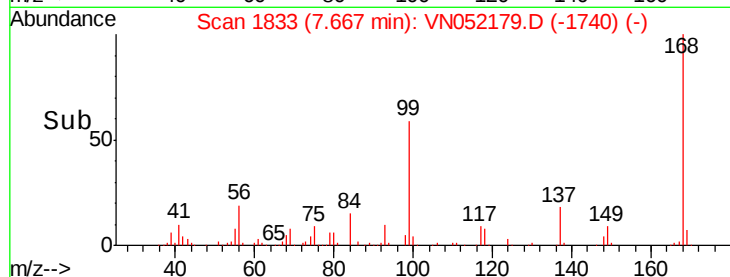
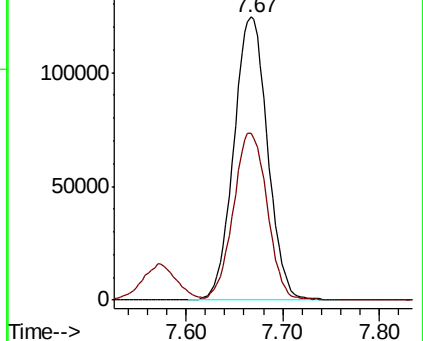
168 100

99 59.0 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 13.083 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052179.D

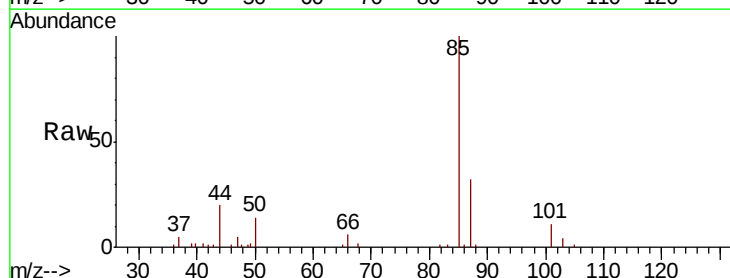
Acq: 6 Nov 2018 9:27

Tgt Ion: 85 Resp: 34436

Ion Ratio Lower Upper

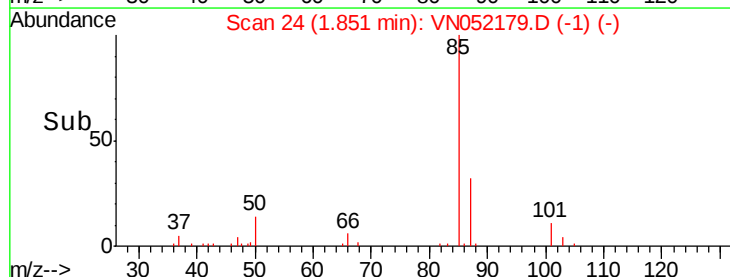
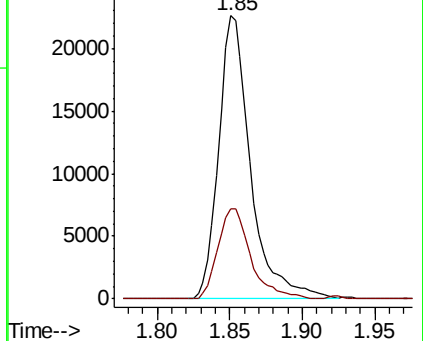
85 100

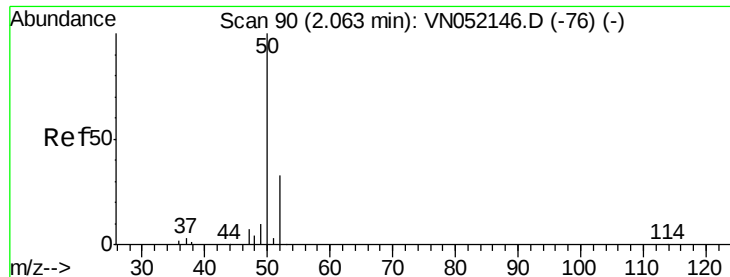
87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 12.792 ug/l

RT: 2.07 min Scan# 91

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

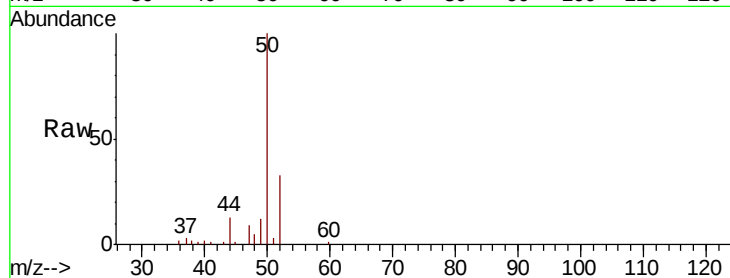
VN1106WBS01

Tgt Ion: 50 Resp: 45443

Ion Ratio Lower Upper

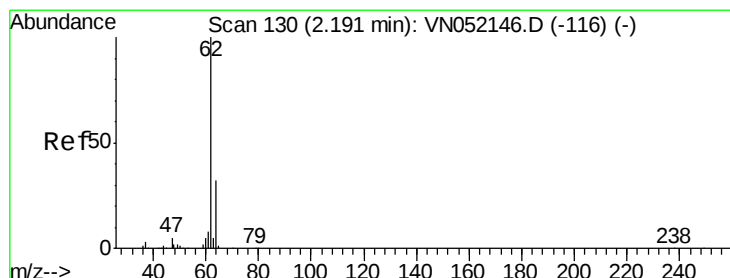
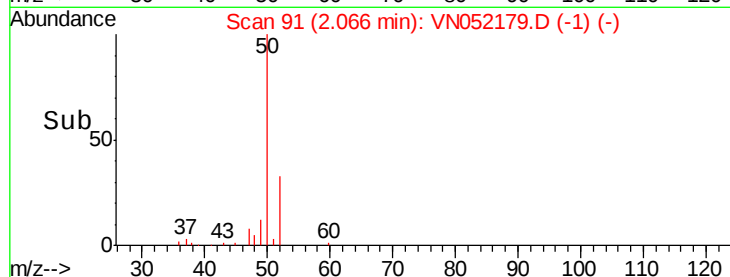
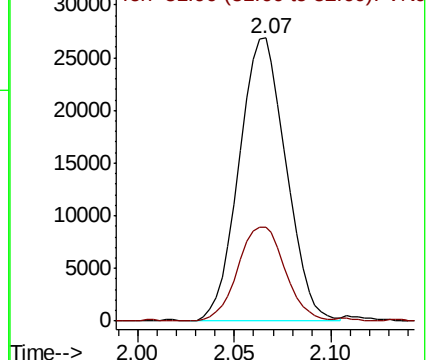
50 100

52 33.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 12.806 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052179.D

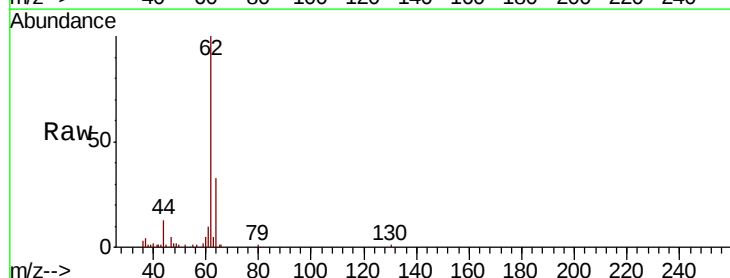
Acq: 6 Nov 2018 9:27

Tgt Ion: 62 Resp: 43573

Ion Ratio Lower Upper

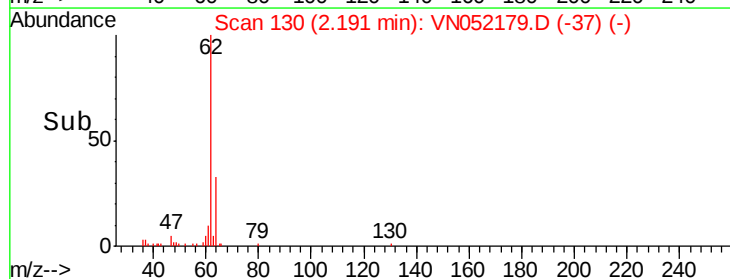
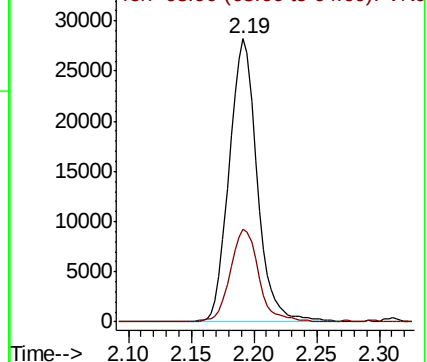
62 100

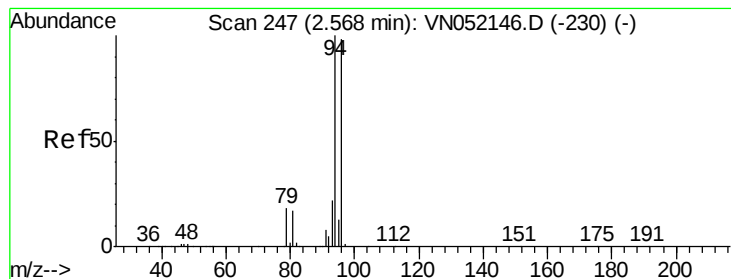
64 32.6 23.7 35.5



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 13.041 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

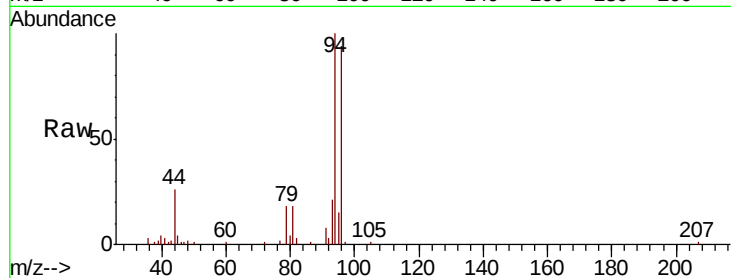
VN1106WBS01

Tgt Ion: 94 Resp: 33173

Ion Ratio Lower Upper

94 100

96 94.3 71.8 107.6



Abundance Ion 93.90 (93.60 to 94.60): VN052179.D (-154) (-)

Ion 95.90 (95.60 to 96.60): VN052179.D (-154) (-)

2.58

15000

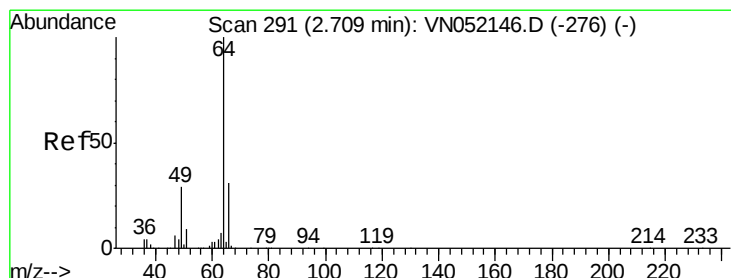
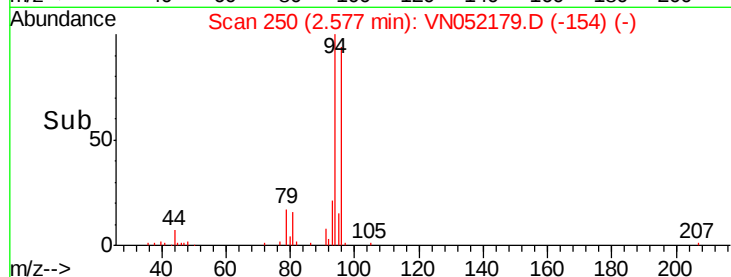
10000

5000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 12.975 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052179.D

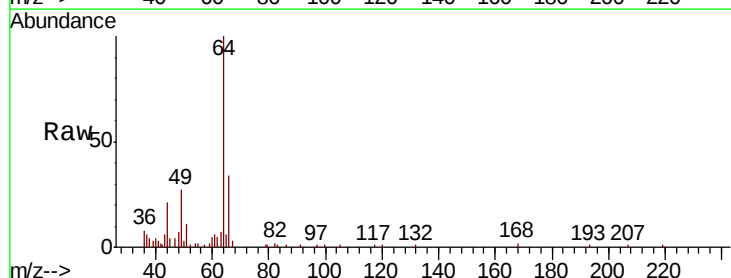
Acq: 6 Nov 2018 9:27

Tgt Ion: 64 Resp: 28229

Ion Ratio Lower Upper

64 100

66 34.2 27.9 41.9



Abundance Ion 63.90 (63.60 to 64.60): VN052179.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN052179.D (-198) (-)

2.71

15000

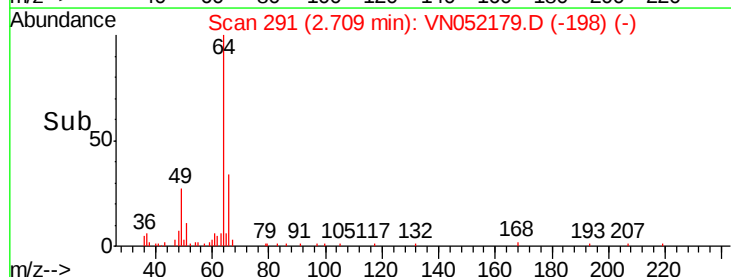
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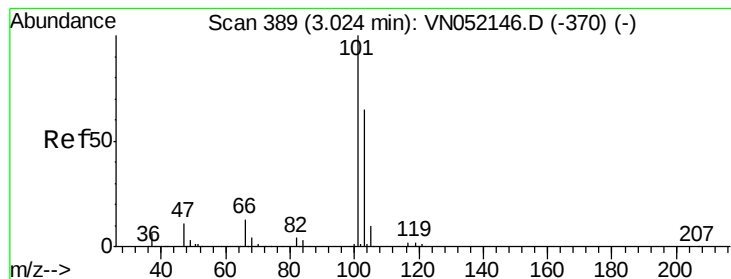
5000

0

Time-->

2.65 2.70 2.75 2.80



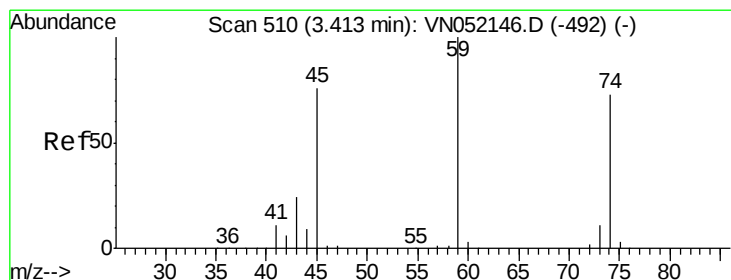
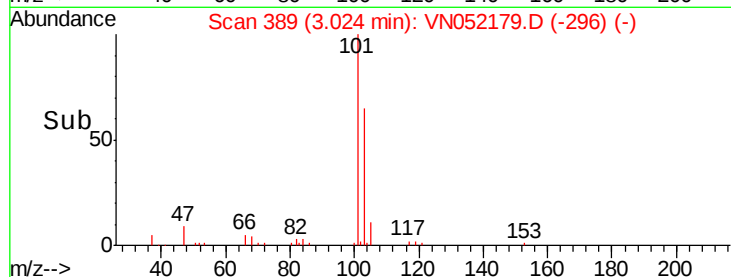
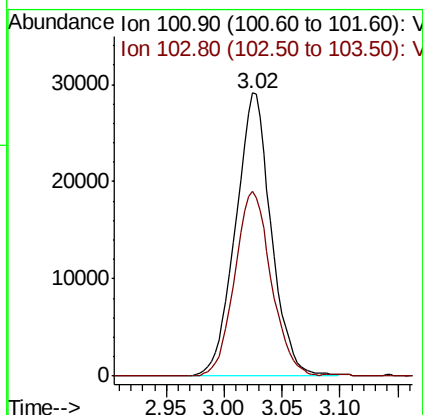
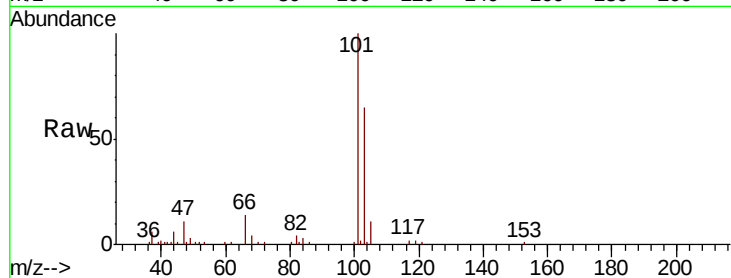


#7

Trichlorofluoromethane
 Concen: 12.582 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

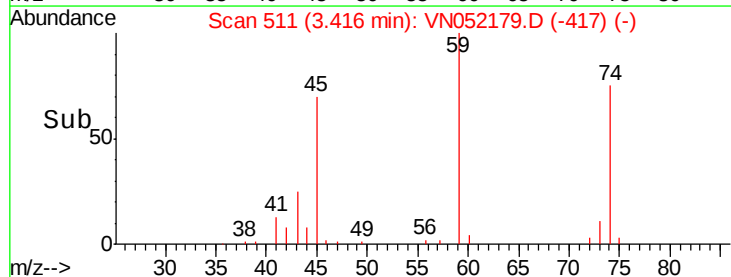
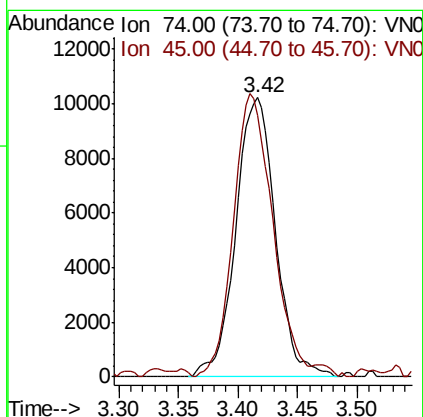
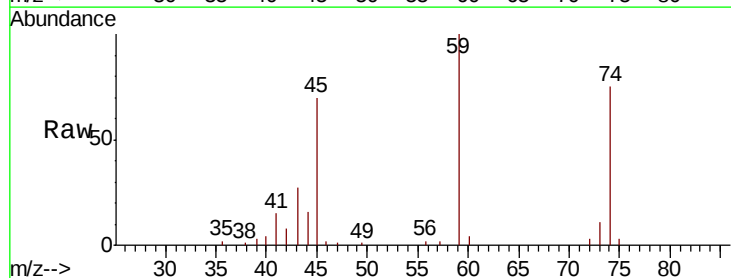
Tgt Ion:101 Resp: 62188
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.0 76.4

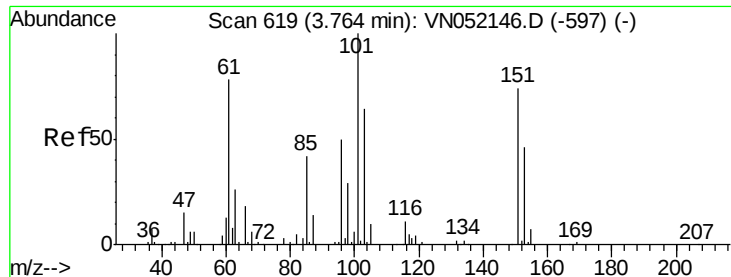


#8

Diethyl Ether
 Concen: 13.673 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

Tgt Ion: 74 Resp: 23611
 Ion Ratio Lower Upper
 74 100
 45 100.3 55.6 166.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.071 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

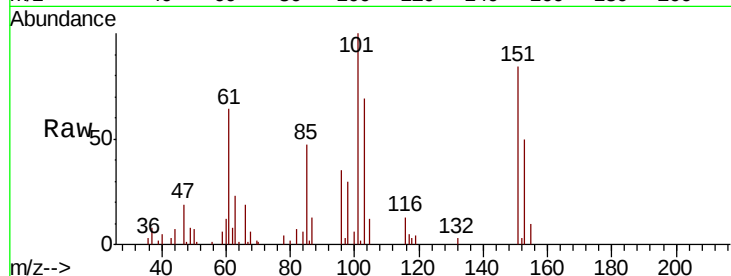
Tgt Ion:101 Resp: 38605

Ion Ratio Lower Upper

101 100

85 46.5 38.6 58.0

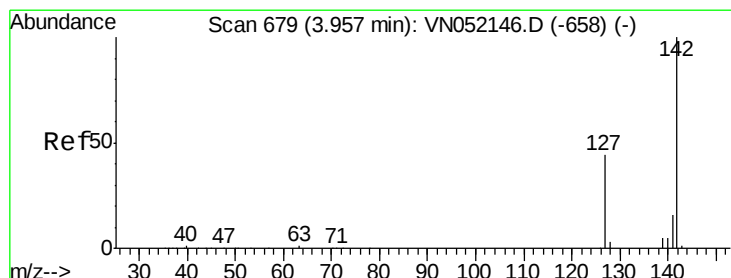
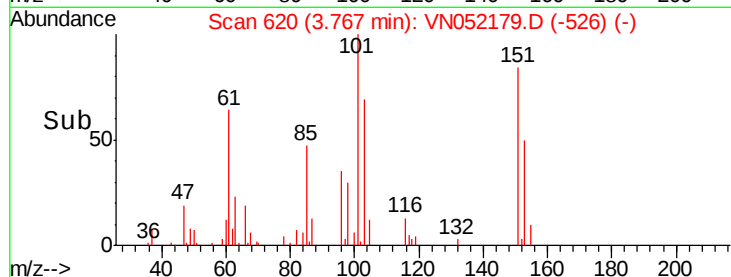
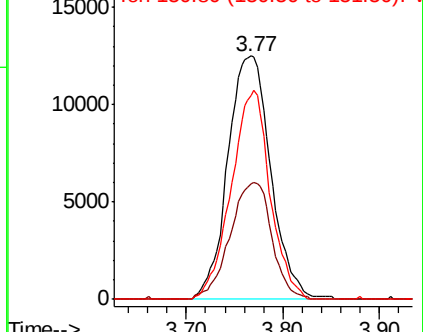
151 77.6 52.6 78.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 11.372 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

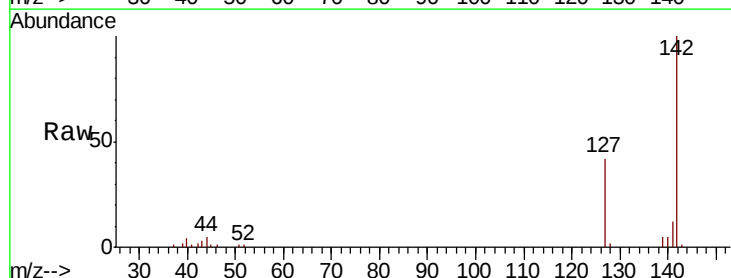
Tgt Ion:142 Resp: 47420

Ion Ratio Lower Upper

142 100

127 44.2 37.3 55.9

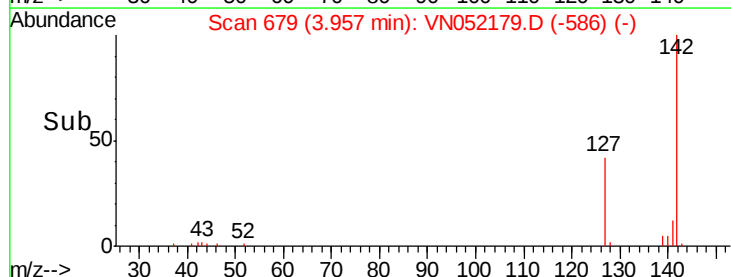
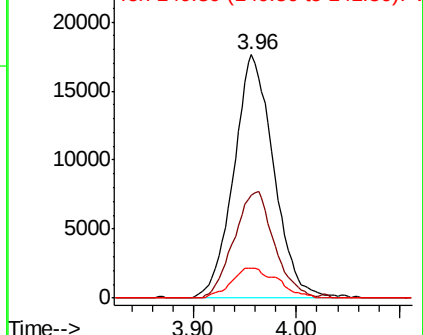
141 14.3 11.4 17.2

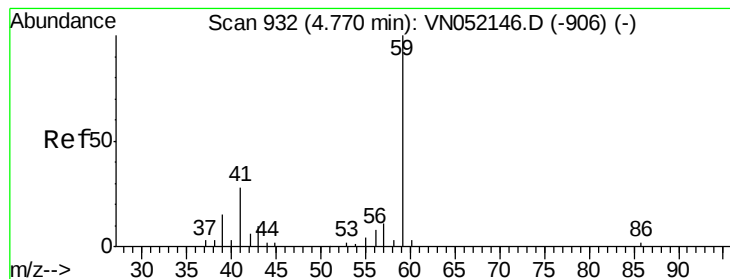


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



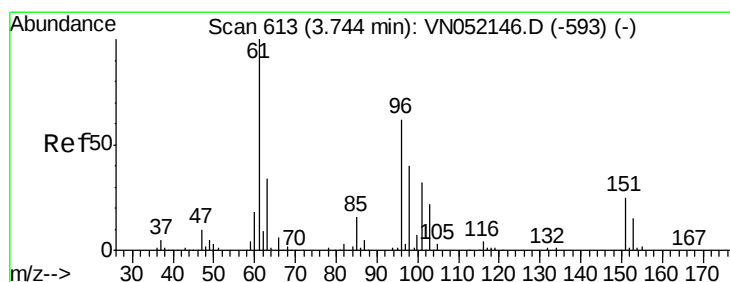
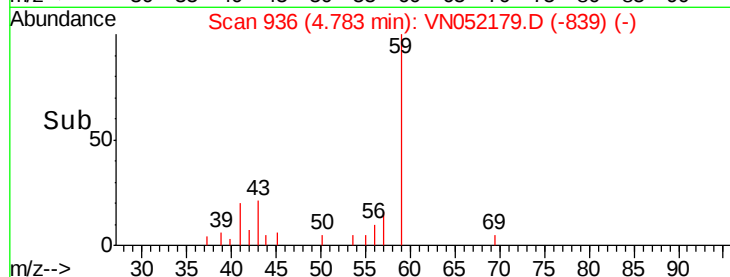
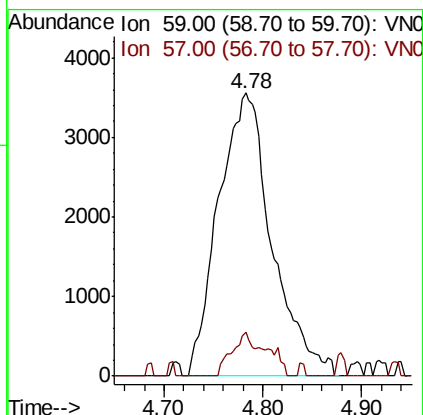
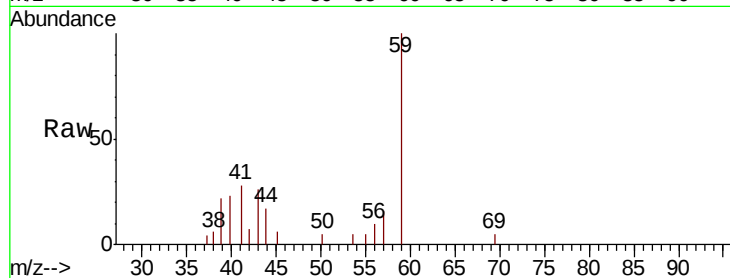


#11

Tert butyl alcohol
 Concen: 85.844 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

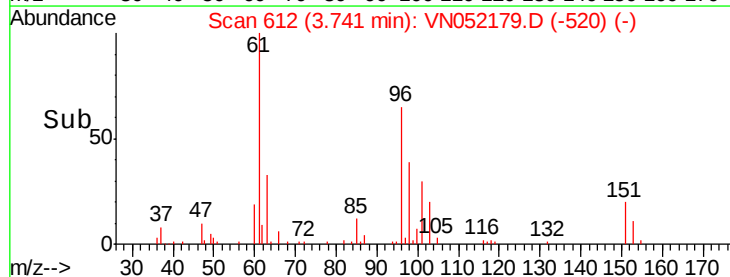
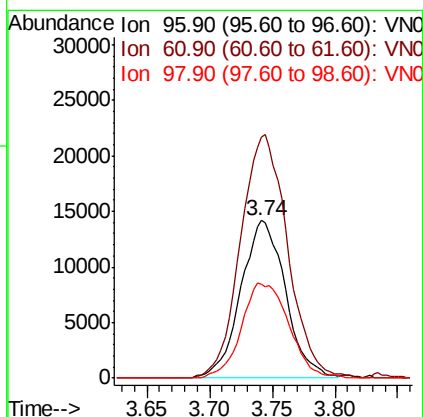
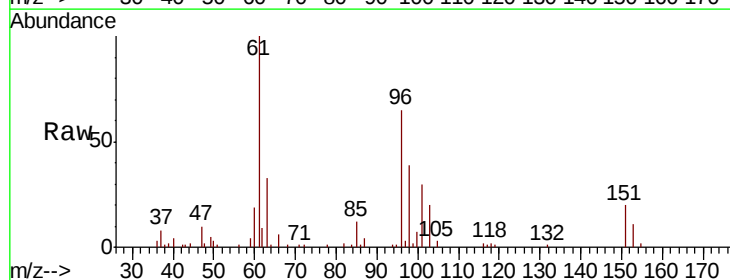
Tgt Ion: 59 Resp: 13405
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.0 10.6

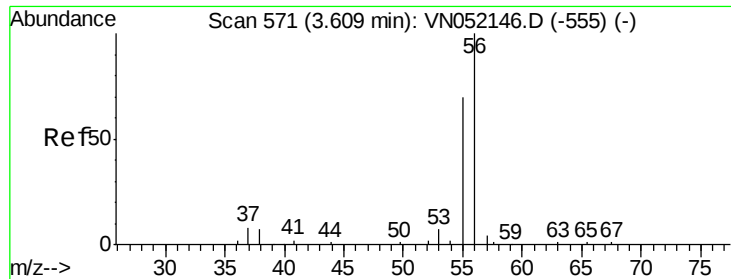


#12

1,1-Dichloroethene
 Concen: 12.670 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

Tgt Ion: 96 Resp: 35231
 Ion Ratio Lower Upper
 96 100
 61 152.9 145.7 218.5
 98 59.4 49.8 74.8

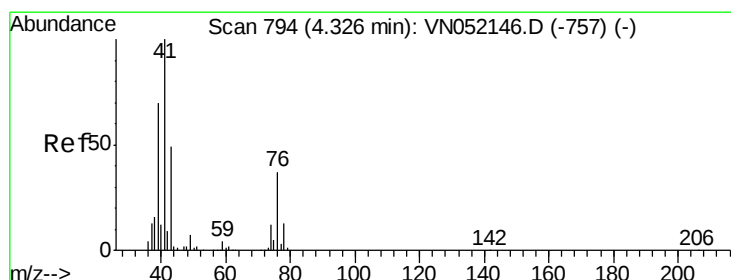
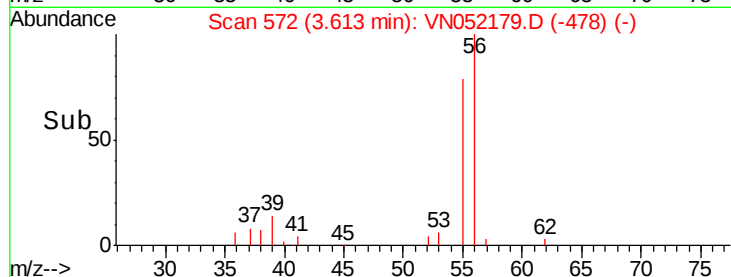
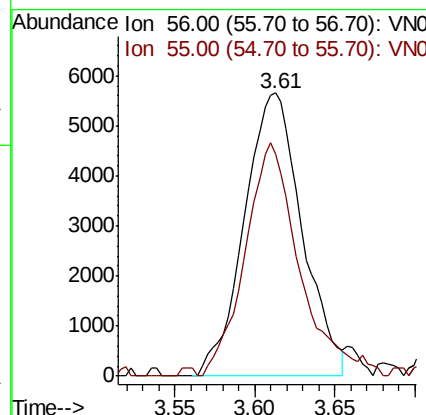
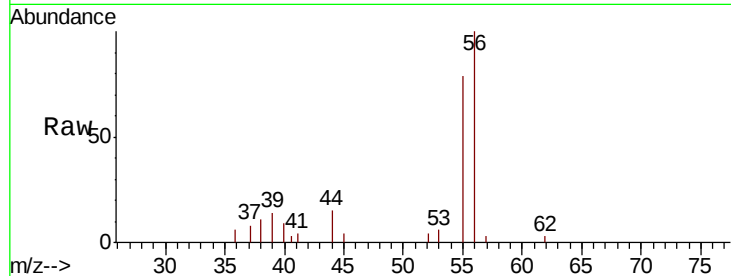




#13
Acrolein
Concen: 110.646 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

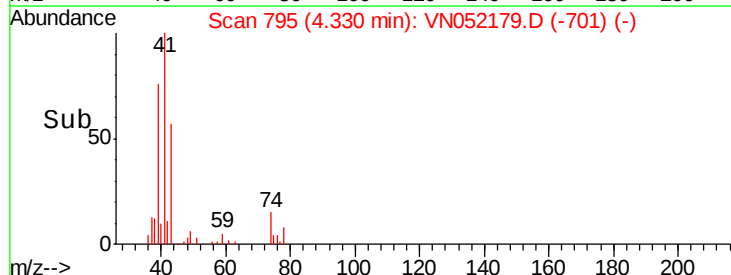
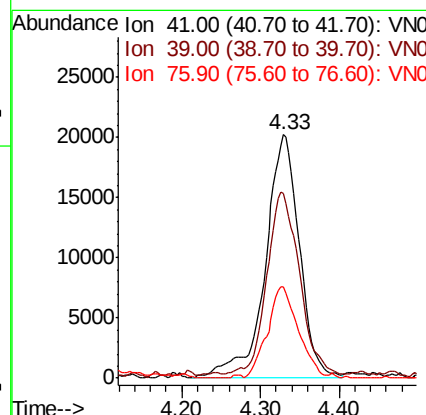
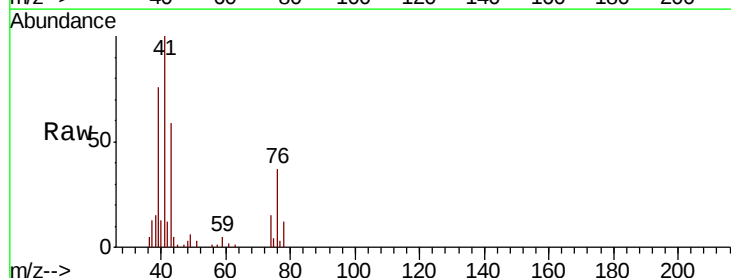
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

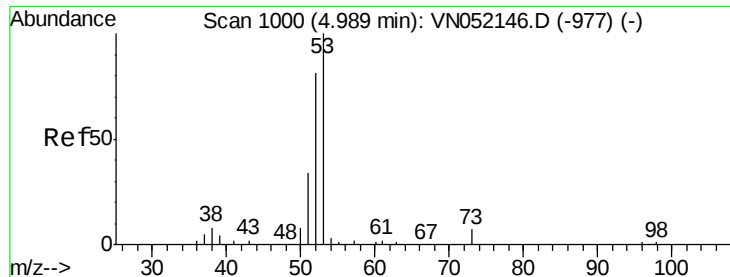
Tgt Ion: 56 Resp: 14056
Ion Ratio Lower Upper
56 100
55 77.6 59.9 89.9



#14
Allyl chloride
Concen: 13.250 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Tgt Ion: 41 Resp: 61493
Ion Ratio Lower Upper
41 100
39 70.3 58.1 87.1
76 33.9 26.0 39.0





#15

Acrylonitrile

Concen: 68.333 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

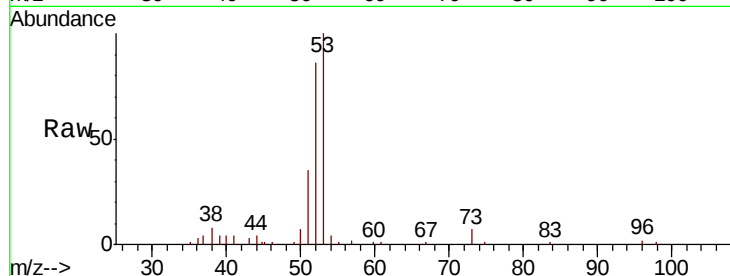
Tgt Ion: 53 Resp: 70012

Ion Ratio Lower Upper

53 100

52 84.6 66.6 100.0

51 36.0 29.0 43.6

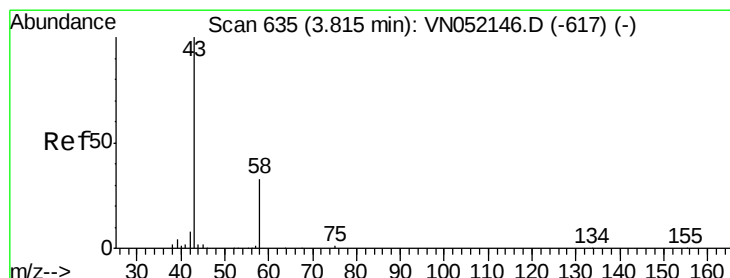
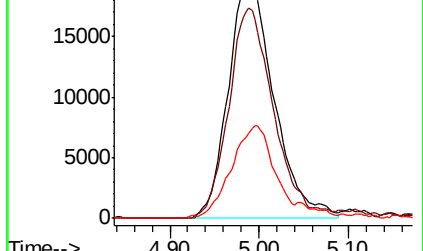
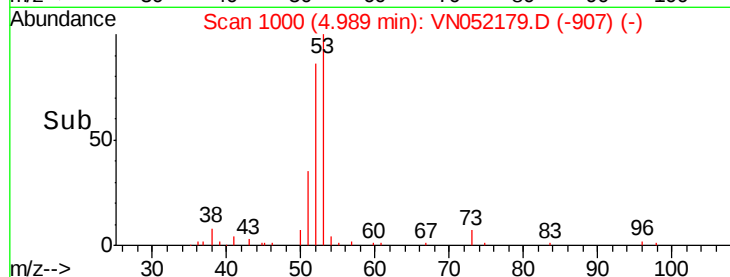


Abundance Ion 53.00 (52.70 to 53.70): VN052179.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN052179.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN052179.D (-907) (-)

Time-->



#16

Acetone

Concen: 67.944 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052179.D

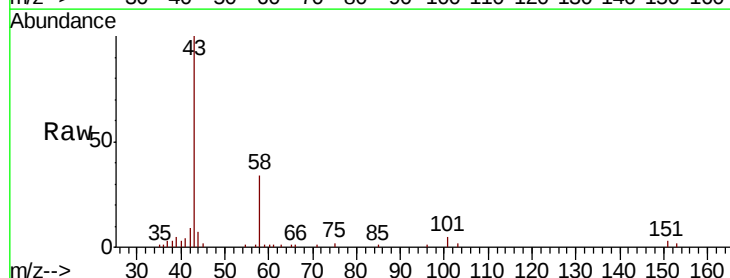
Acq: 6 Nov 2018 9:27

Tgt Ion: 43 Resp: 55097

Ion Ratio Lower Upper

43 100

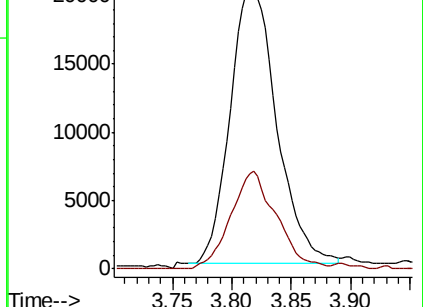
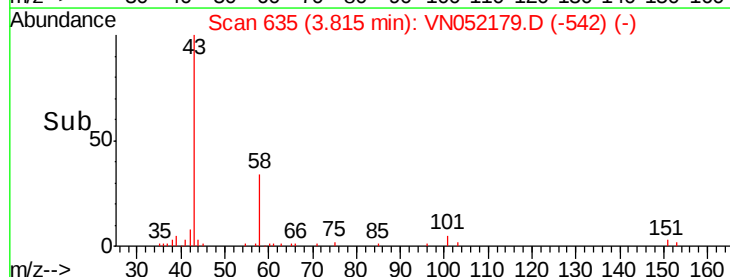
58 34.2 24.2 36.2

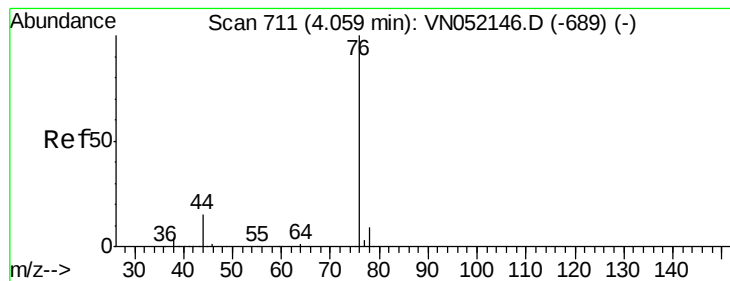


Abundance Ion 43.00 (42.70 to 43.70): VN052179.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052179.D (-542) (-)

Time-->





#17

Carbon Disulfide

Concen: 12.330 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

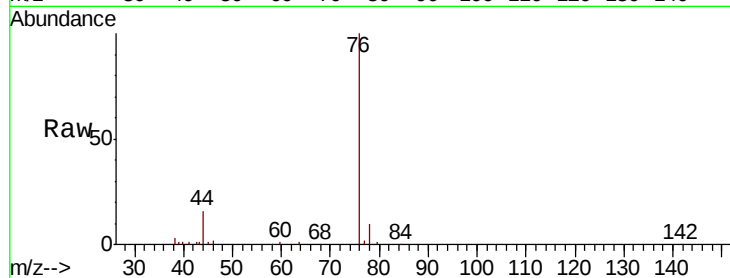
VN1106WBS01

Tgt Ion: 76 Resp: 97838

Ion Ratio Lower Upper

76 100

78 10.2 6.8 10.2#



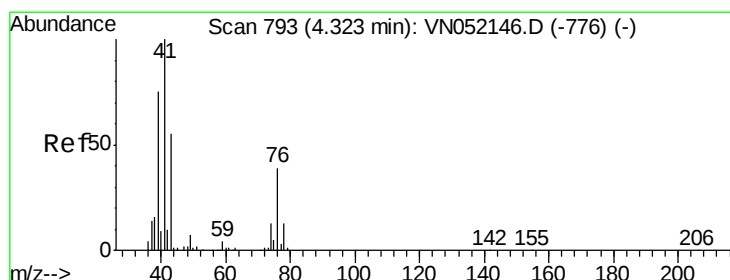
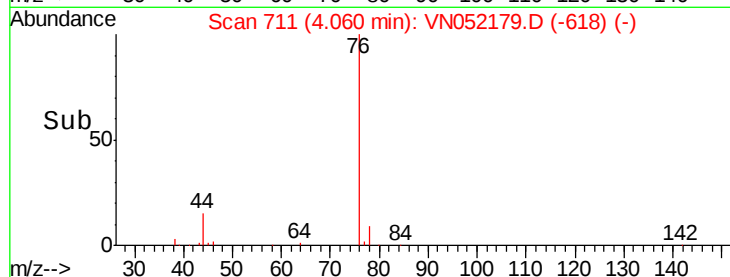
Abundance Ion 75.90 (75.60 to 76.60): VN052146.D (-689) (-)

Ion 77.90 (77.60 to 78.60): VN052146.D (-689) (-)

4.06

39.5 4.00 4.05 4.10 4.15

Time-->



#18

Methyl Acetate

Concen: 14.039 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052179.D

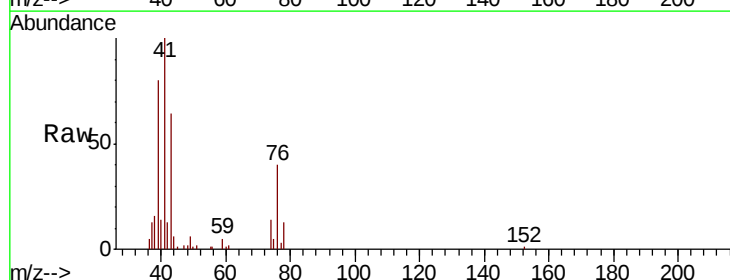
Acq: 6 Nov 2018 9:27

Tgt Ion: 43 Resp: 35232

Ion Ratio Lower Upper

43 100

74 23.1 17.9 26.9



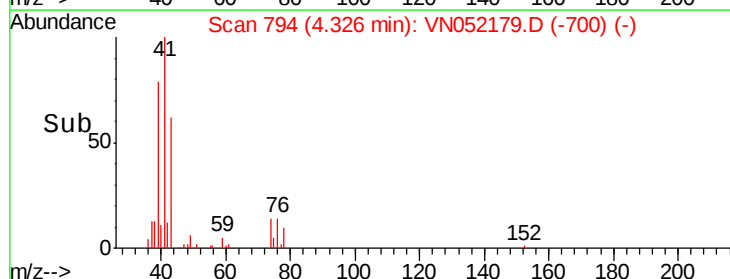
Abundance Ion 43.00 (42.70 to 43.70): VN052146.D (-776) (-)

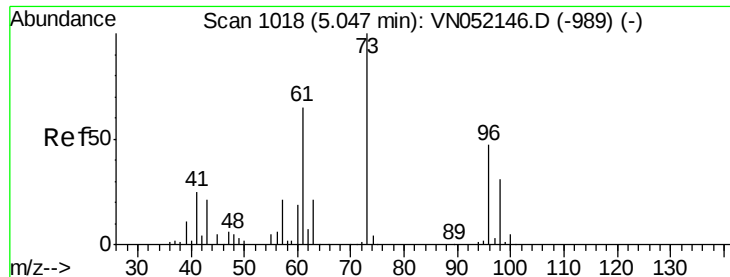
Ion 74.00 (73.70 to 74.70): VN052146.D (-776) (-)

4.33

4.20 4.30 4.40

Time-->

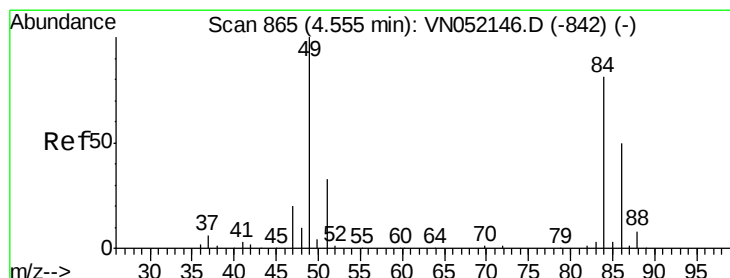
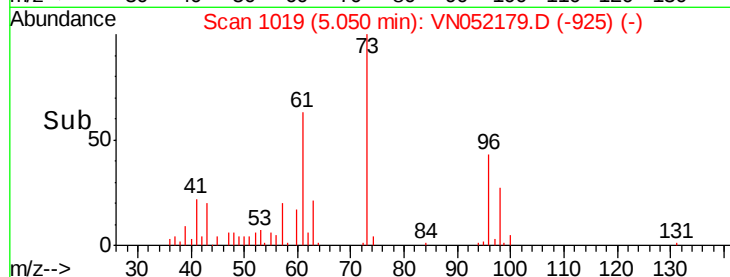
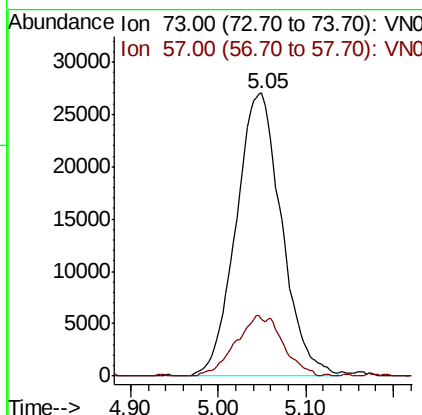
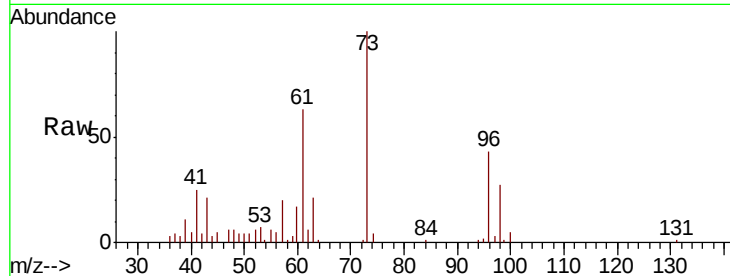




#19
Methyl tert-butyl Ether
Concen: 12.758 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

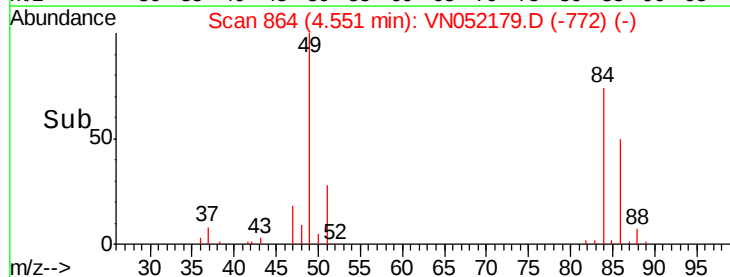
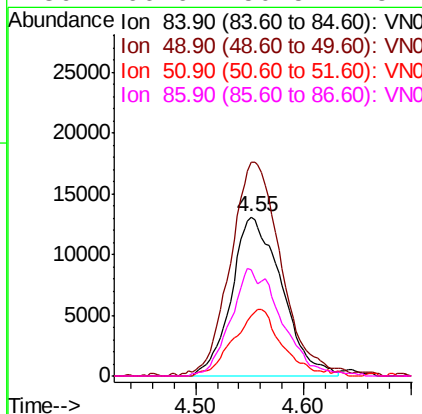
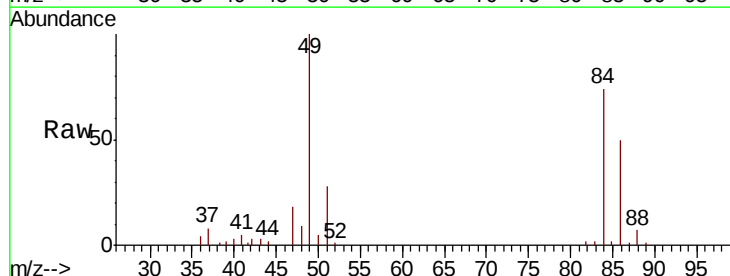
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

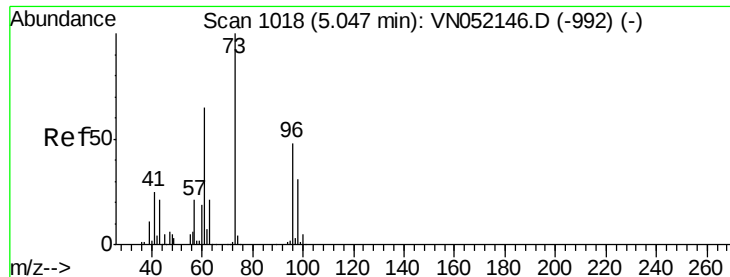
Tgt Ion: 73 Resp: 97726
Ion Ratio Lower Upper
73 100
57 20.1 18.7 28.1



#20
Methylene Chloride
Concen: 12.575 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Tgt Ion: 84 Resp: 42371
Ion Ratio Lower Upper
84 100
49 130.8 110.6 165.8
51 37.7 33.7 50.5
86 66.6 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 13.880 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

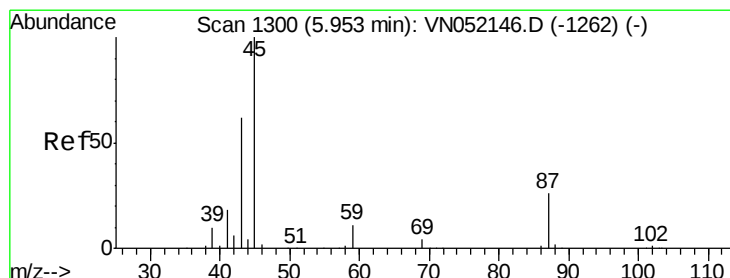
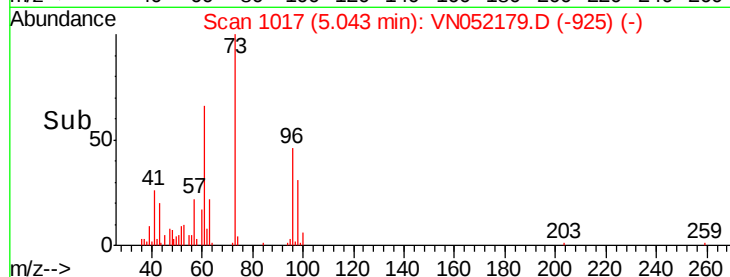
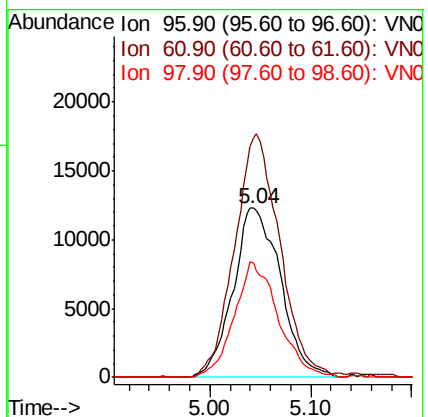
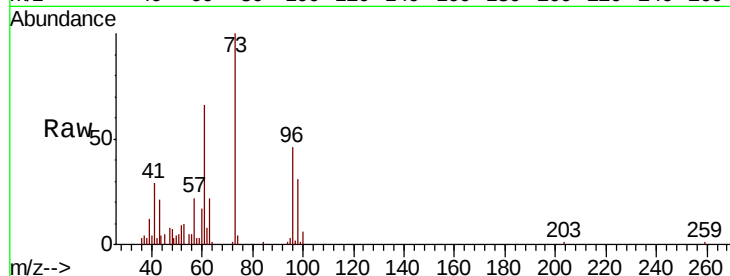
Tgt Ion: 96 Resp: 40138

Ion Ratio Lower Upper

96 100

61 142.3 118.6 178.0

98 67.9 49.7 74.5



#22

Diisopropyl ether

Concen: 12.724 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Tgt Ion: 45 Resp: 130183

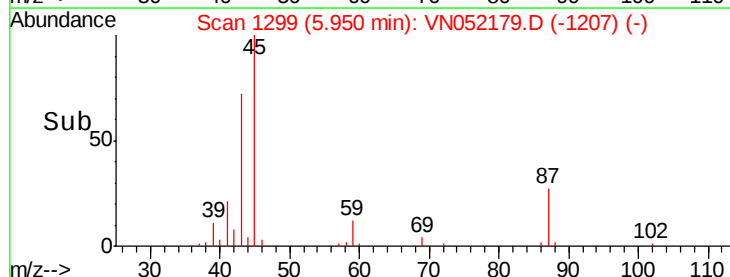
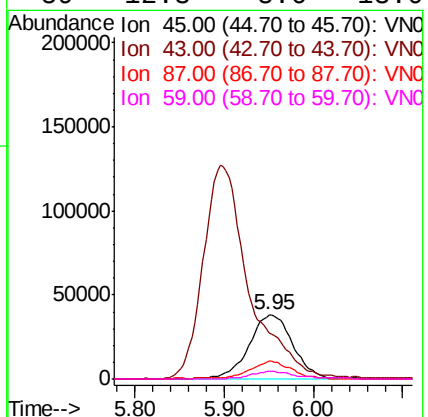
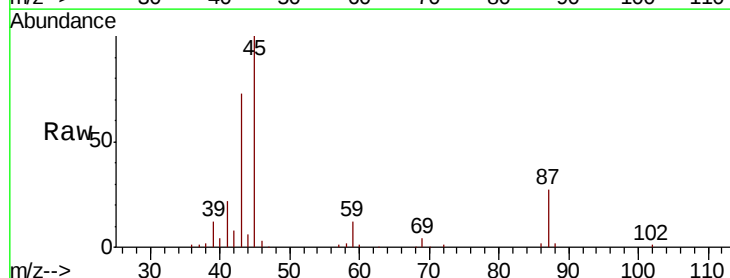
Ion Ratio Lower Upper

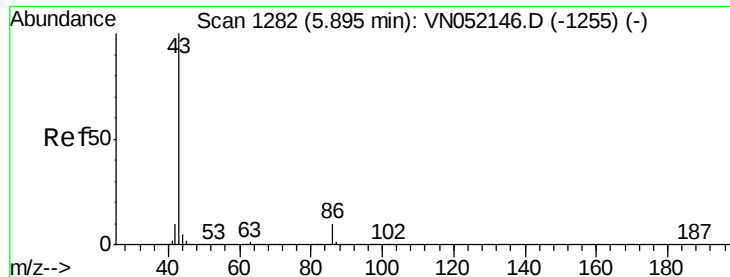
45 100

43 68.2 50.5 75.7

87 27.4 21.5 32.3

59 12.3 8.6 13.0





#23

Vinyl Acetate

Concen: 67.286 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

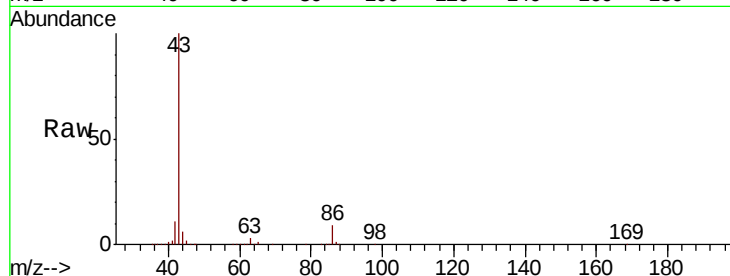
VN1106WBS01

Tgt Ion: 43 Resp: 452801

Ion Ratio Lower Upper

43 100

86 9.3 7.3 10.9



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

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

5.90

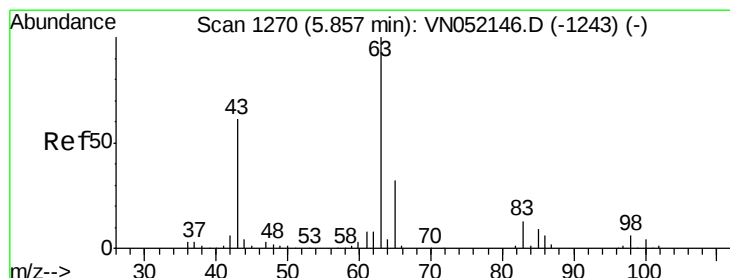
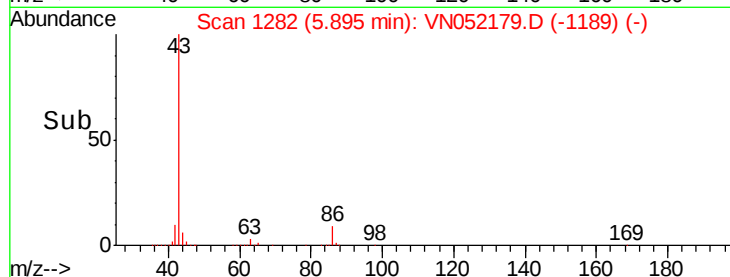
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 12.863 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

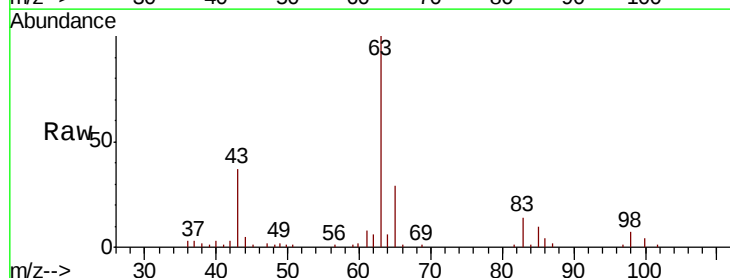
Tgt Ion: 63 Resp: 74447

Ion Ratio Lower Upper

63 100

98 6.9 2.8 8.4

100 3.9 2.0 6.0



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

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

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

5.85

30000

25000

20000

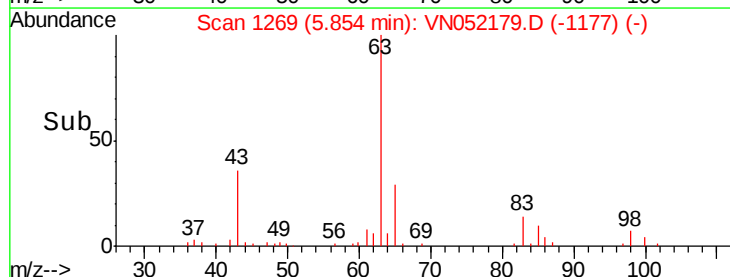
15000

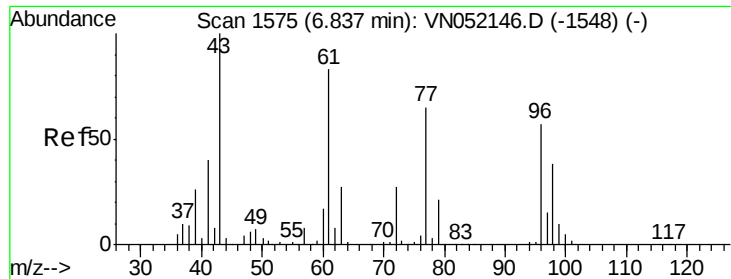
10000

5000

0

Time-->

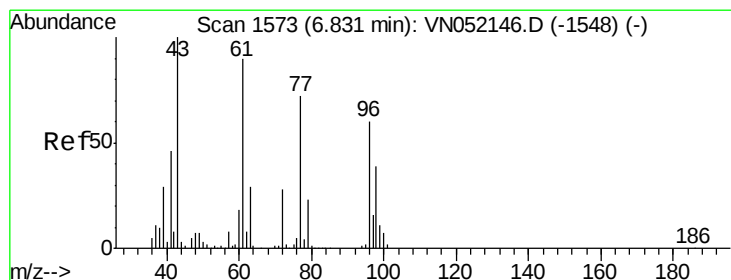
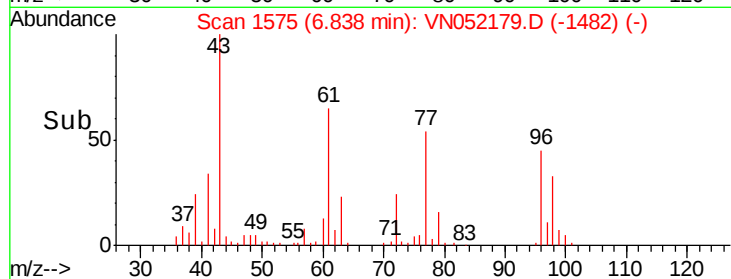
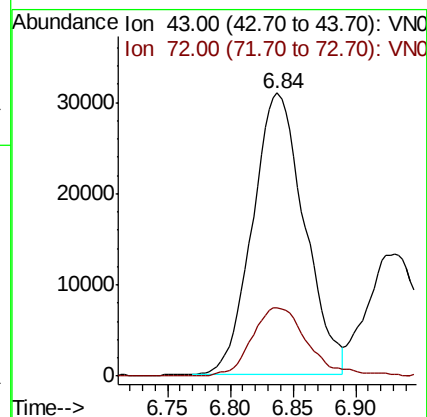
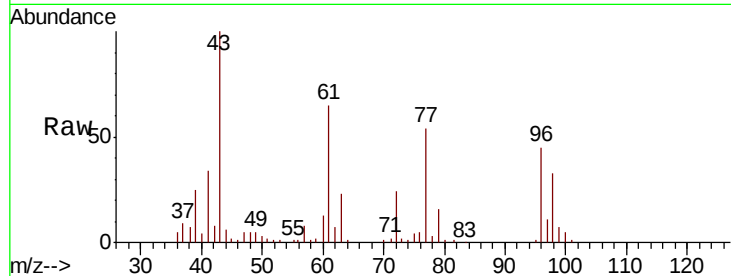




#25
2-Butanone
Concen: 70.456 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

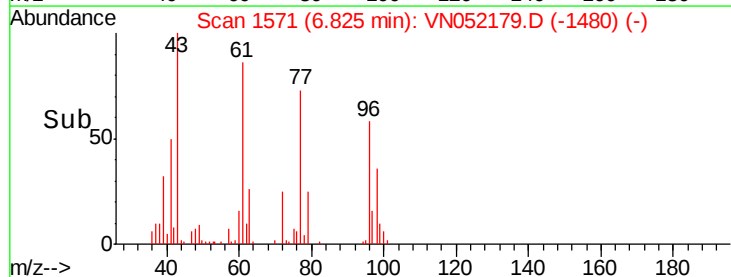
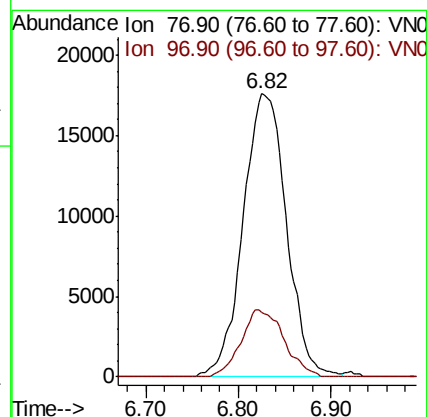
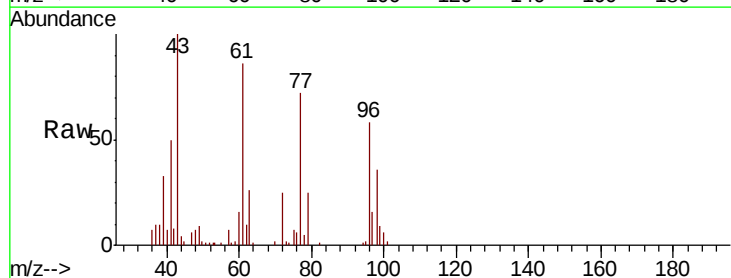
Instrument :
MSVOA_N
ClientSampled :
VN1106WBS01

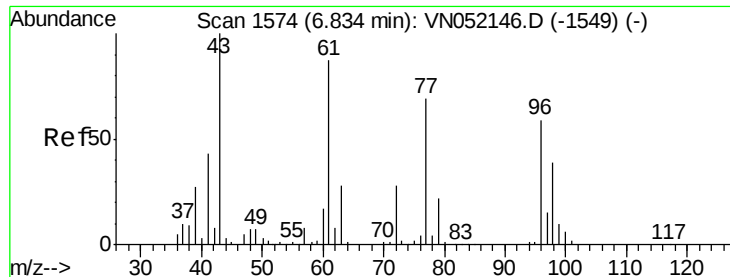
Tgt Ion: 43 Resp: 88594
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.2



#26
2,2-Dichloropropane
Concen: 12.651 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Tgt Ion: 77 Resp: 57270
Ion Ratio Lower Upper
77 100
97 23.5 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 12.760 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

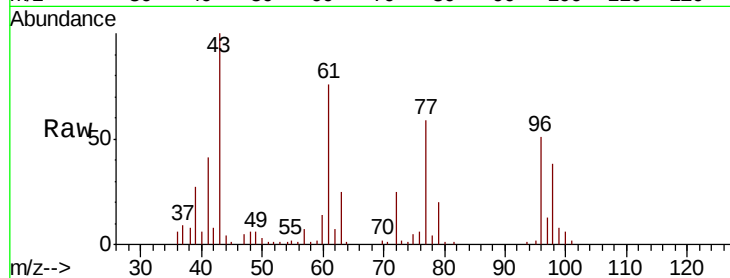
Tgt Ion: 96 Resp: 44761

Ion Ratio Lower Upper

96 100

61 145.7 0.0 312.8

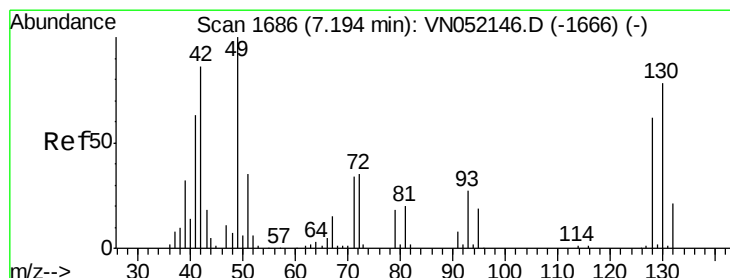
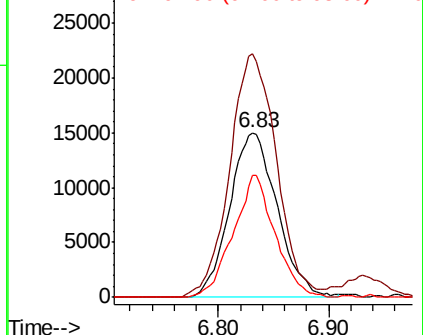
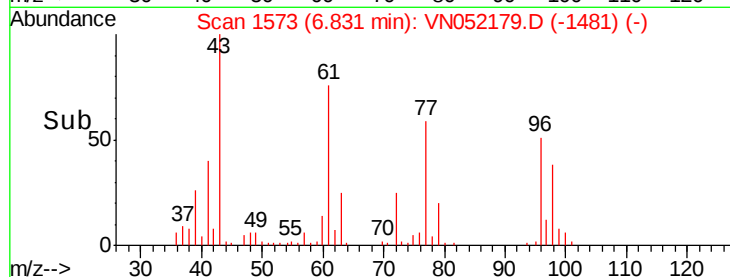
98 65.1 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 15.597 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

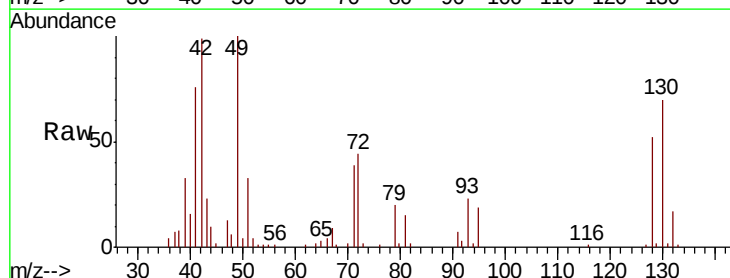
Tgt Ion: 49 Resp: 42737

Ion Ratio Lower Upper

49 100

129 0.4 0.0 2.4

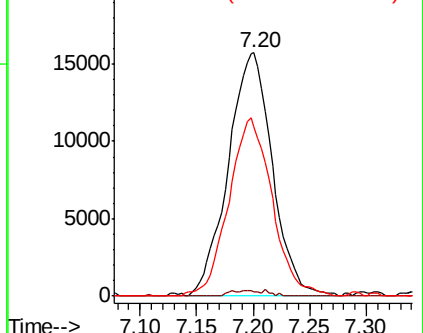
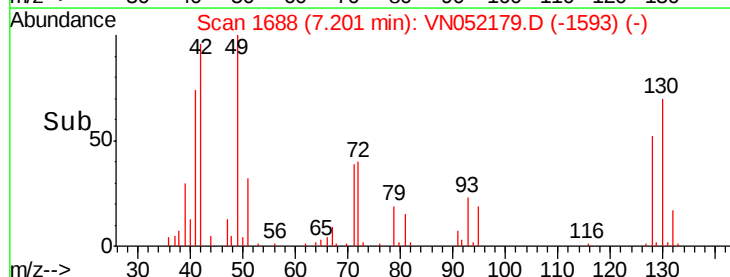
130 71.8 50.8 76.2

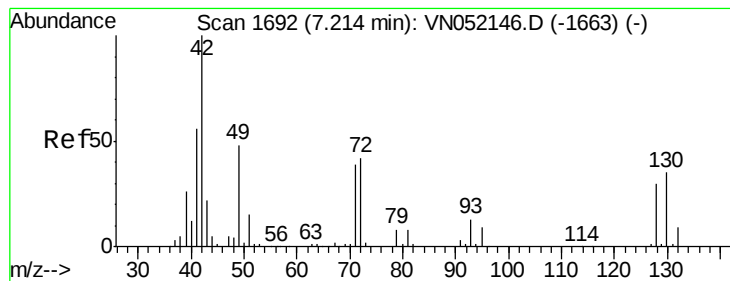


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 68.765 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampled :

VN1106WBS01

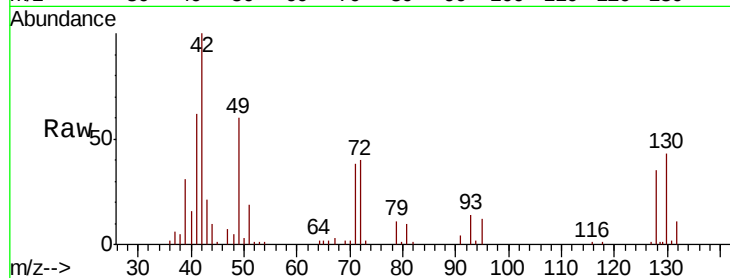
Tgt Ion: 42 Resp: 53500

Ion Ratio Lower Upper

42 100

72 45.1 32.5 48.7

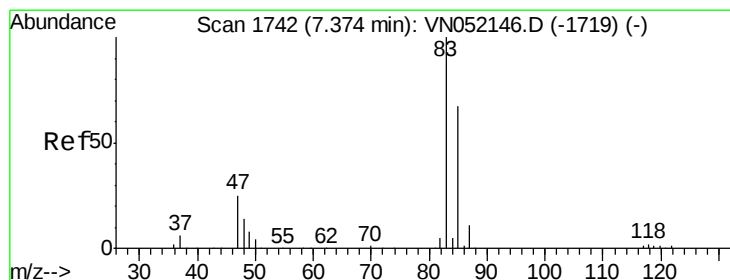
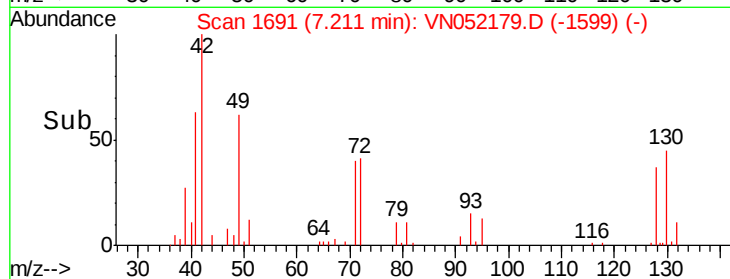
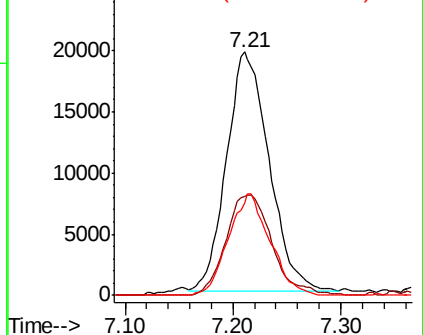
71 41.4 30.6 46.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 13.359 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN052179.D

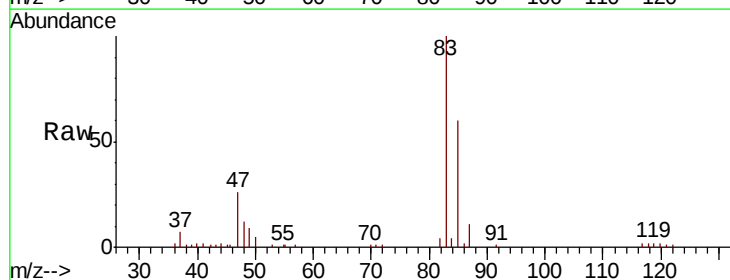
Acq: 6 Nov 2018 9:27

Tgt Ion: 83 Resp: 76997

Ion Ratio Lower Upper

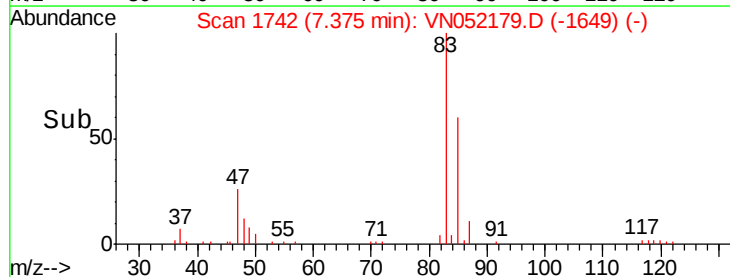
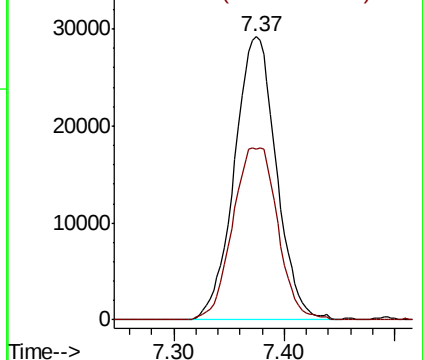
83 100

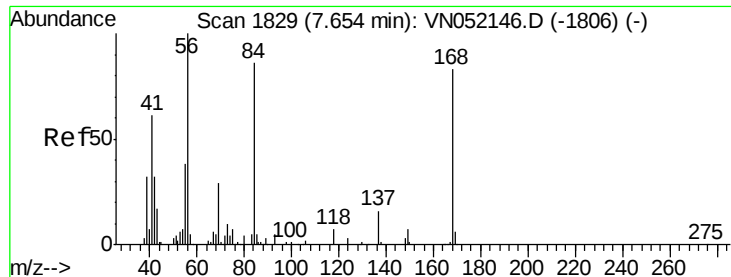
85 60.1 49.6 74.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

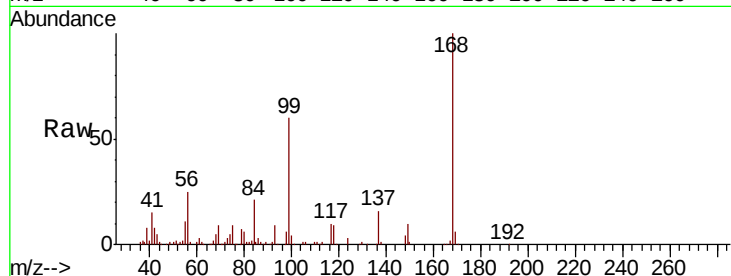




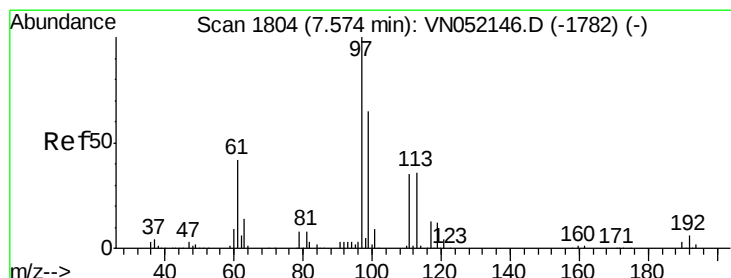
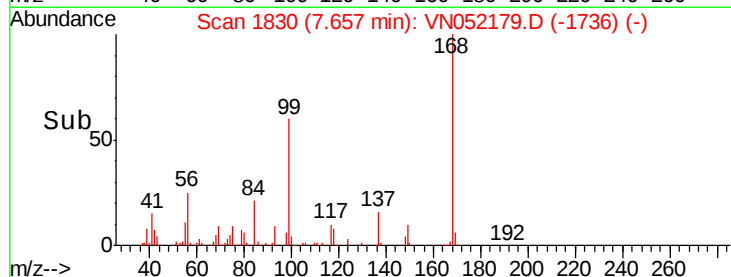
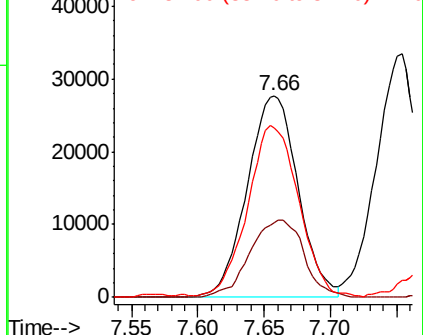
#31
Cyclohexane
Concen: 12.357 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion: 56 Resp: 74047
Ion Ratio Lower Upper
56 100
69 37.1 25.8 38.6
84 83.1 63.5 95.3

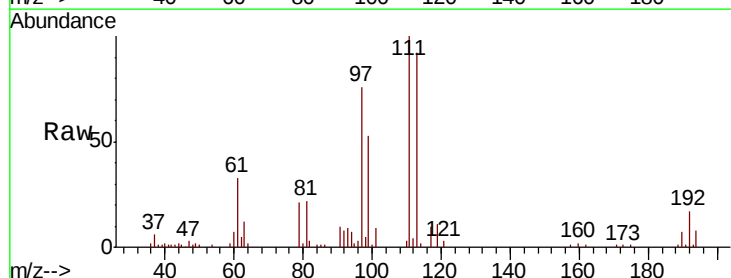


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

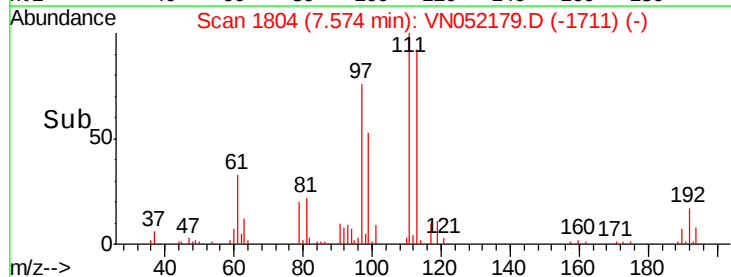
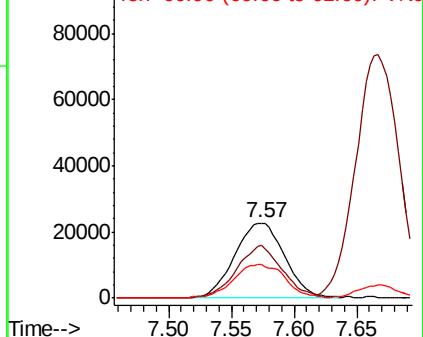


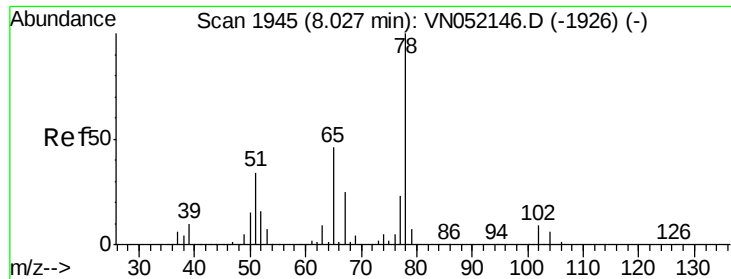
#32
1,1,1-Trichloroethane
Concen: 12.330 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Tgt Ion: 97 Resp: 63038
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.2
61 46.2 40.3 60.5



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

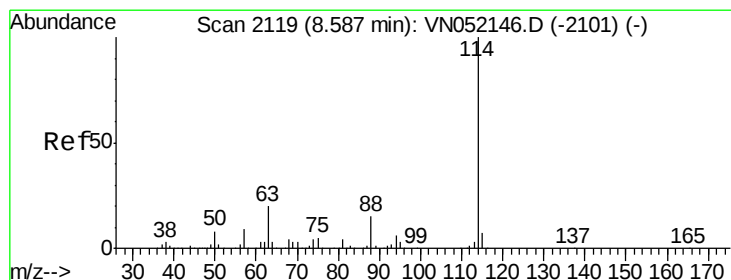
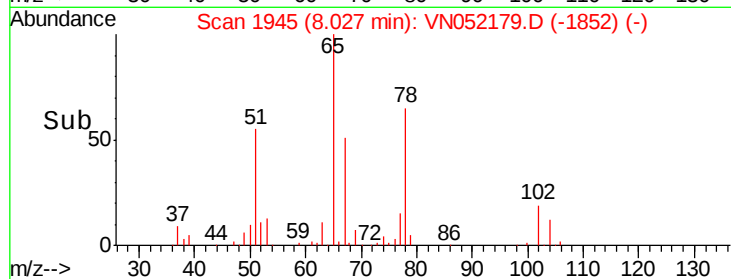
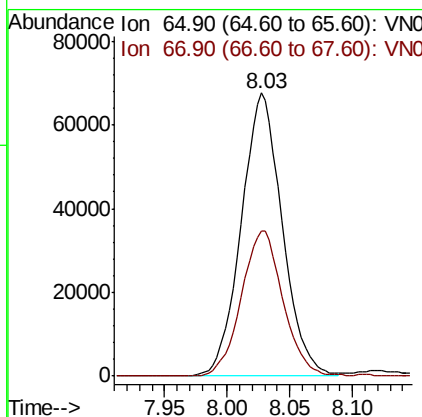
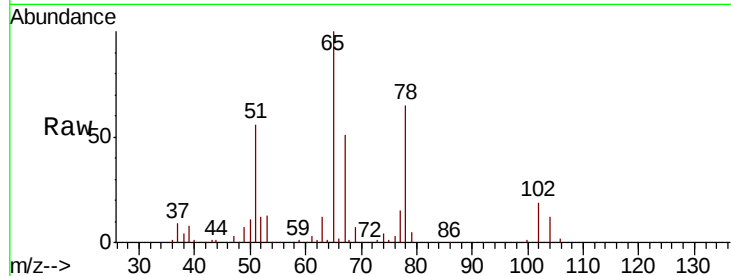




#33
 1,2-Dichloroethane-d4
 Concen: 12.330 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

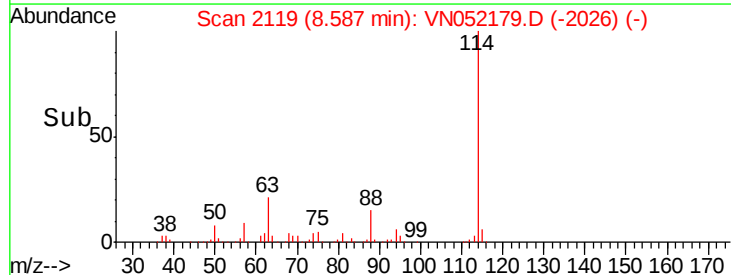
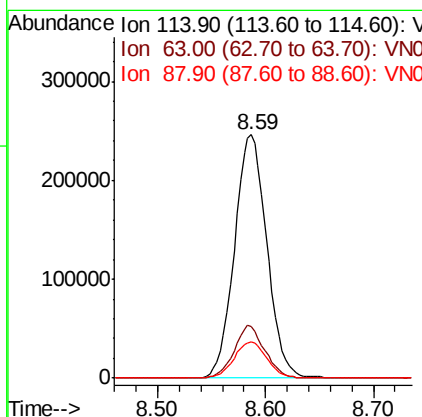
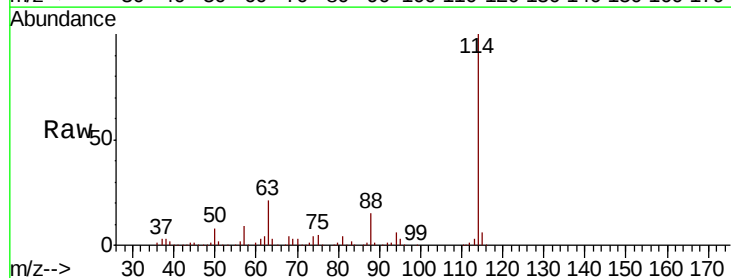
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

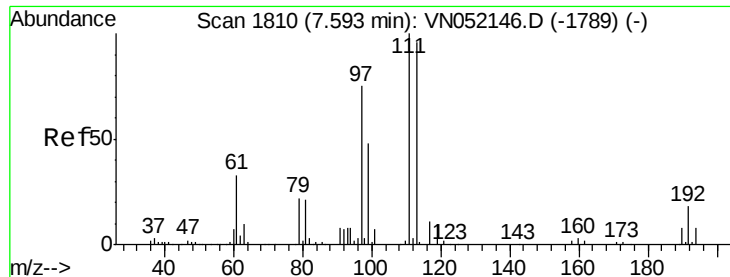
Tgt Ion: 65 Resp: 153714
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

Tgt Ion: 114 Resp: 513519
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 46.0
 88 14.8 0.0 35.4

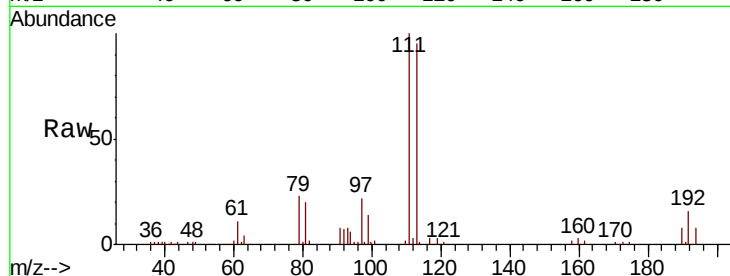




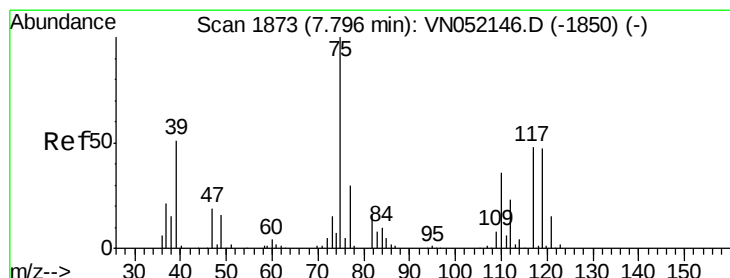
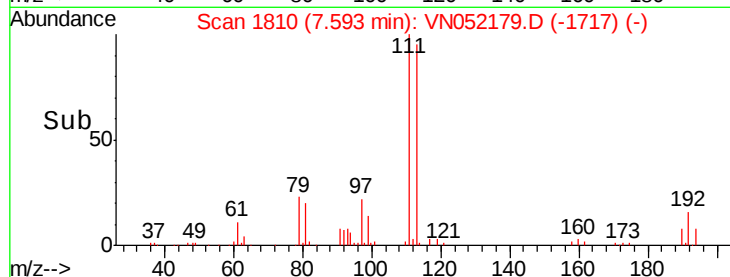
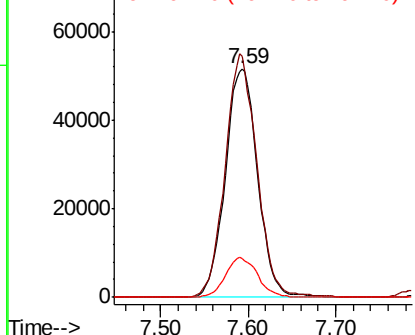
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.1	124.7
192	17.5	12.7	19.1

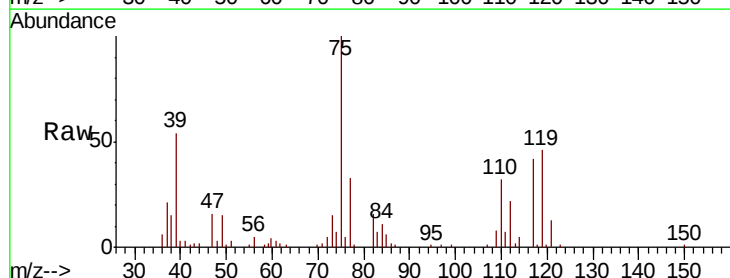


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

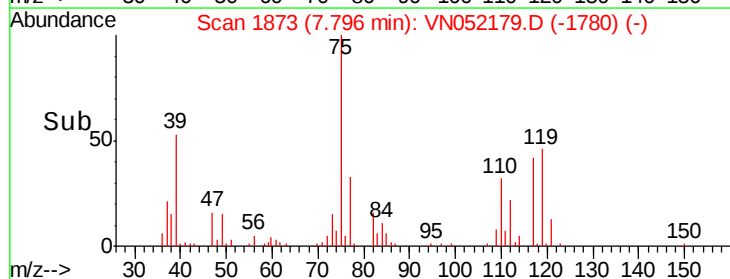
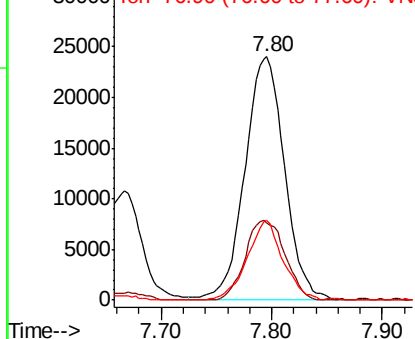


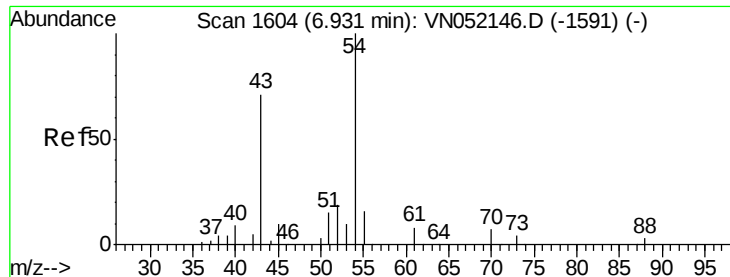
#36
1,1-Dichloropropene
Concen: 13.159 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.0	48.0
77	29.6	24.5	36.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

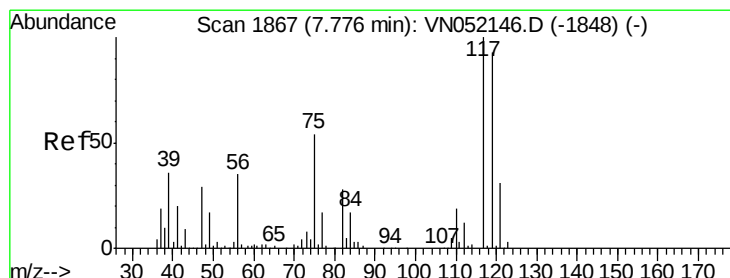
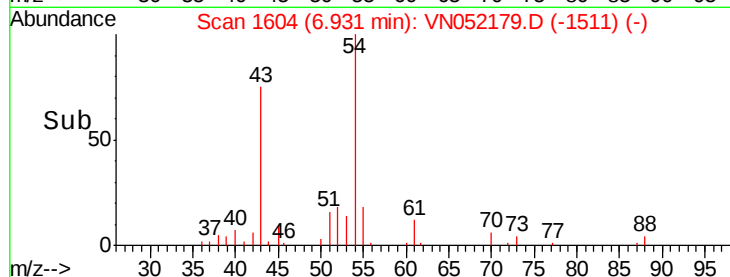
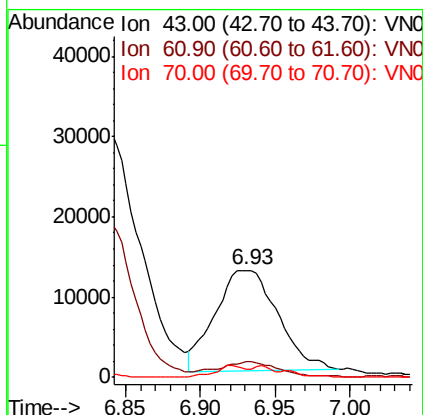
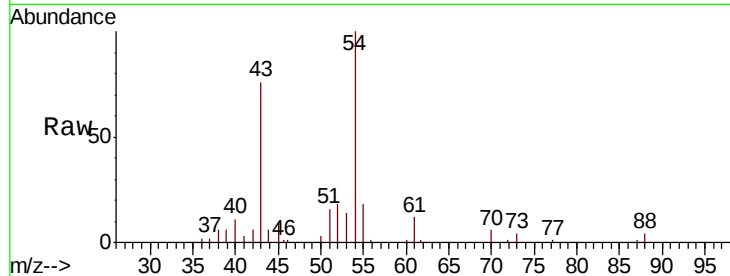




#37
Ethyl Acetate
Concen: 12.783 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

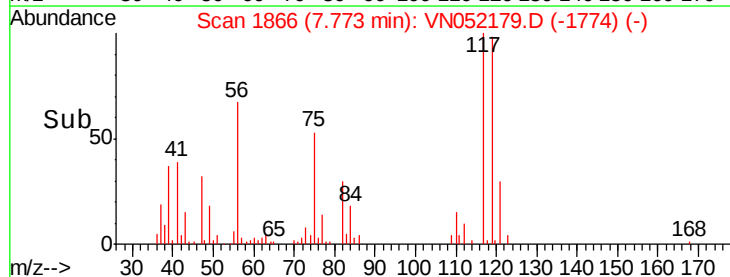
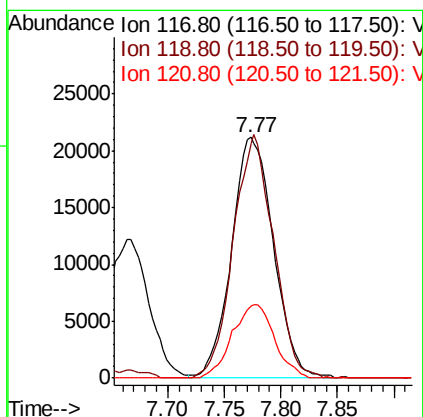
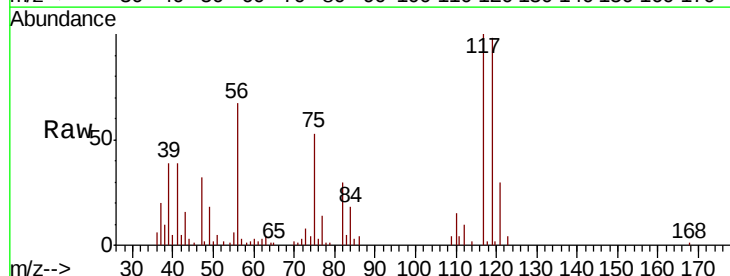
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

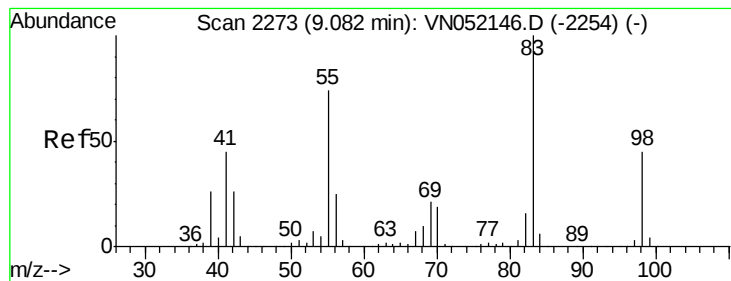
Tgt Ion: 43 Resp: 36565
Ion Ratio Lower Upper
43 100
61 13.1 10.9 16.3
70 5.3 8.6 12.8#



#38
Carbon Tetrachloride
Concen: 12.068 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Tgt Ion: 117 Resp: 54769
Ion Ratio Lower Upper
117 100
119 97.5 74.8 112.2
121 29.9 25.1 37.7





#39

Methylcyclohexane

Concen: 13.151 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

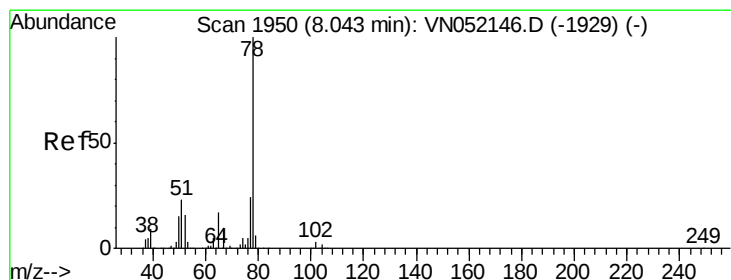
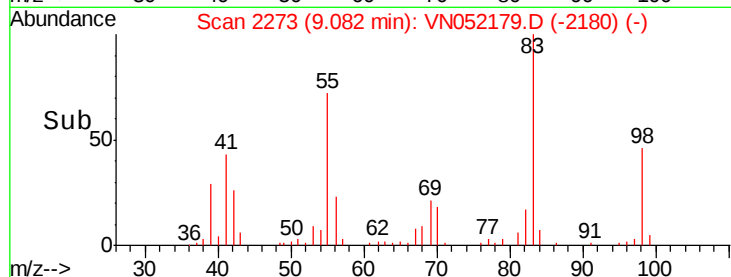
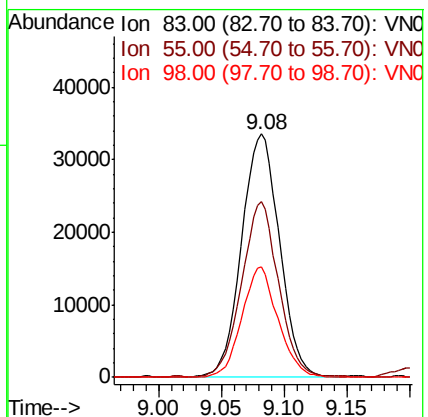
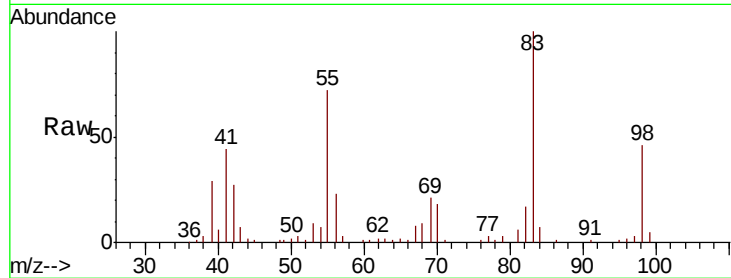
Tgt Ion: 83 Resp: 70751

Ion Ratio Lower Upper

83 100

55 72.0 62.0 93.0

98 45.5 34.7 52.1



#40

Benzene

Concen: 13.057 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052179.D

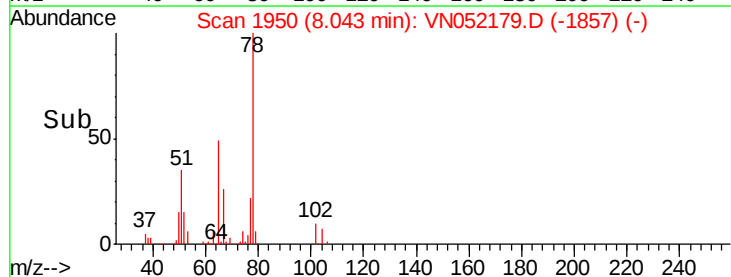
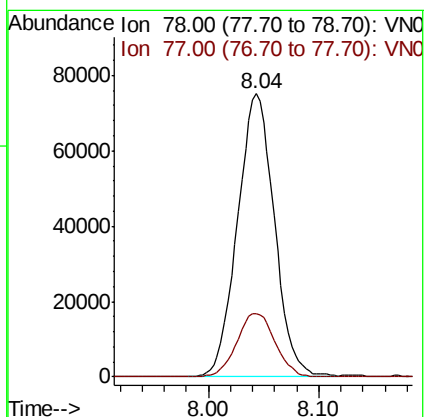
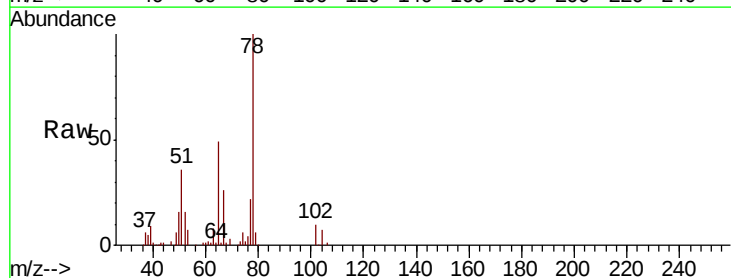
Acq: 6 Nov 2018 9:27

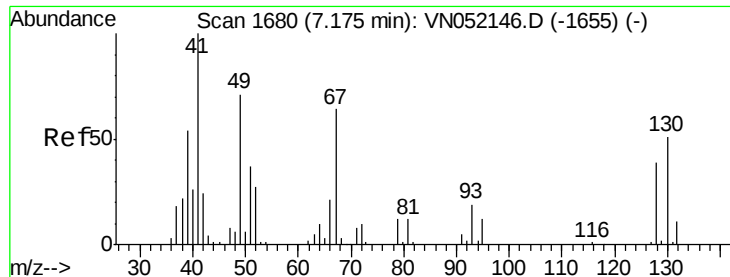
Tgt Ion: 78 Resp: 174363

Ion Ratio Lower Upper

78 100

77 22.5 19.8 29.6

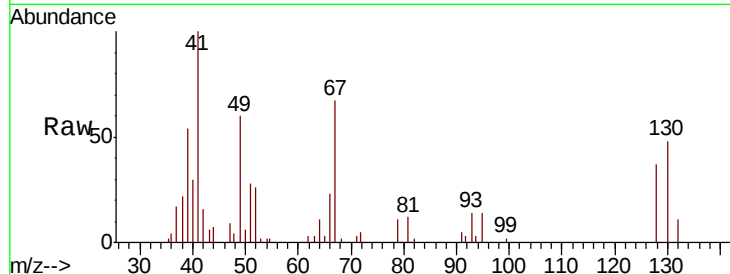




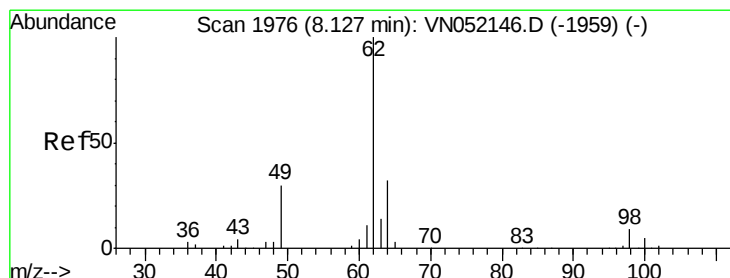
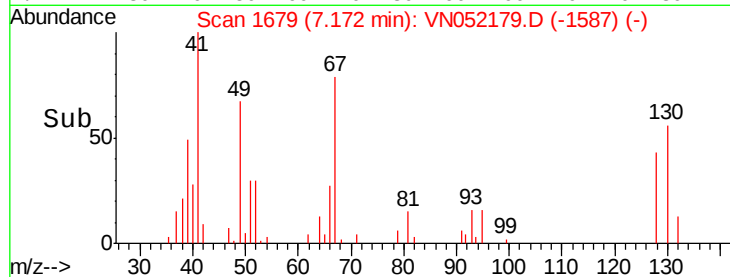
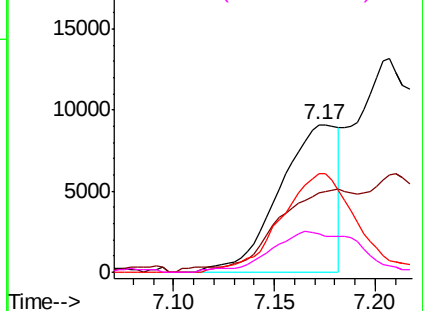
#41
Methacrylonitrile
Concen: 12.461 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tgt Ion: 41 Resp: 18321
Ion Ratio Lower Upper
41 100
39 75.3 33.2 49.8#
67 88.1 63.5 95.3
52 27.5 25.6 38.4

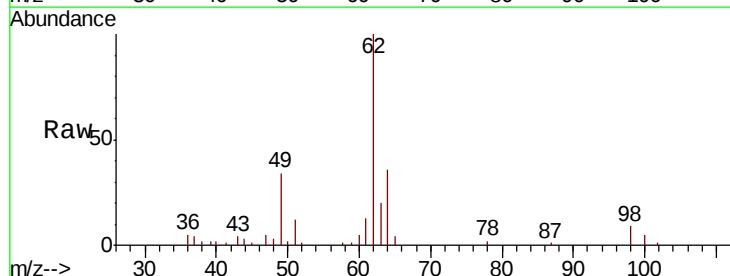


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

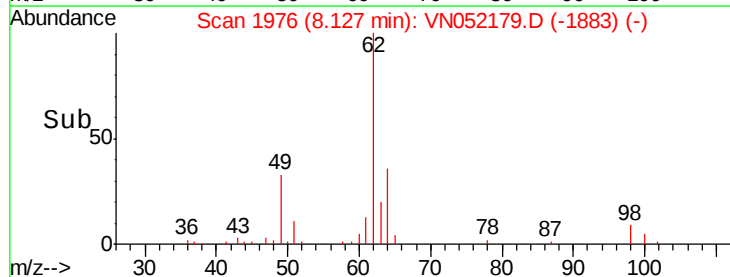
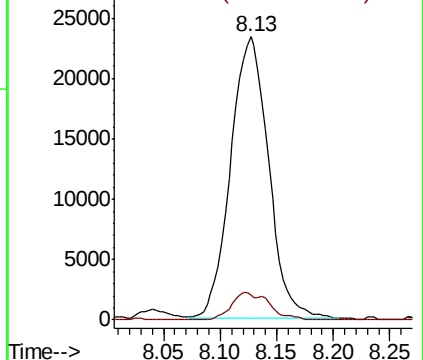


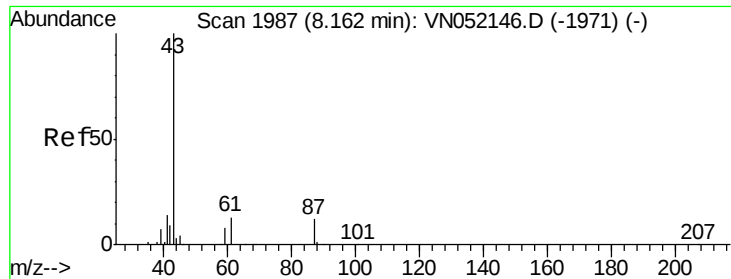
#42
1,2-Dichloroethane
Concen: 12.650 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Tgt Ion: 62 Resp: 54307
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.2



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





#43

Isopropyl Acetate

Concen: 13.450 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

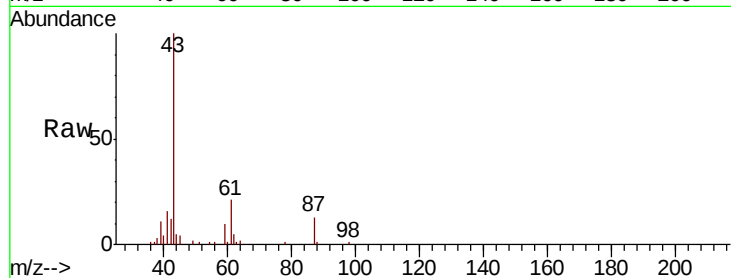
Tgt Ion: 43 Resp: 69717

Ion Ratio Lower Upper

43 100

61 16.1 15.4 23.0

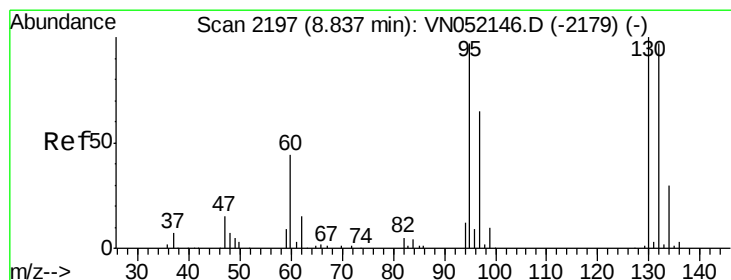
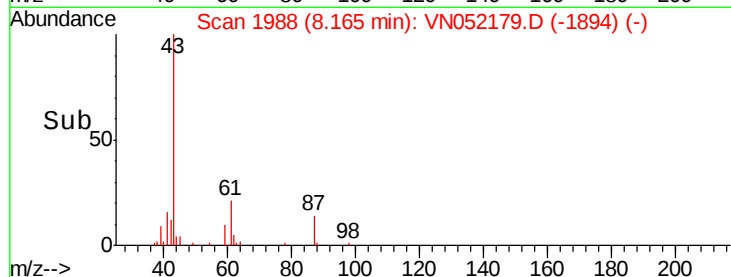
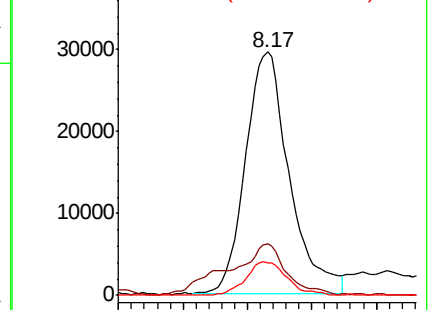
87 13.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN052179.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052179.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052179.D (-1971) (-)



#44

Trichloroethene

Concen: 12.879 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052179.D

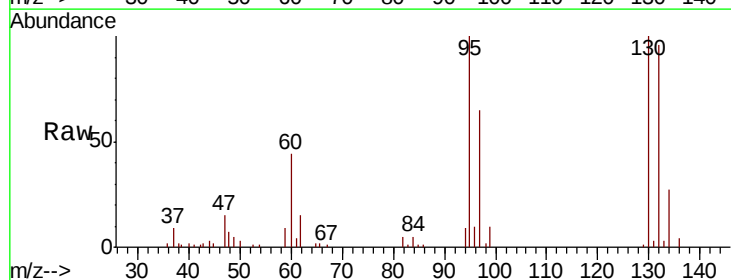
Acq: 6 Nov 2018 9:27

Tgt Ion: 130 Resp: 45534

Ion Ratio Lower Upper

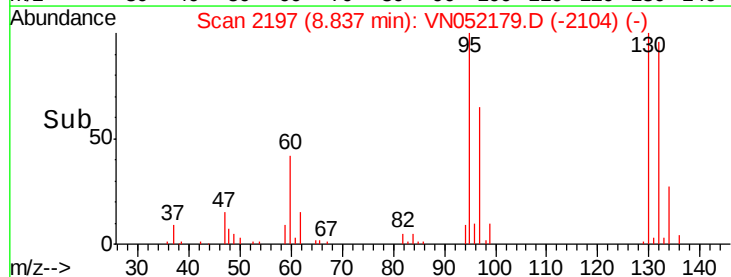
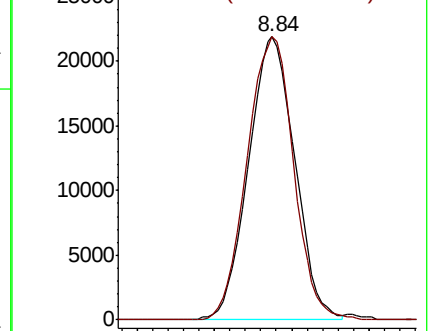
130 100

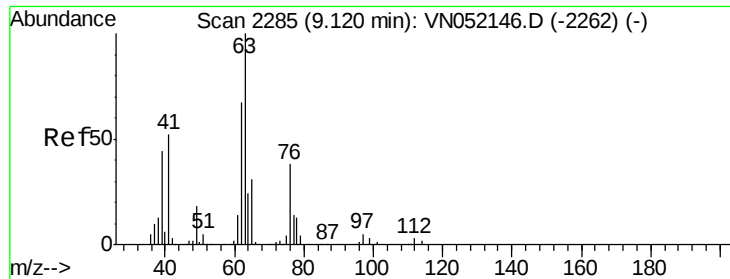
95 100.0 0.0 228.4



Abundance Ion 129.80 (129.50 to 130.50): VN052179.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN052179.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 13.144 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

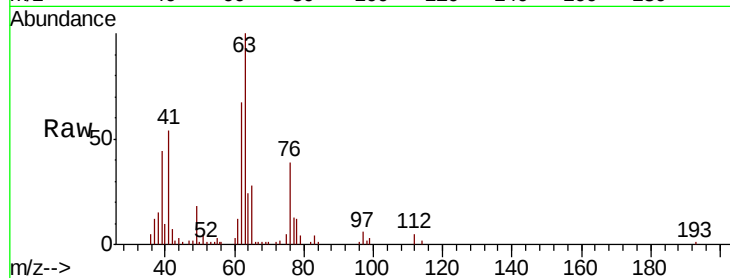
VN1106WBS01

Tgt Ion: 63 Resp: 46486

Ion Ratio Lower Upper

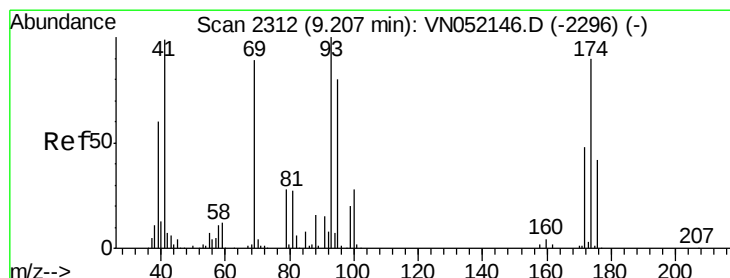
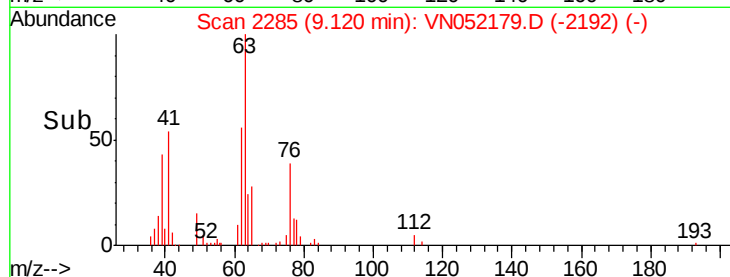
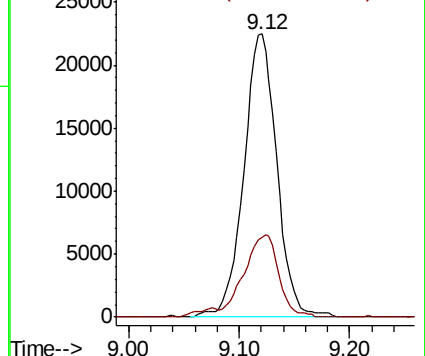
63 100

65 28.1 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 12.794 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

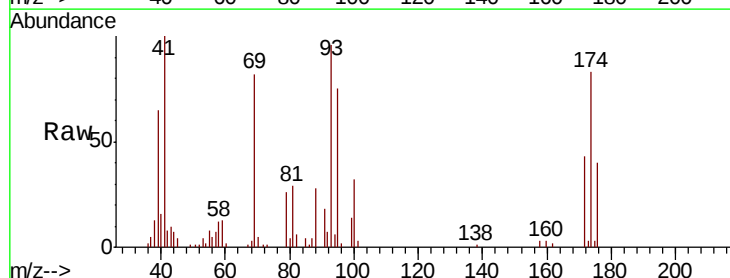
Tgt Ion: 93 Resp: 28775

Ion Ratio Lower Upper

93 100

95 78.9 67.2 100.8

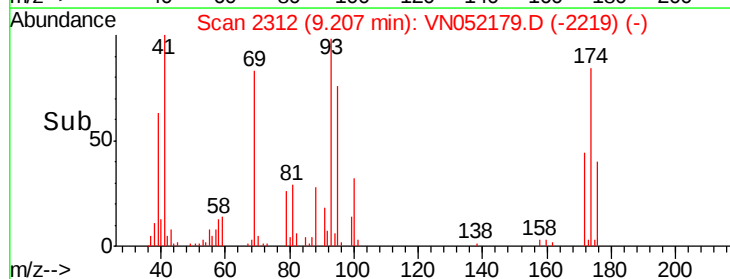
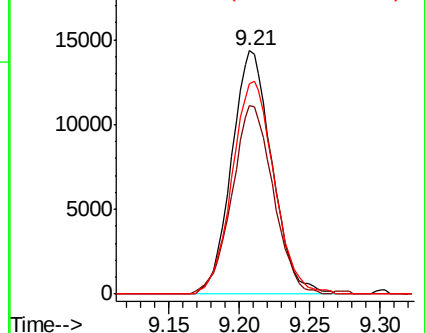
174 90.7 59.7 89.5#

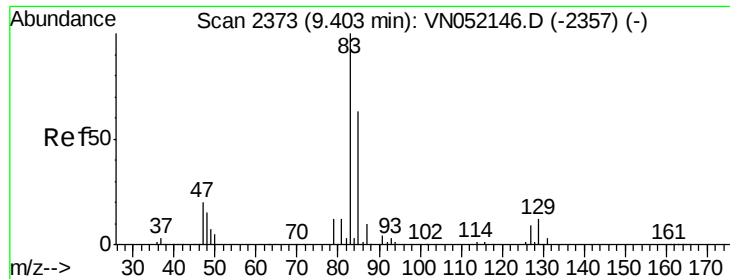


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 12.618 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

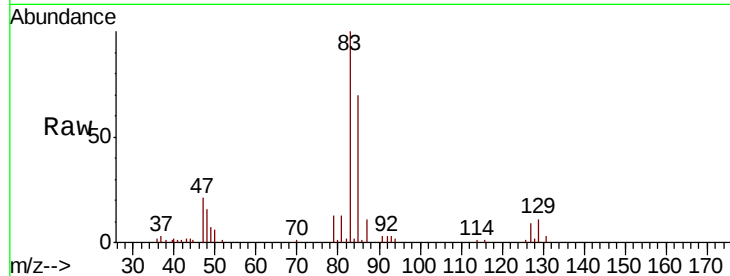
Tgt Ion: 83 Resp: 55348

Ion Ratio Lower Upper

83 100

85 70.2 49.4 74.2

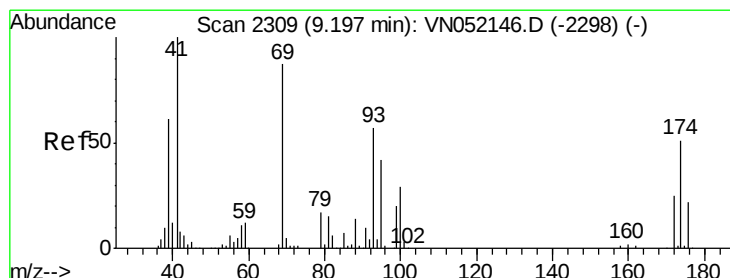
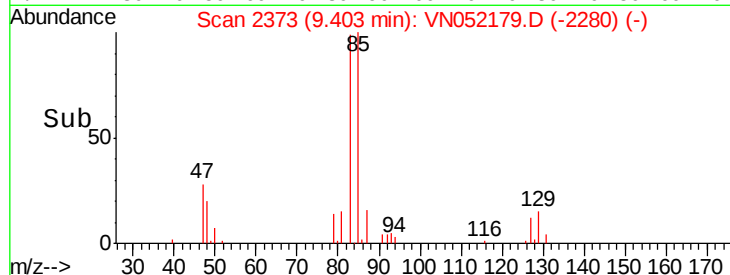
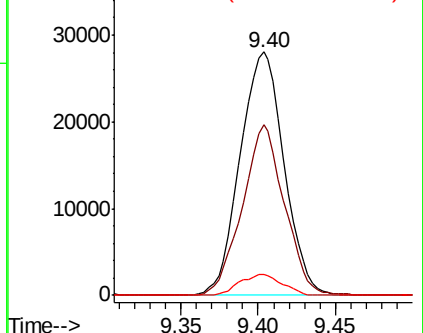
127 8.7 5.8 8.8



Abundance Ion 82.90 (82.60 to 83.60): VN052179.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052179.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052179.D (-2280) (-)



#48

Methyl methacrylate

Concen: 13.858 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

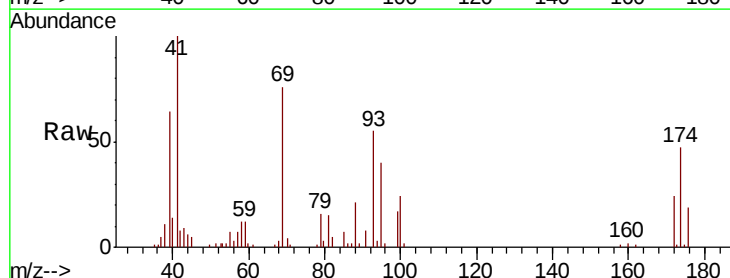
Tgt Ion: 41 Resp: 34571

Ion Ratio Lower Upper

41 100

69 83.1 67.1 100.7

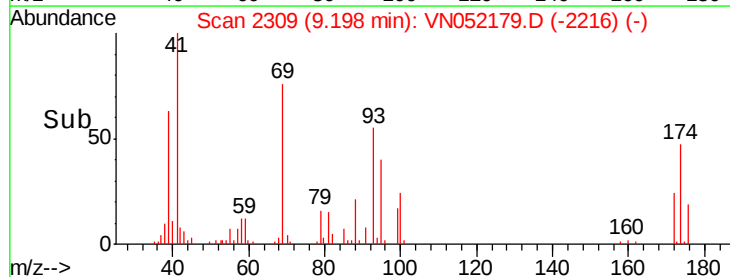
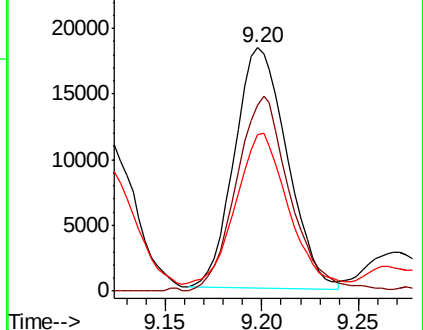
39 64.5 50.5 75.7

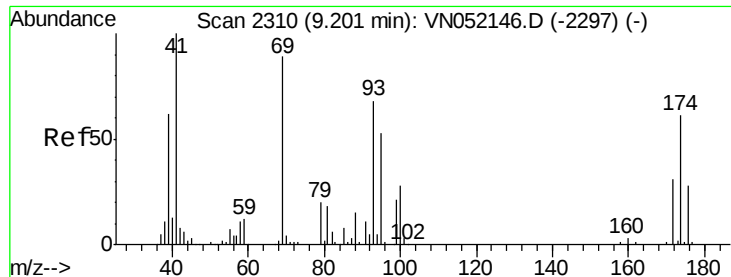


Abundance Ion 41.00 (40.70 to 41.70): VN052179.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052179.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052179.D (-2216) (-)





#49

1,4-Dioxane

Concen: 385.779 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

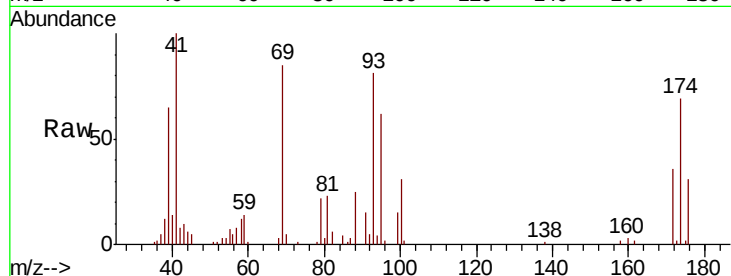
Tgt Ion: 88 Resp: 8400

Ion Ratio Lower Upper

88 100

43 33.1 34.1 51.1#

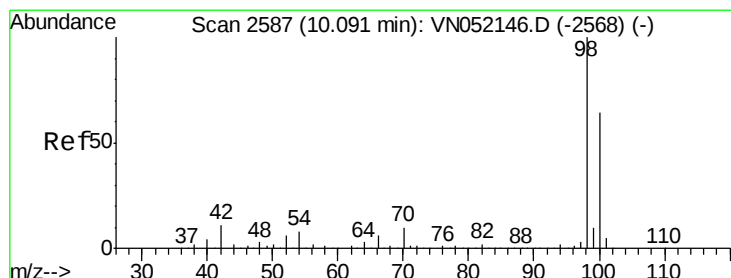
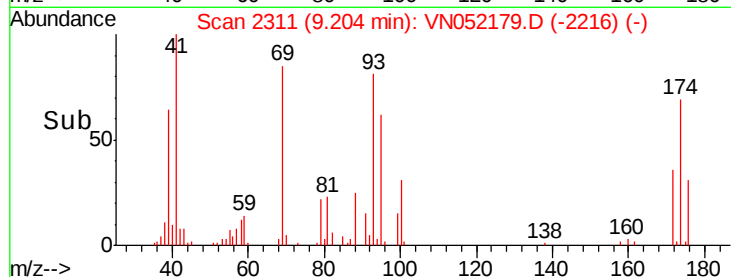
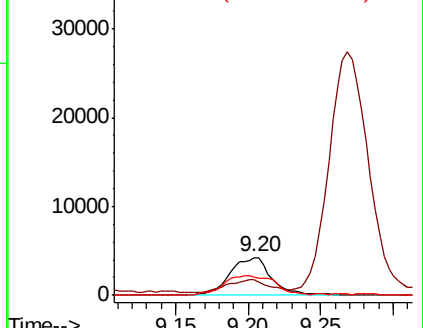
58 65.0 62.8 94.2



Abundance Ion 88.00 (87.70 to 88.70): VN052146.D (-2297) (-)

Ion 43.00 (42.70 to 43.70): VN052146.D (-2297) (-)

Ion 58.00 (57.70 to 58.70): VN052146.D (-2297) (-)



#50

Toluene-d8

Concen: 385.779 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052179.D

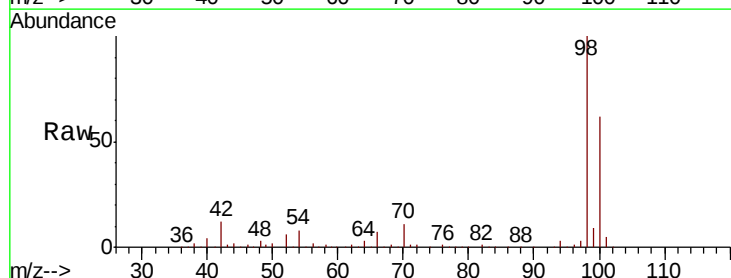
Acq: 6 Nov 2018 9:27

Tgt Ion: 98 Resp: 515466

Ion Ratio Lower Upper

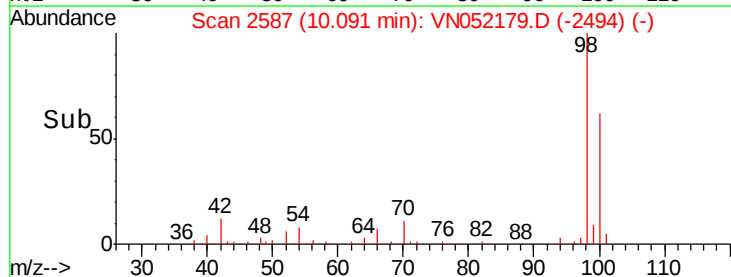
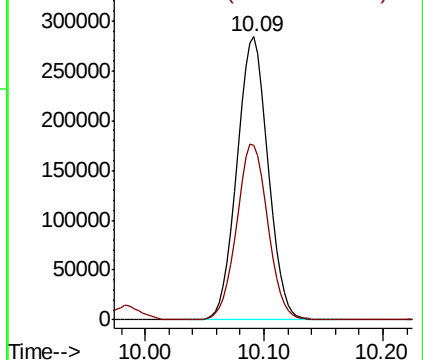
98 100

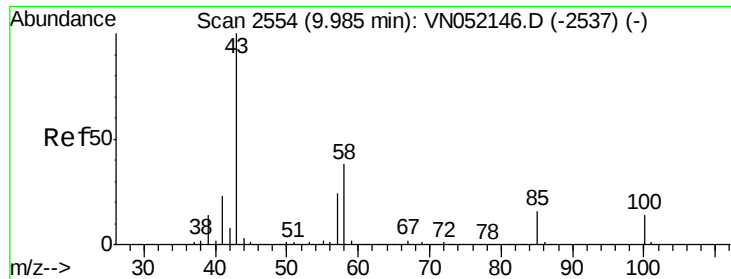
100 62.4 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN052146.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN052146.D (-2568) (-)





#51

4-Methyl-2-Pentanone

Concen: 68.404 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

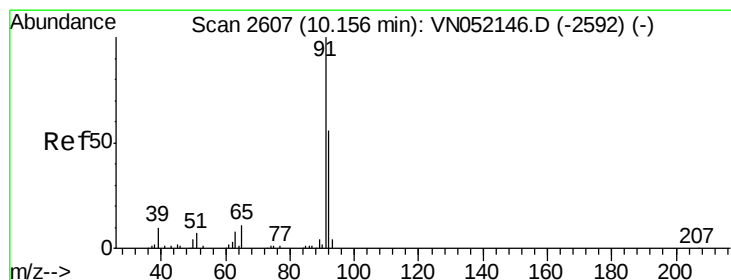
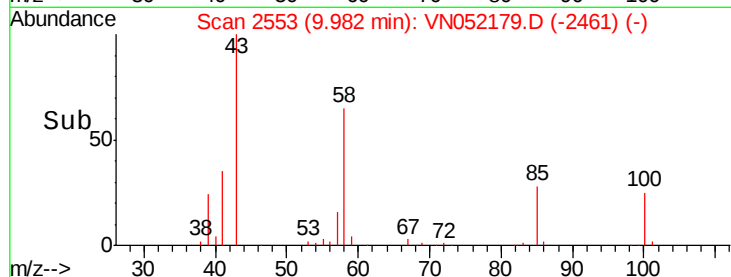
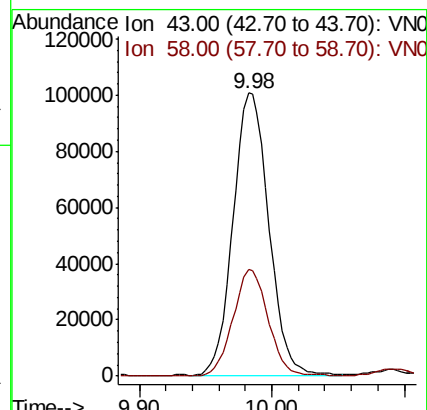
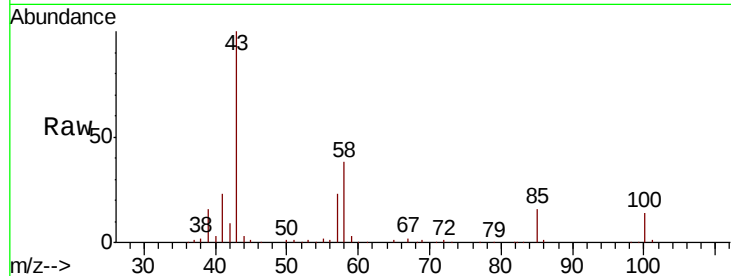
VN1106WBS01

Tgt Ion: 43 Resp: 187314

Ion Ratio Lower Upper

43 100

58 37.3 29.7 44.5



#52

Toluene

Concen: 13.178 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN052179.D

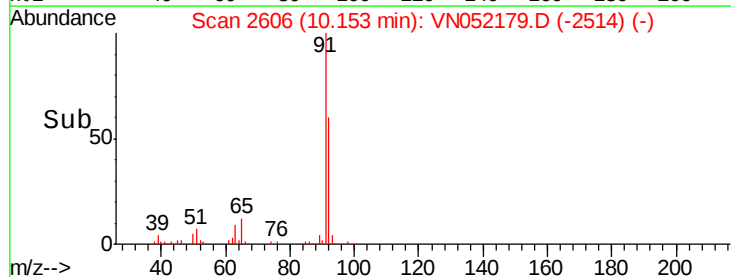
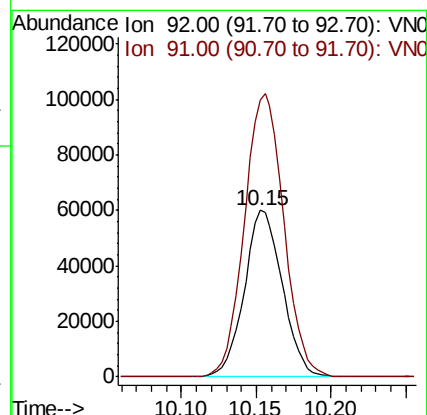
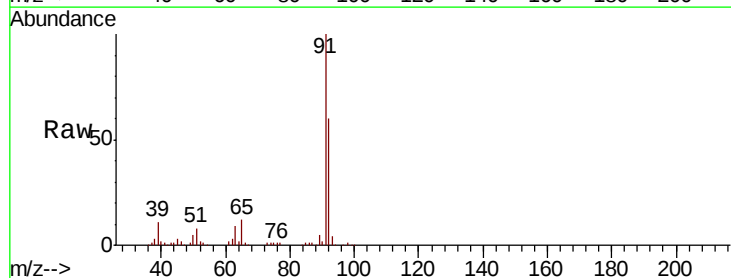
Acq: 6 Nov 2018 9:27

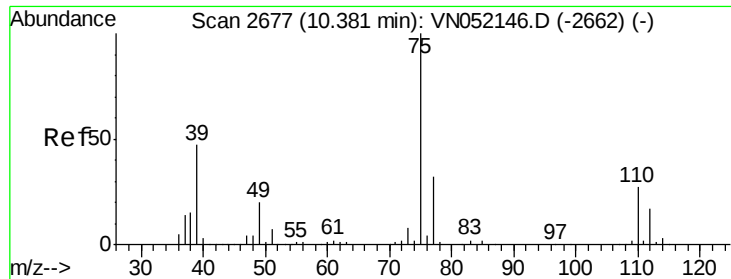
Tgt Ion: 92 Resp: 106121

Ion Ratio Lower Upper

92 100

91 176.2 143.9 215.9





#53

t-1,3-Dichloropropene

Concen: 12.321 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

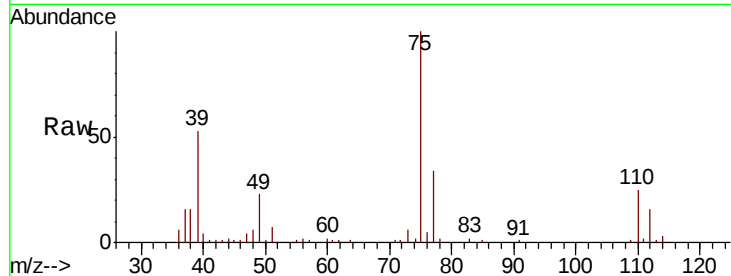
VN1106WBS01

Tgt Ion: 75 Resp: 53018

Ion Ratio Lower Upper

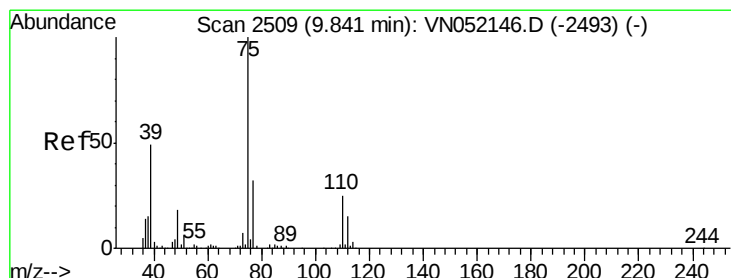
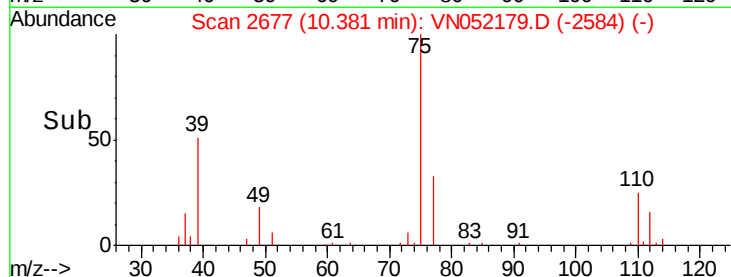
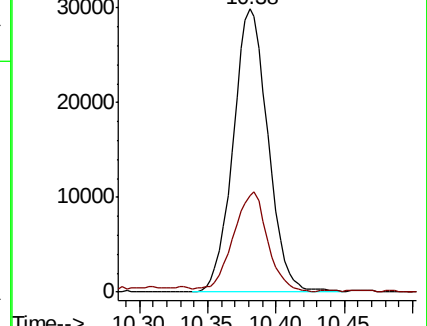
75 100

77 34.3 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 12.719 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

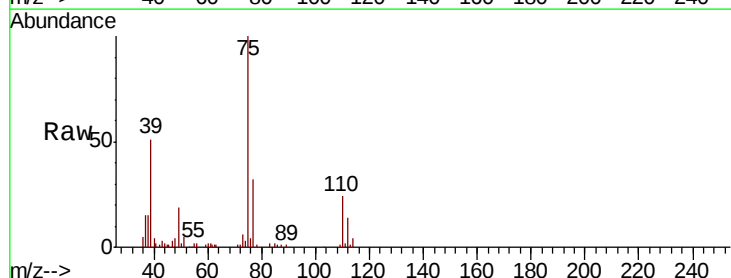
Tgt Ion: 75 Resp: 64046

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4

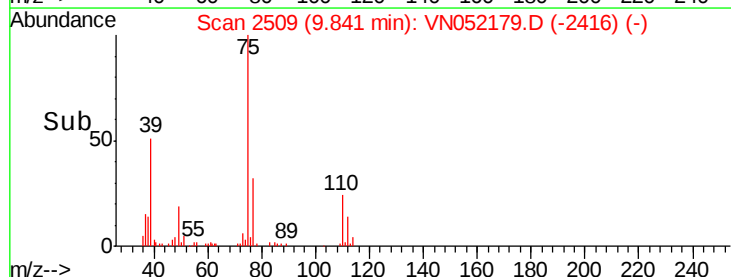
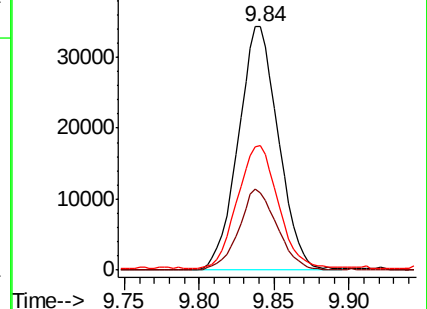
39 50.5 42.3 63.5

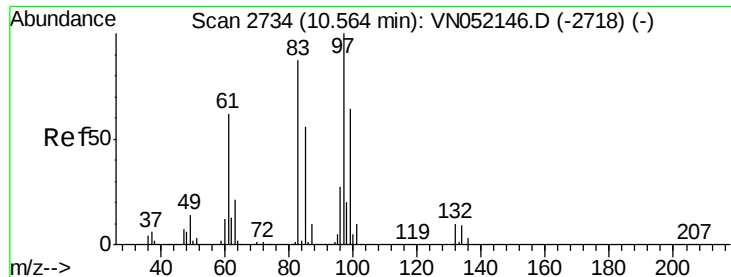


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 13.709 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

Tgt Ion: 97 Resp: 38924

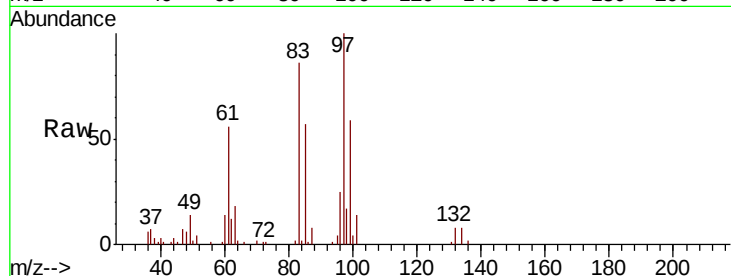
Ion Ratio Lower Upper

97 100

83 85.9 73.8 110.8

85 56.6 48.4 72.6

99 59.4 48.6 72.8

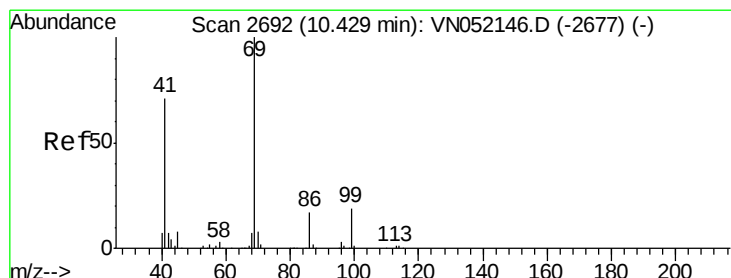
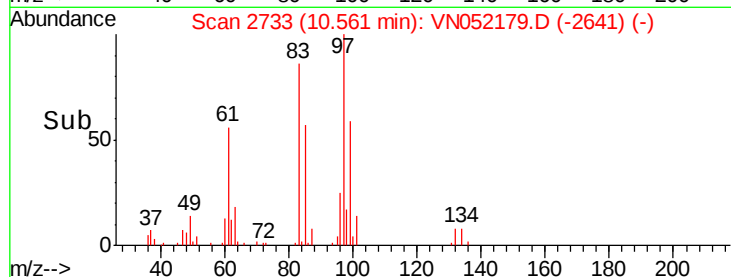
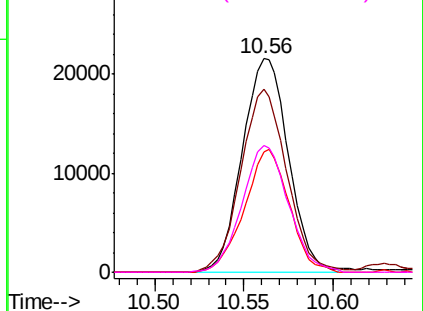


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 12.854 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

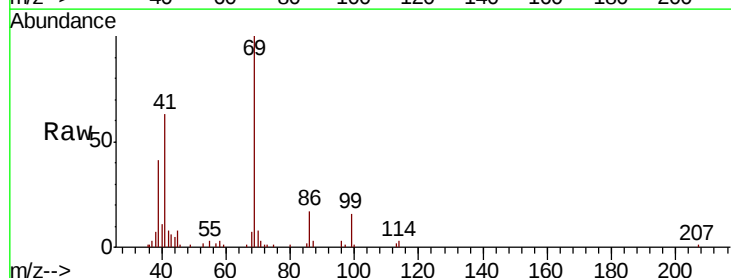
Tgt Ion: 69 Resp: 47572

Ion Ratio Lower Upper

69 100

41 65.8 55.5 83.3

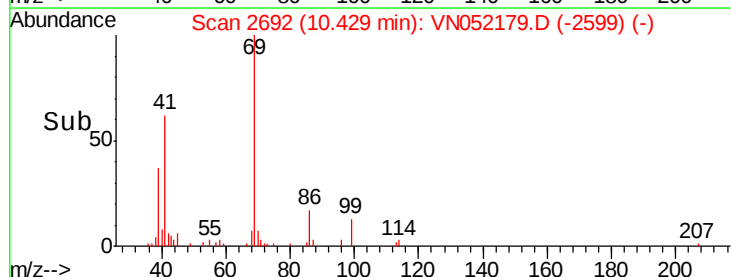
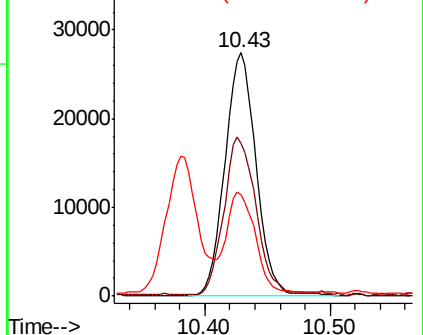
39 37.7 33.0 49.4

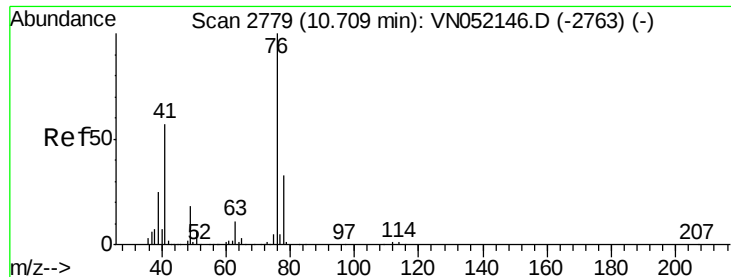


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

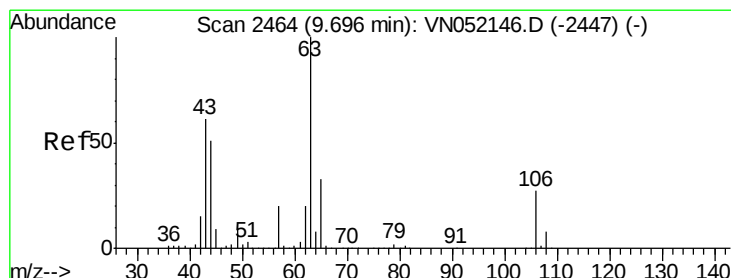
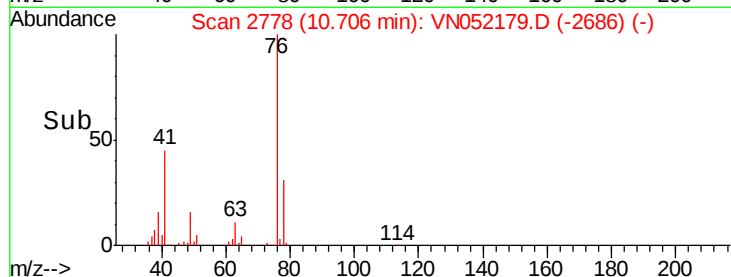
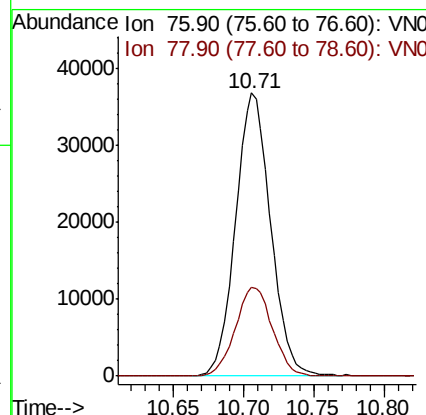
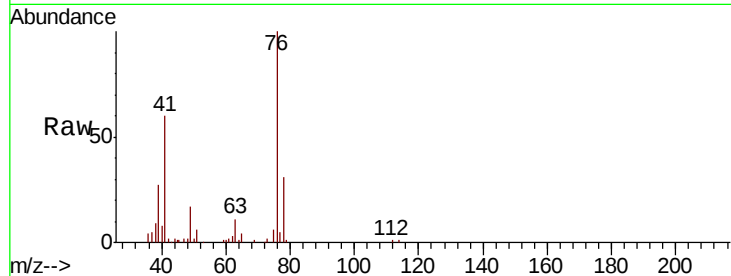




#57
 1,3-Dichloropropane
 Concen: 12.820 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

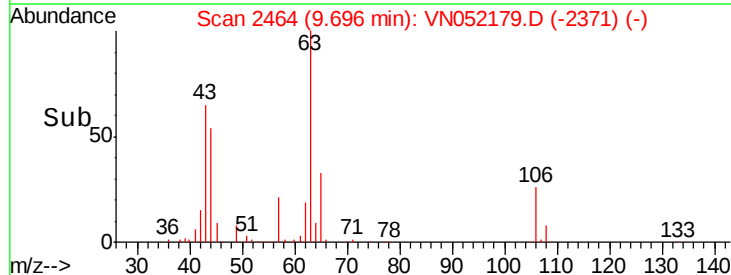
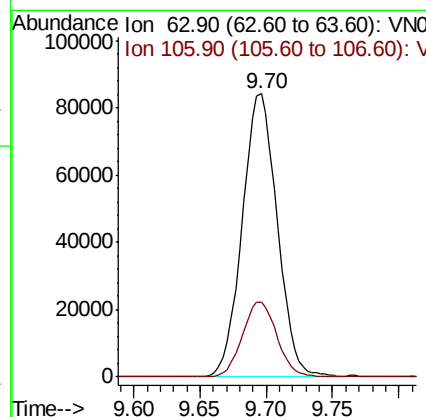
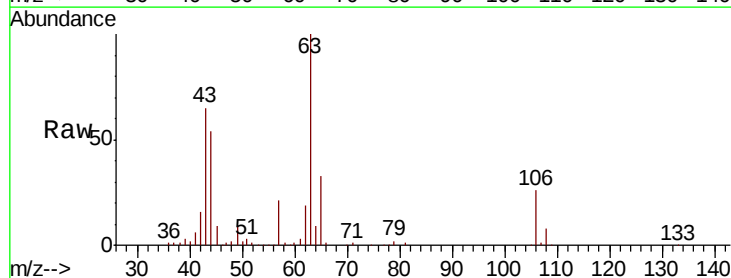
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

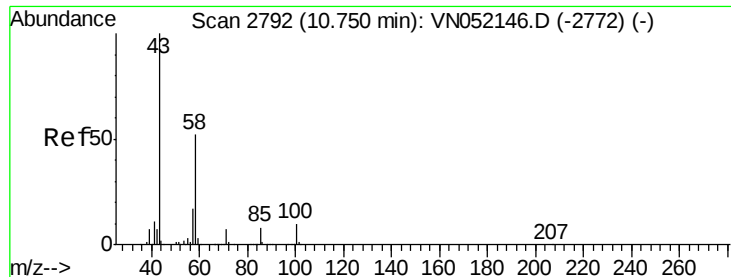
Tgt Ion: 76 Resp: 64124
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 77.755 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

Tgt Ion: 63 Resp: 154863
 Ion Ratio Lower Upper
 63 100
 106 26.0 19.4 29.2

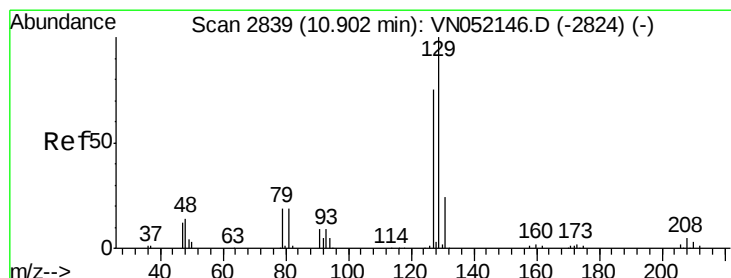
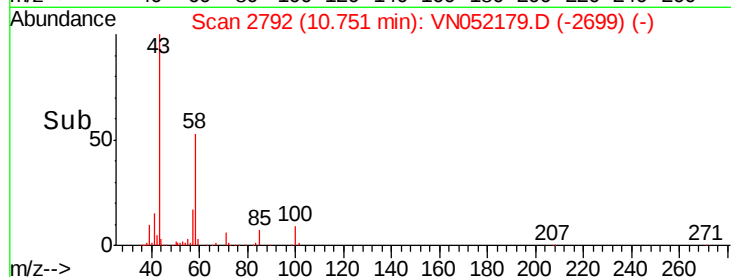
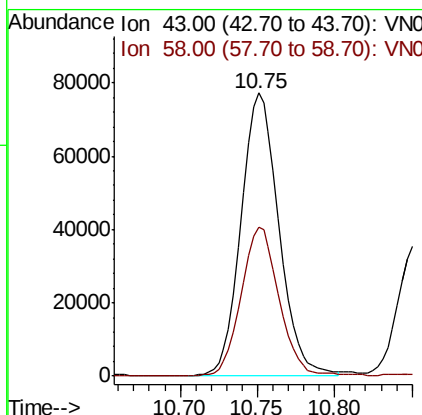
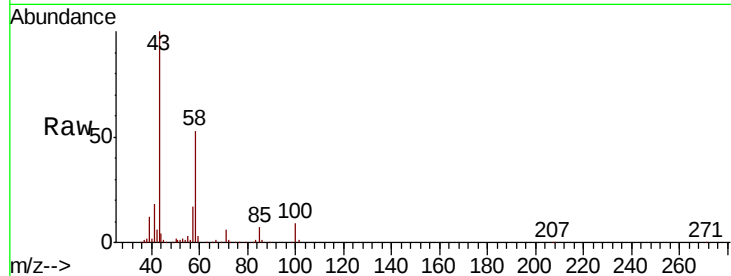




#59
2-Hexanone
Concen: 68.647 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

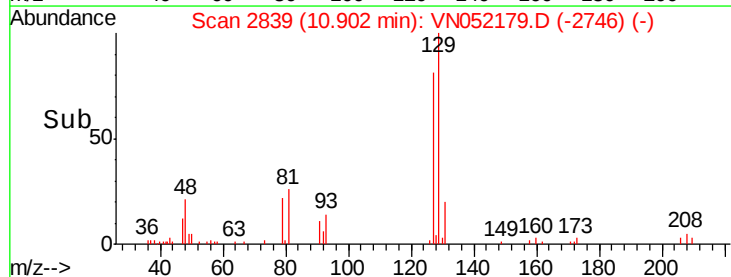
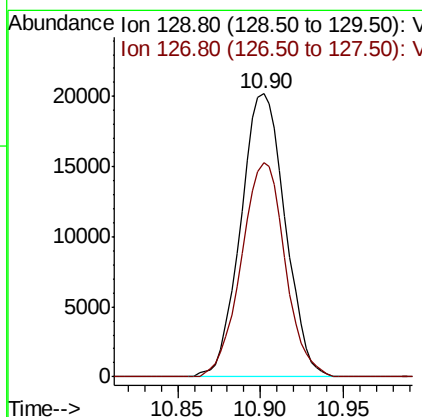
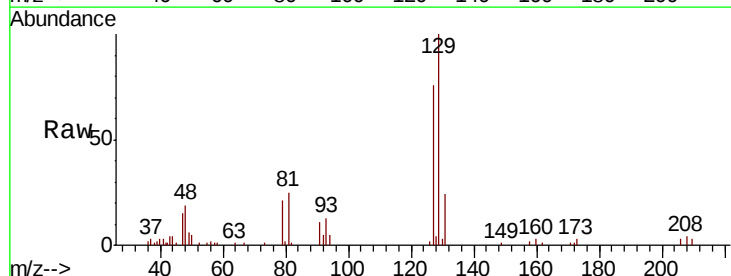
Instrument :
MSVOA_N
ClientSampled :
VN1106WBS01

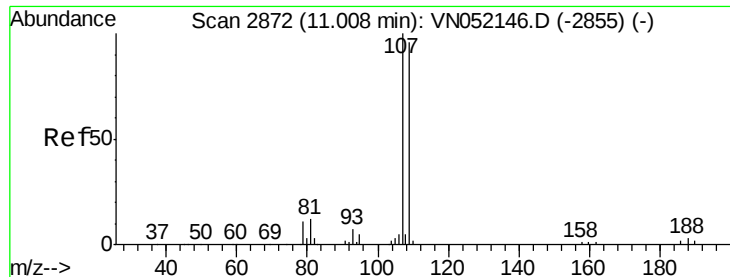
Tgt Ion: 43 Resp: 130857
Ion Ratio Lower Upper
43 100
58 53.3 25.2 75.6



#60
Dibromochloromethane
Concen: 11.641 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Tgt Ion: 129 Resp: 37585
Ion Ratio Lower Upper
129 100
127 74.7 38.5 115.5

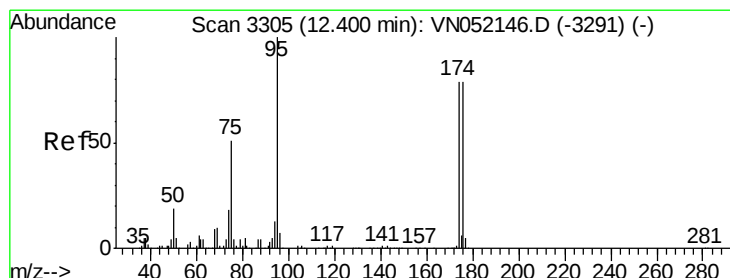
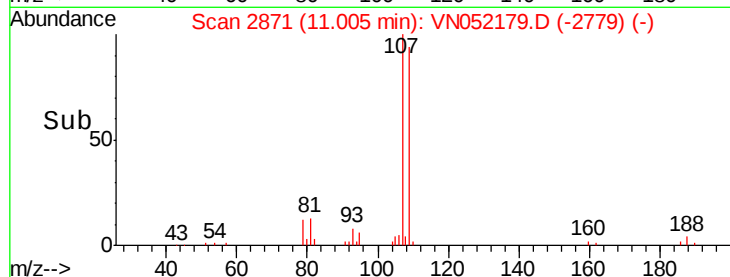
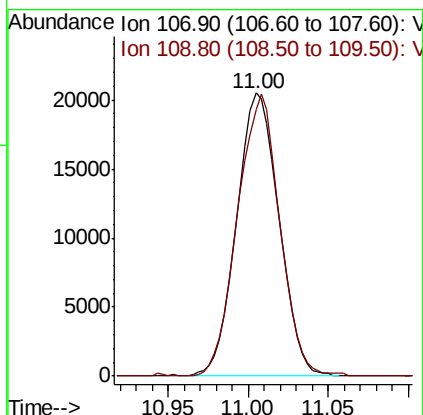
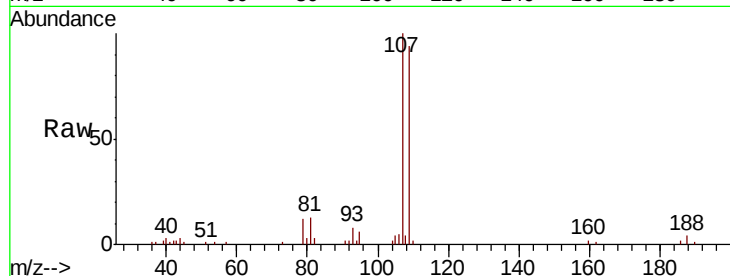




#61
 1,2-Dibromoethane
 Concen: 12.865 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

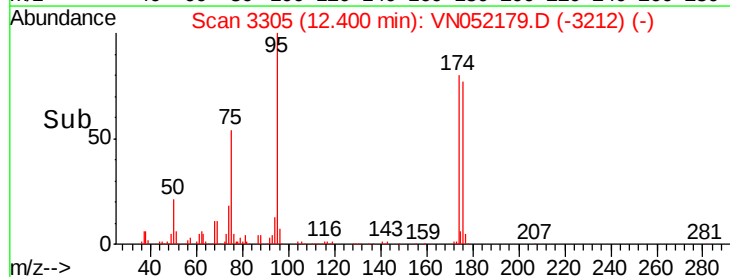
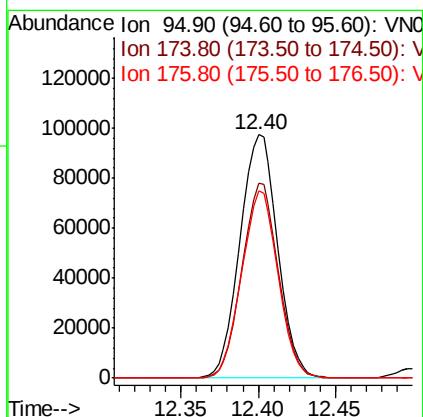
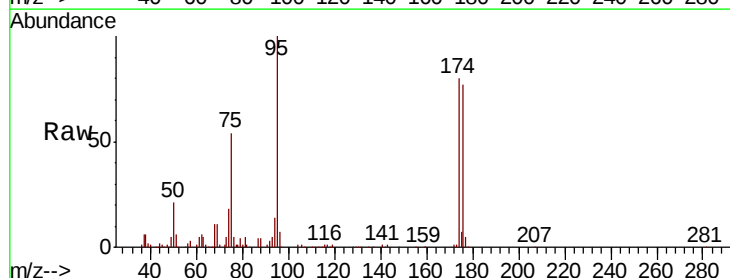
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

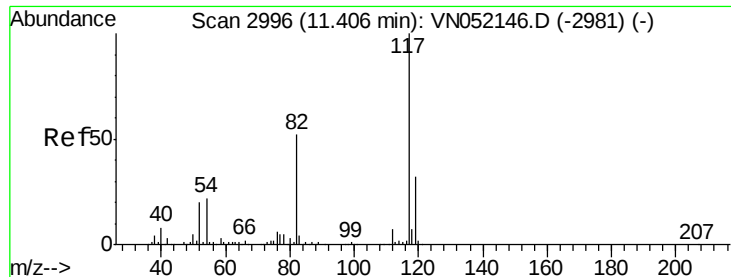
Tgt Ion: 107 Resp: 37077
 Ion Ratio Lower Upper
 107 100
 109 99.1 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 12.865 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

Tgt Ion: 95 Resp: 165235
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 131.8
 176 74.6 0.0 126.0

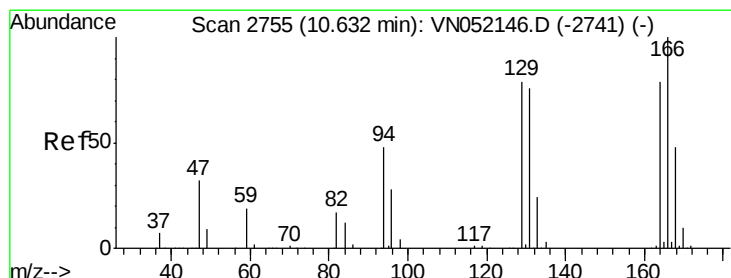
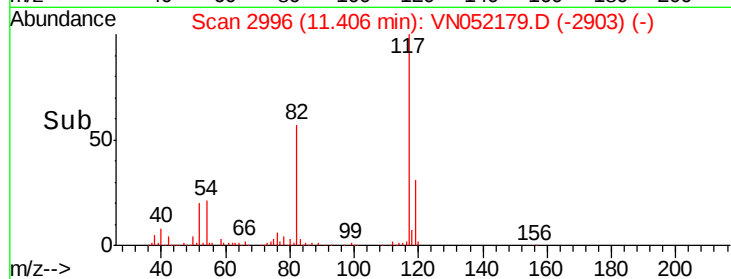
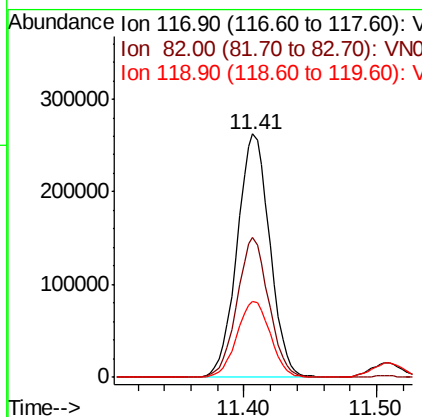
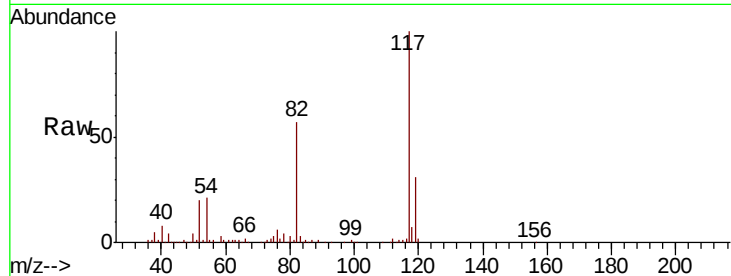




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

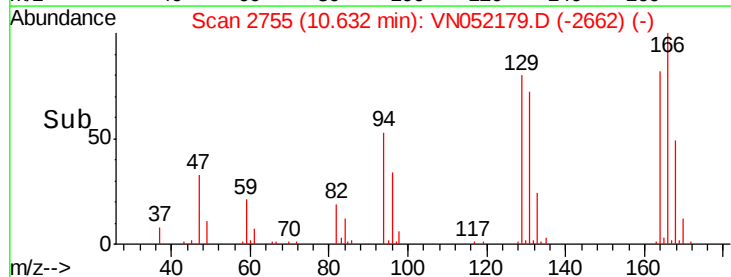
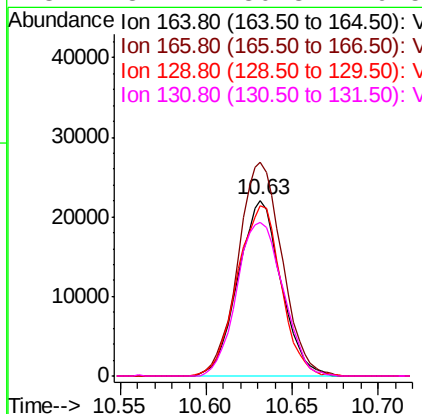
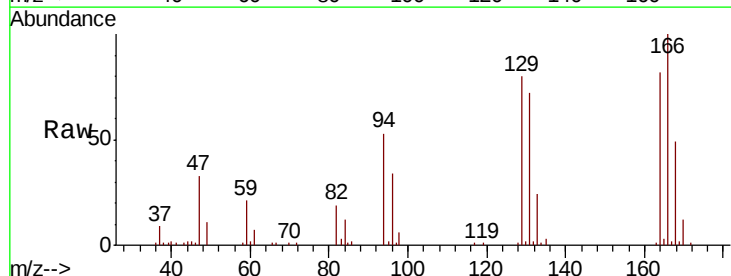
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

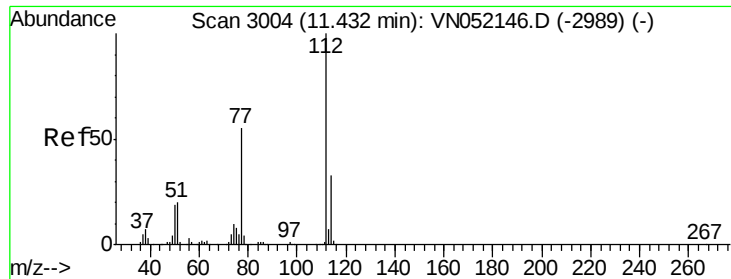
Tgt Ion:117 Resp: 448933
Ion Ratio Lower Upper
117 100
82 57.3 49.9 74.9
119 31.1 25.7 38.5



#64
Tetrachloroethene
Concen: 13.214 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Tgt Ion:164 Resp: 38433
Ion Ratio Lower Upper
164 100
166 121.7 105.4 158.0
129 97.4 86.1 129.1
131 87.2 80.3 120.5

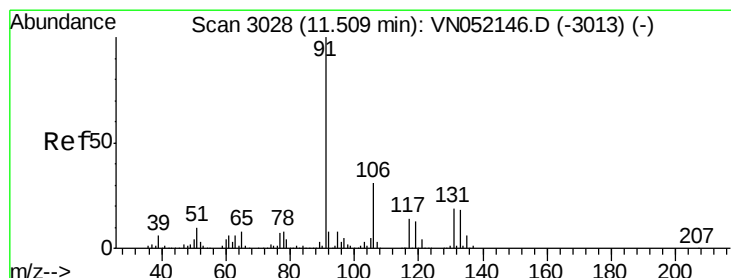
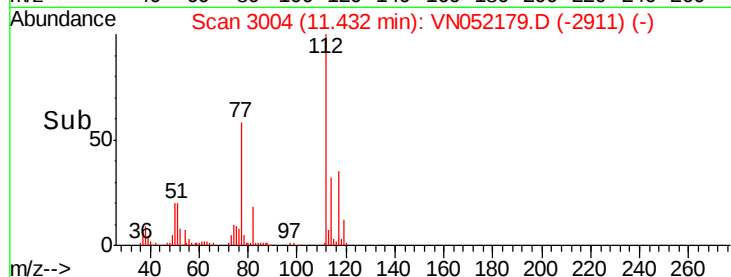
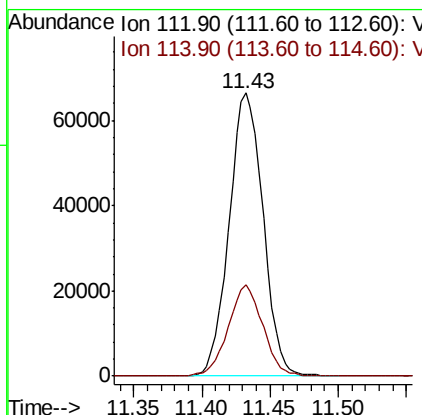
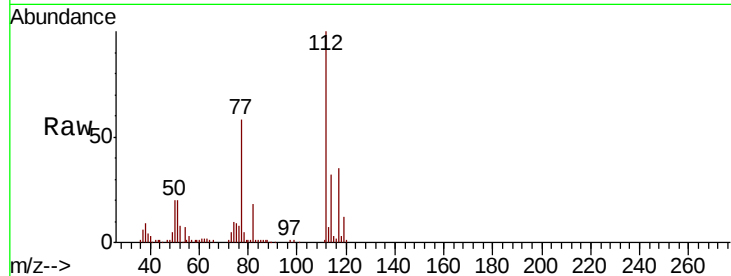




#65
Chlorobenzene
Concen: 12.552 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

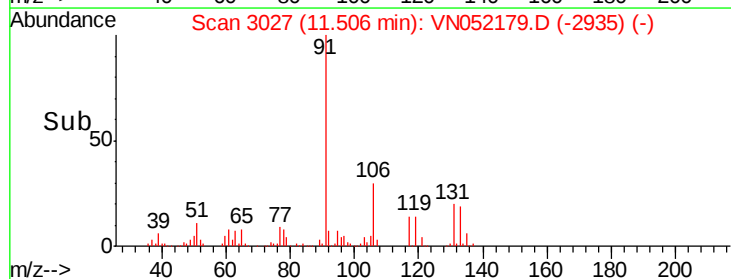
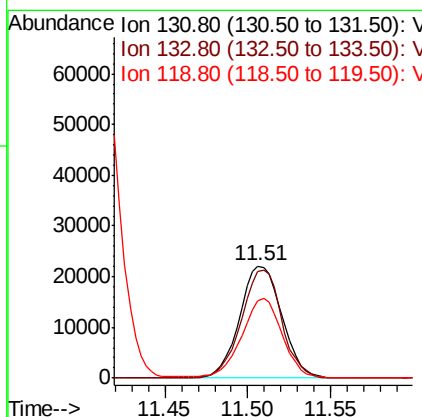
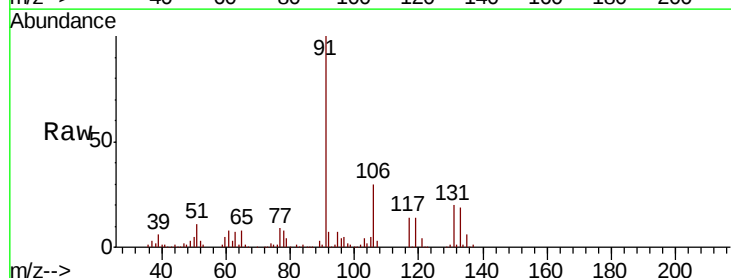
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

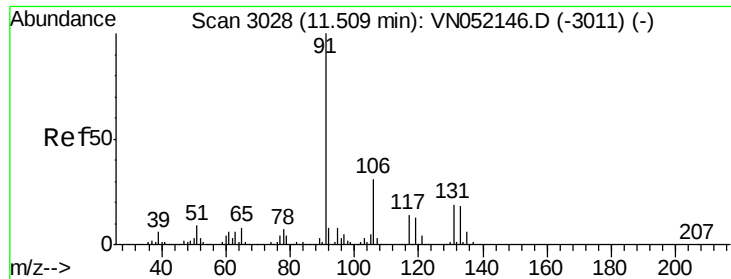
Tgt Ion:112 Resp: 114857
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 12.745 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Tgt Ion:131 Resp: 39165
Ion Ratio Lower Upper
131 100
133 91.9 47.6 142.9
119 68.4 34.4 103.2

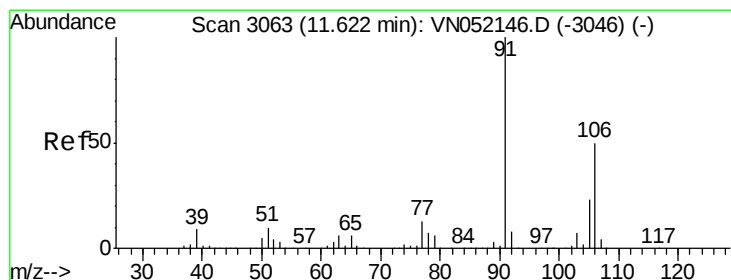
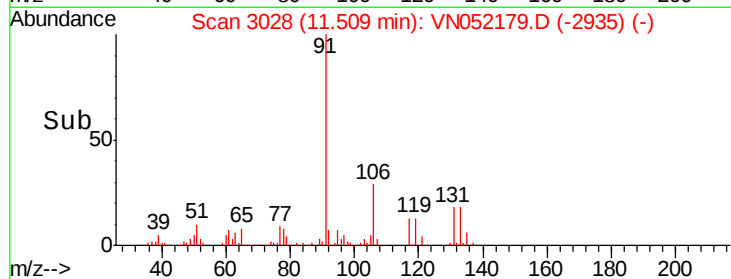
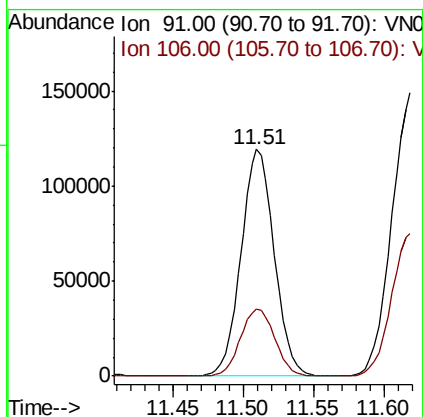
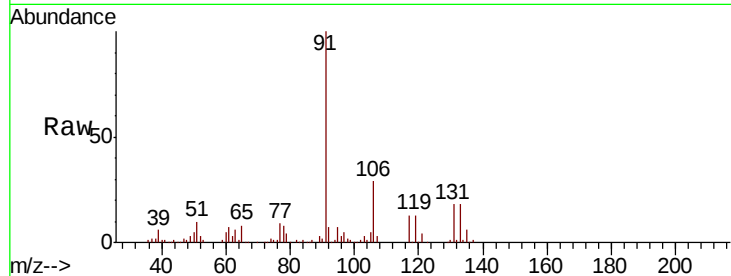




#67
Ethyl Benzene
Concen: 12.953 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

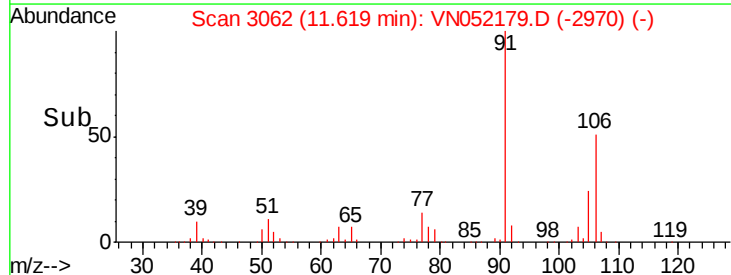
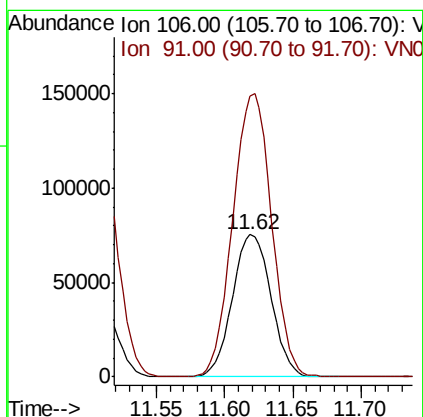
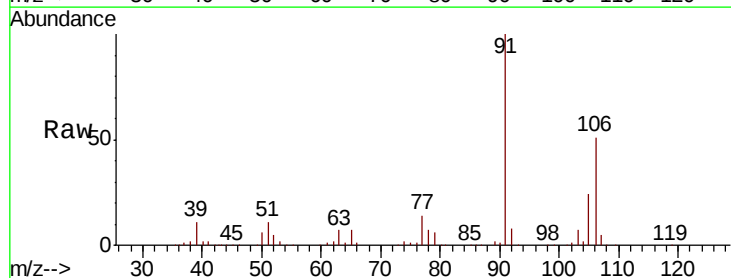
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

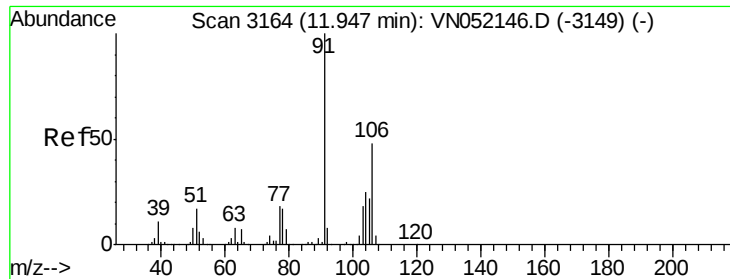
Tgt Ion: 91 Resp: 196861
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1



#68
m/p-Xylenes
Concen: 25.238 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Tgt Ion: 106 Resp: 148002
Ion Ratio Lower Upper
106 100
91 200.2 168.7 253.1

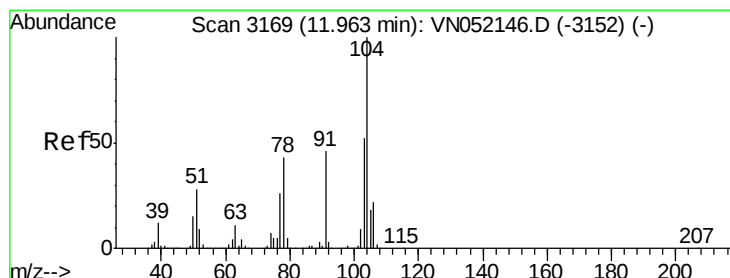
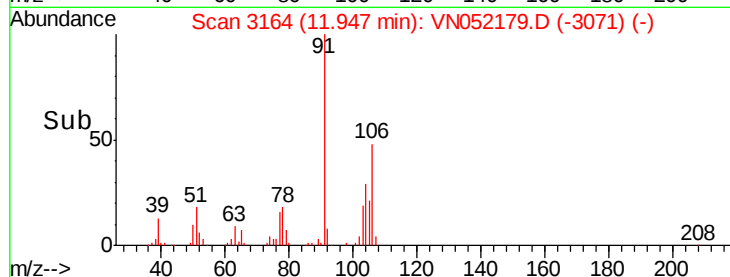
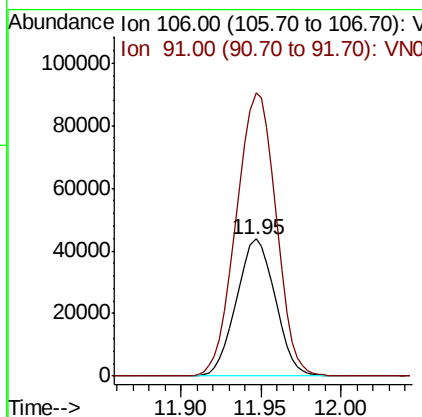
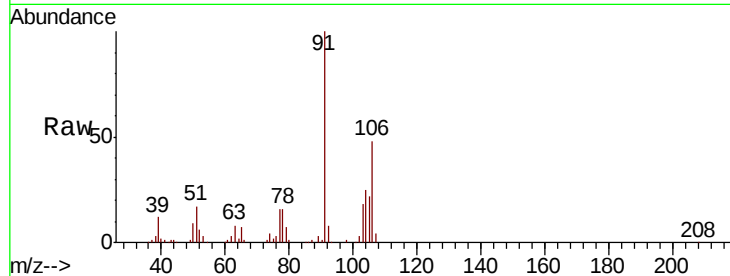




#69
o-Xylene
Concen: 12.740 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

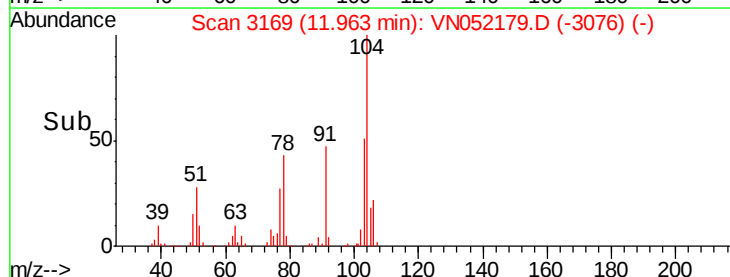
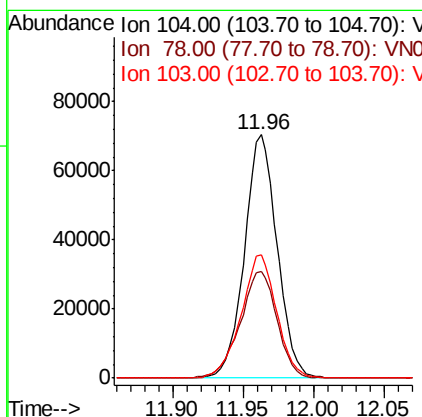
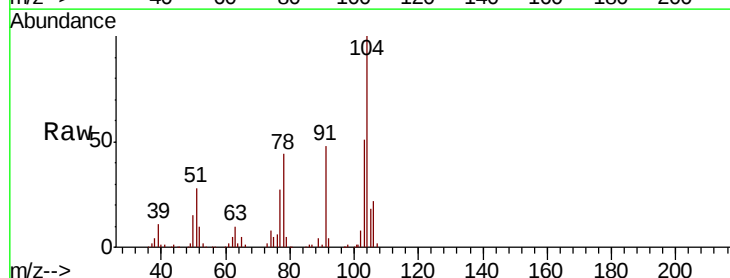
Instrument :
MSVOA_N
ClientSampled :
VN1106WBS01

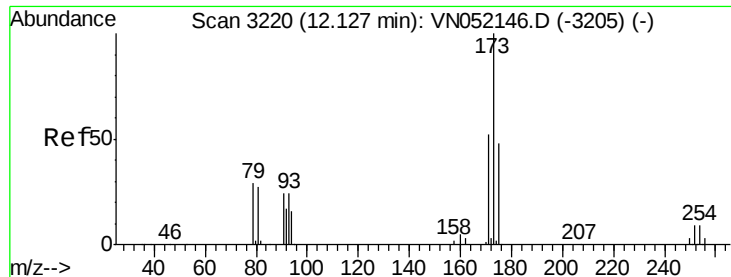
Tgt Ion:106 Resp: 72457
Ion Ratio Lower Upper
106 100
91 211.7 109.6 328.6



#70
Styrene
Concen: 12.717 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052179.D
Acq: 6 Nov 2018 9:27

Tgt Ion:104 Resp: 114489
Ion Ratio Lower Upper
104 100
78 49.4 43.0 64.6
103 54.8 45.1 67.7





#71

Bromoform

Concen: 12.403 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

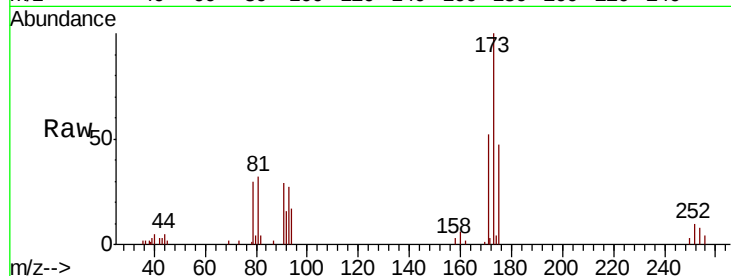
Tgt Ion:173 Resp: 20853

Ion Ratio Lower Upper

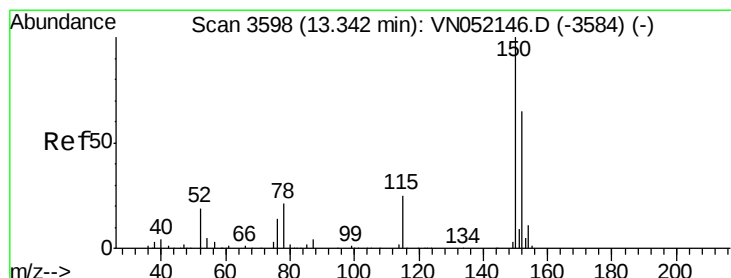
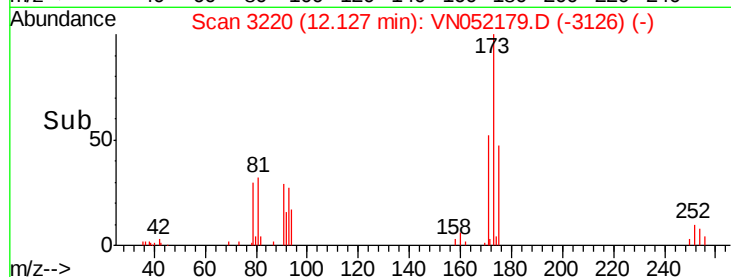
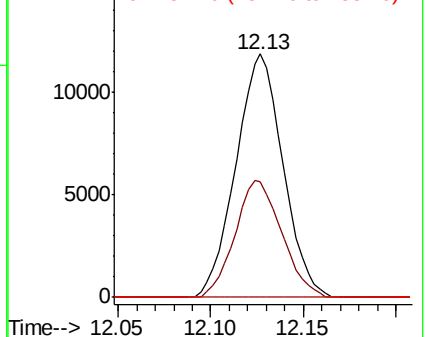
173 100

175 47.6 23.9 71.7

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

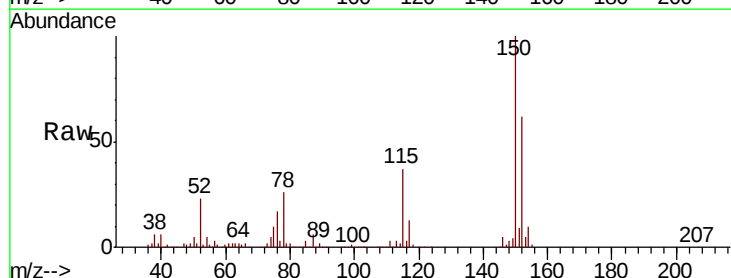
Tgt Ion:152 Resp: 190153

Ion Ratio Lower Upper

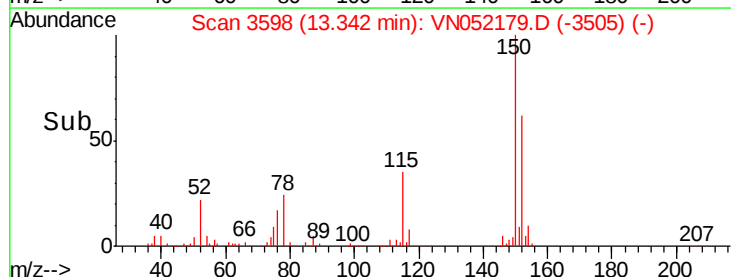
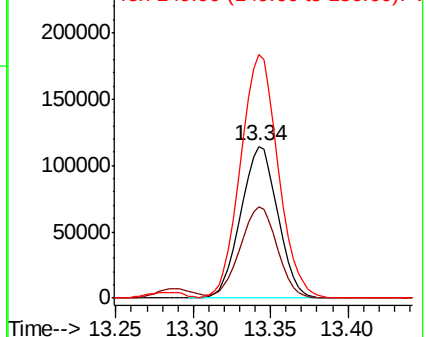
152 100

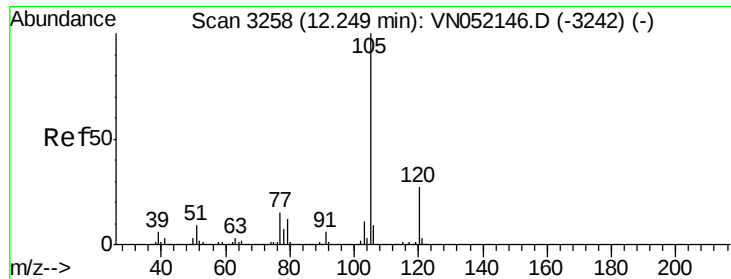
115 60.4 31.6 95.0

150 164.0 0.0 345.0



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





#73

Isopropylbenzene

Concen: 12.877 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

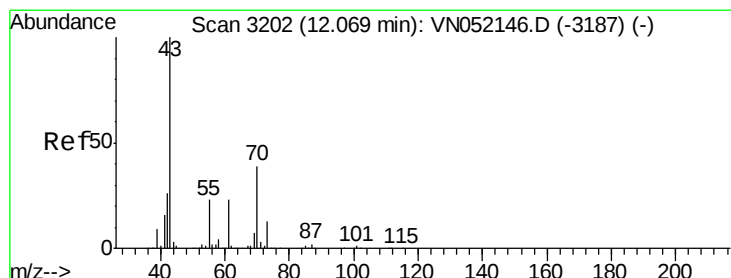
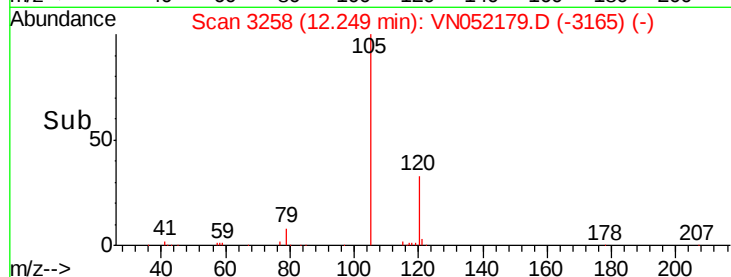
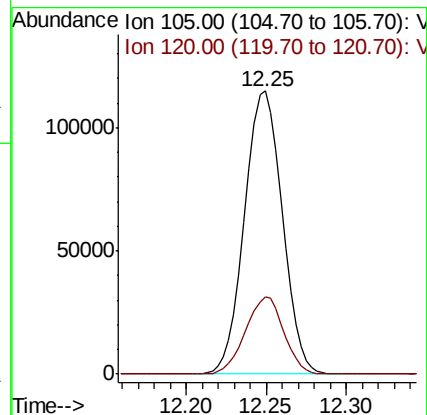
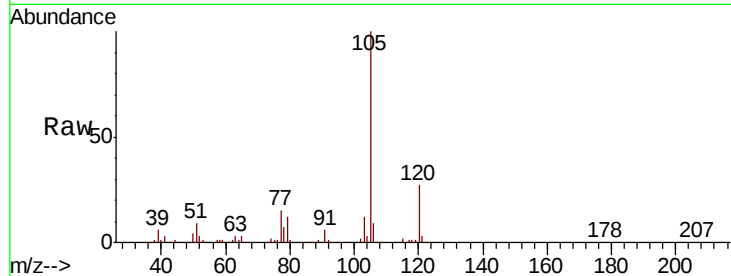
VN1106WBS01

Tgt Ion: 105 Resp: 185138

Ion Ratio Lower Upper

105 100

120 27.6 12.8 38.4



#74

N-ethyl acetate

Concen: 13.393 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Tgt Ion: 43 Resp: 59513

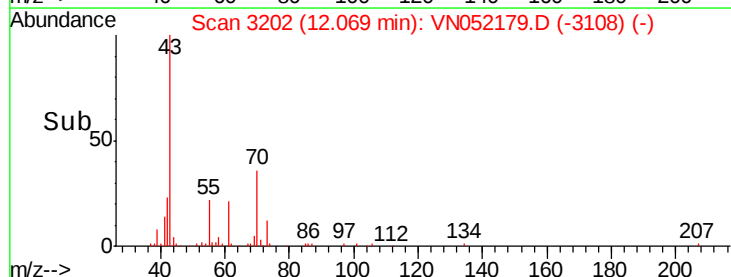
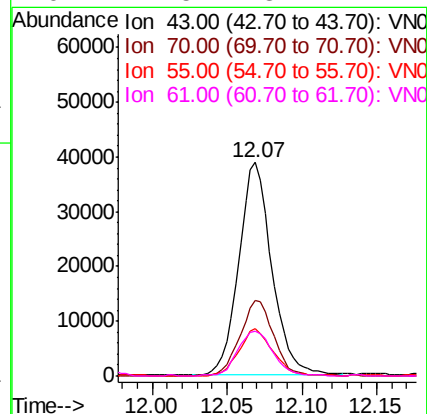
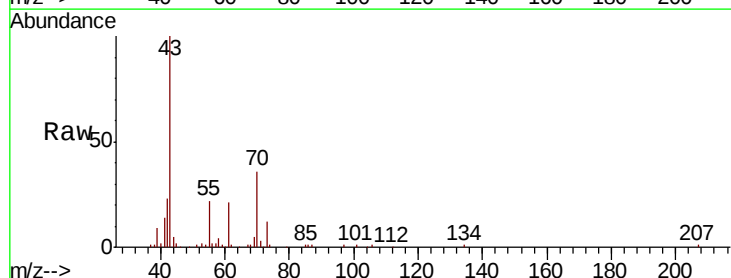
Ion Ratio Lower Upper

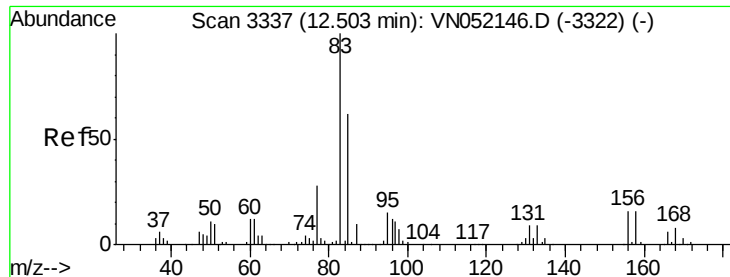
43 100

70 36.6 31.9 47.9

55 23.2 18.4 27.6

61 22.5 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 13.750 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

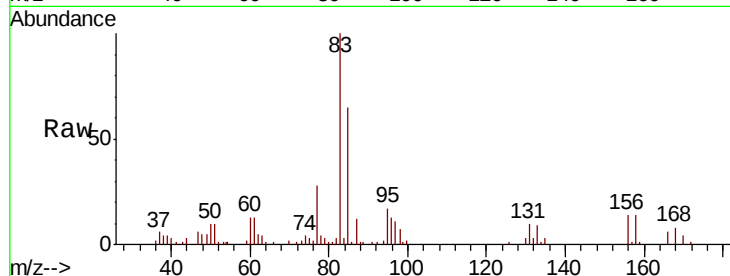
Tgt Ion: 83 Resp: 43272

Ion Ratio Lower Upper

83 100

131 10.3 4.5 13.4

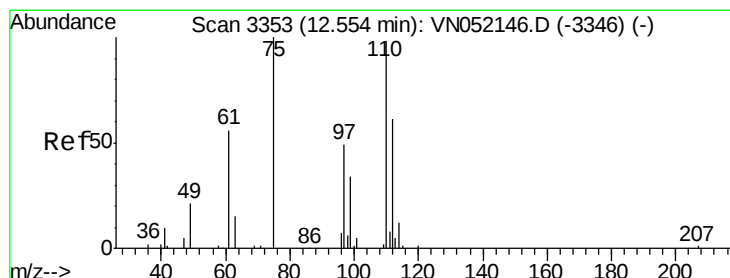
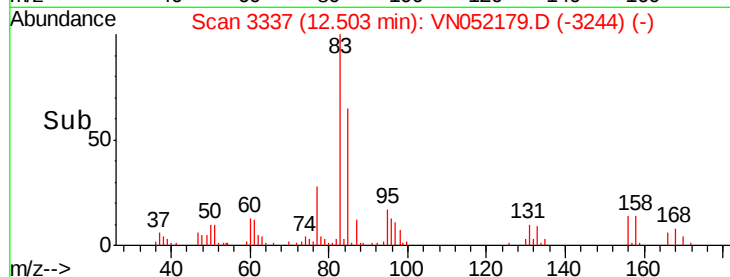
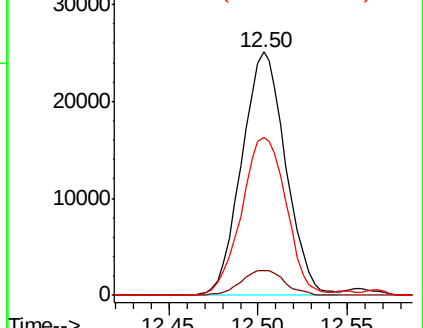
85 66.0 31.3 93.9



Abundance Ion 82.90 (82.60 to 83.60): VN052146.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN052146.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN052146.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 21.543 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN052179.D

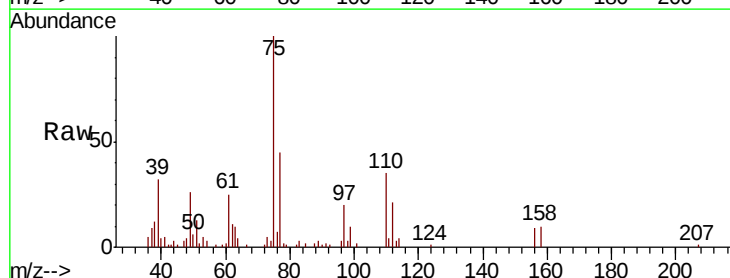
Acq: 6 Nov 2018 9:27

Tgt Ion: 75 Resp: 54146

Ion Ratio Lower Upper

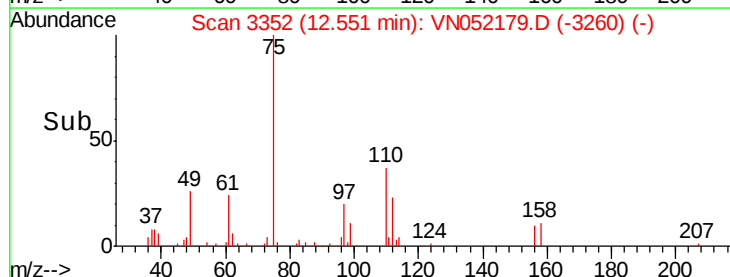
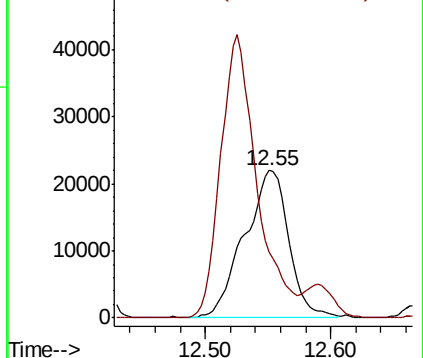
75 100

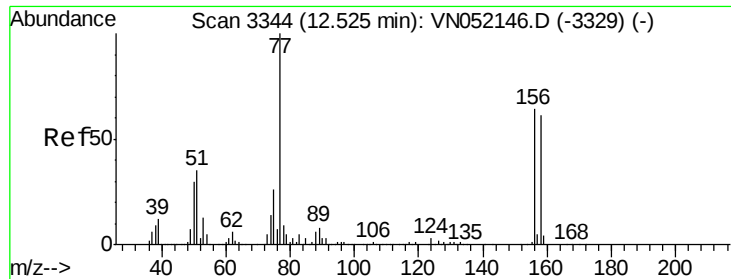
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052146.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN052146.D (-3346) (-)





#77

Bromobenzene

Concen: 12.547 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampled :

VN1106WBS01

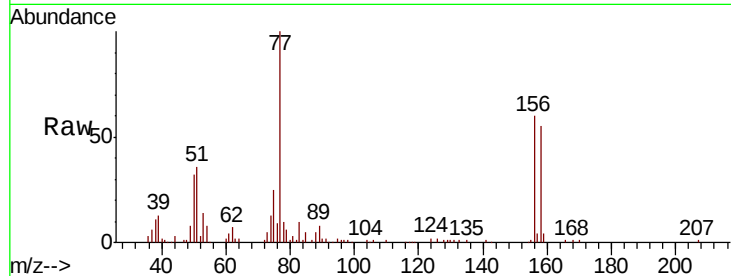
Tgt Ion:156 Resp: 43017

Ion Ratio Lower Upper

156 100

77 196.1 119.6 358.6

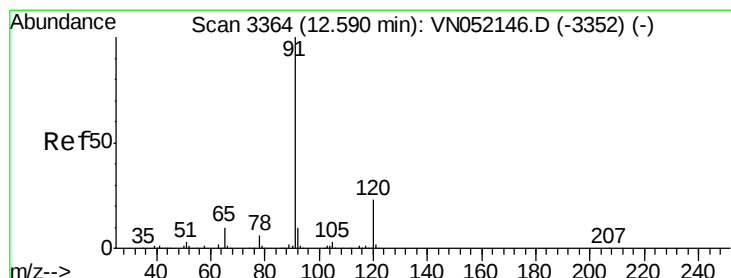
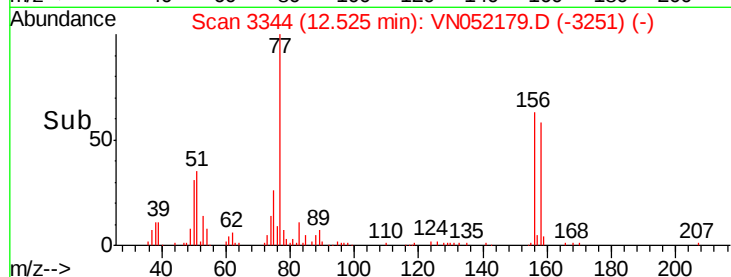
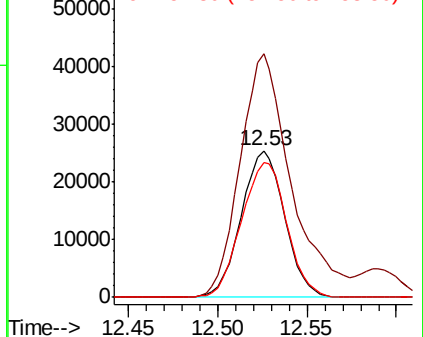
158 96.5 47.8 143.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 13.081 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052179.D

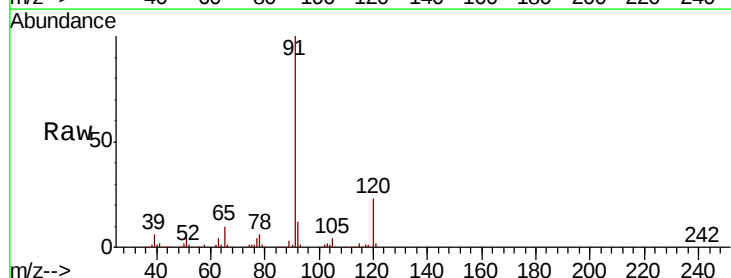
Acq: 6 Nov 2018 9:27

Tgt Ion: 91 Resp: 214930

Ion Ratio Lower Upper

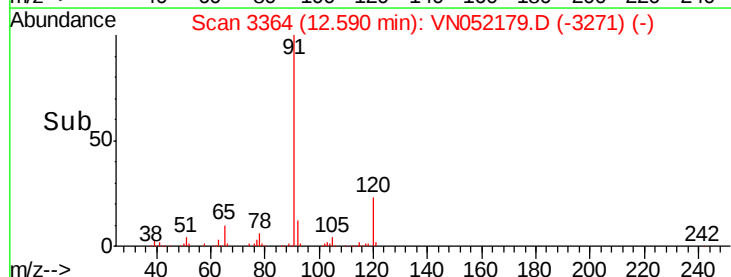
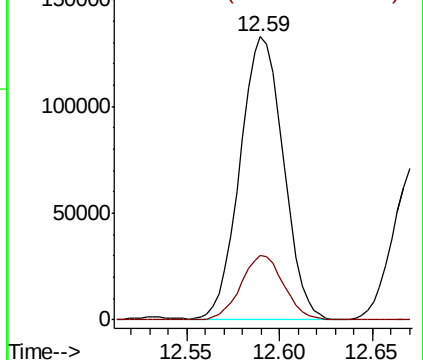
91 100

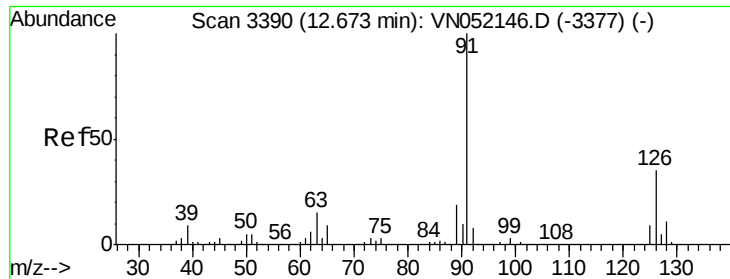
120 22.4 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 13.339 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampled :

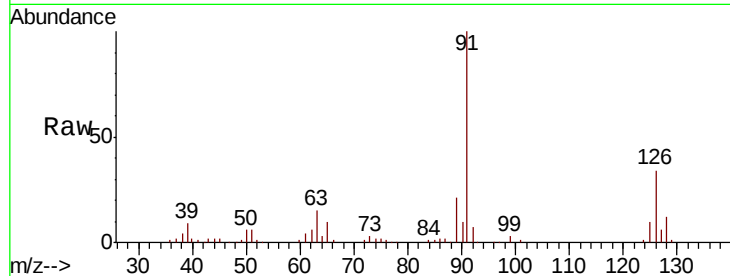
VN1106WBS01

Tgt Ion: 91 Resp: 128532

Ion Ratio Lower Upper

91 100

126 34.3 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN052146.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN052146.D (-3377) (-)

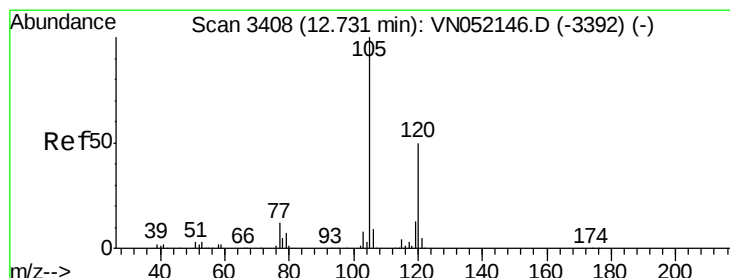
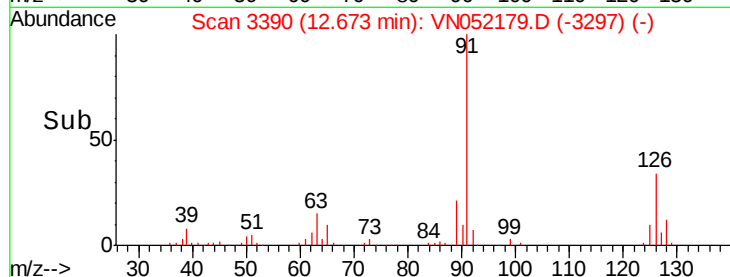
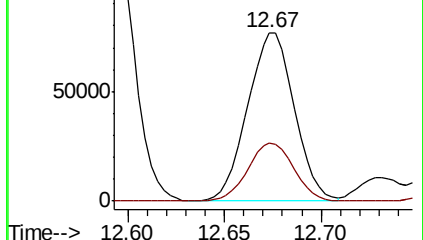
150000

100000

50000

0

12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 12.727 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052179.D

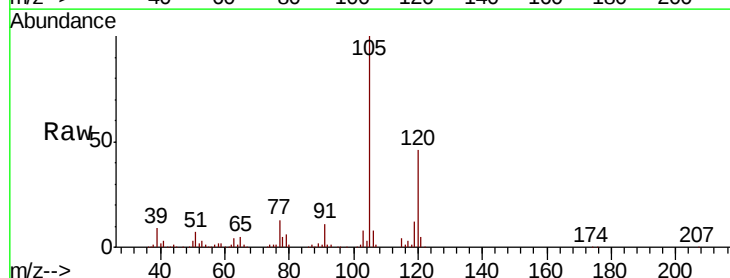
Acq: 6 Nov 2018 9:27

Tgt Ion: 105 Resp: 148111

Ion Ratio Lower Upper

105 100

120 49.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN052146.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052146.D (-3392) (-)

100000

80000

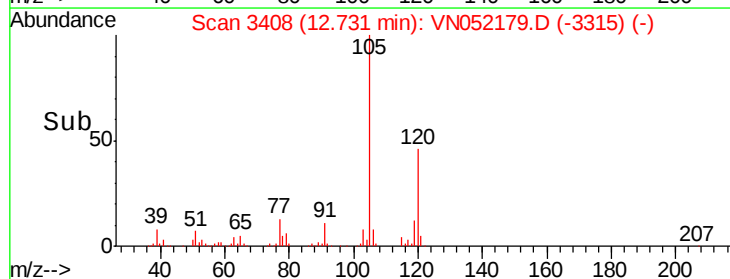
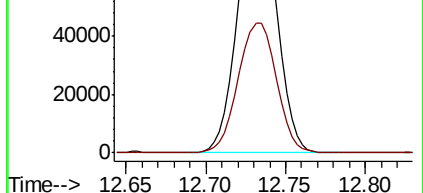
60000

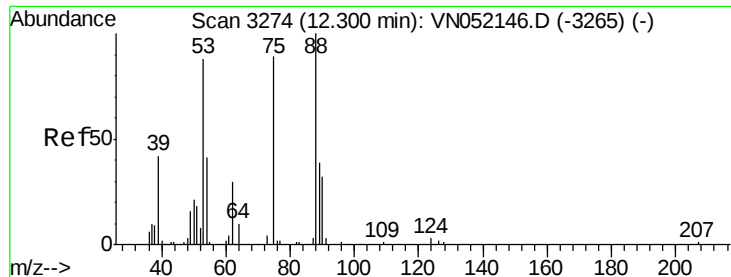
40000

20000

0

12.65 12.70 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 13.201 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

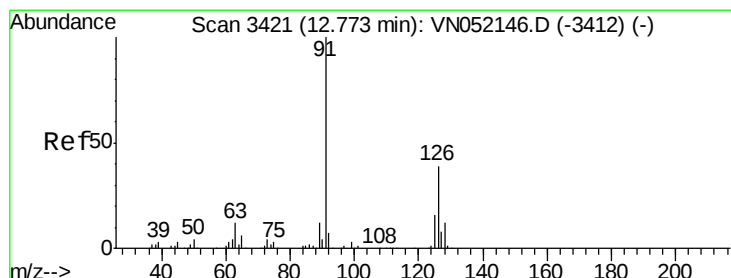
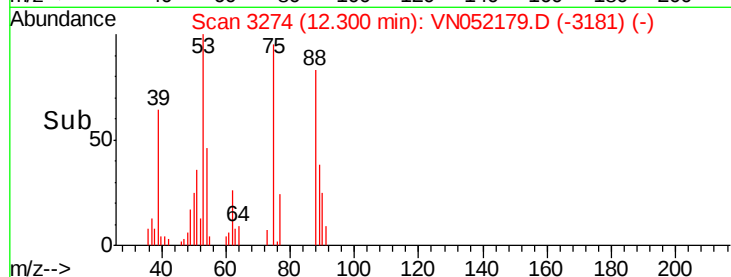
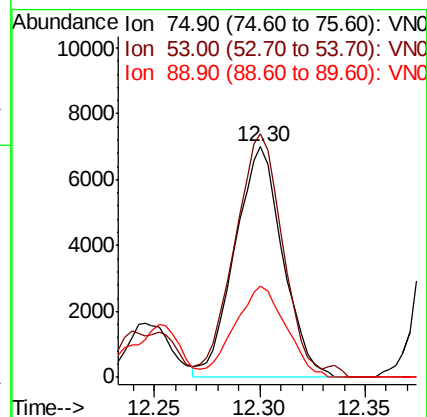
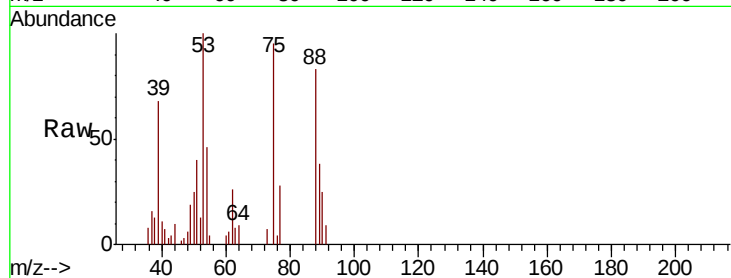
Tgt Ion: 75 Resp: 11033

Ion Ratio Lower Upper

75 100

53 98.3 81.8 122.6

89 42.4 36.6 54.8



#82

4-Chlorotoluene

Concen: 13.201 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052179.D

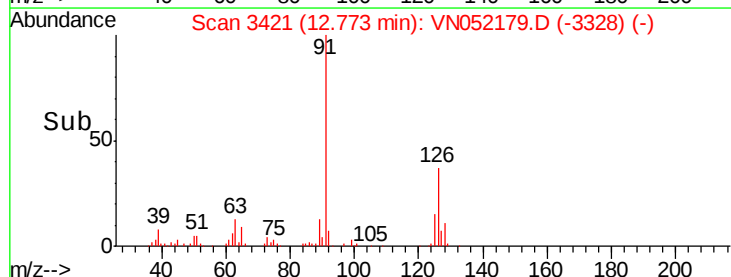
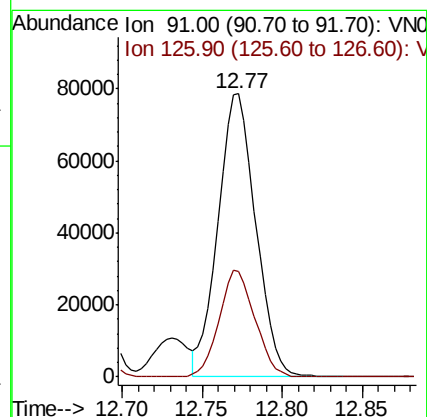
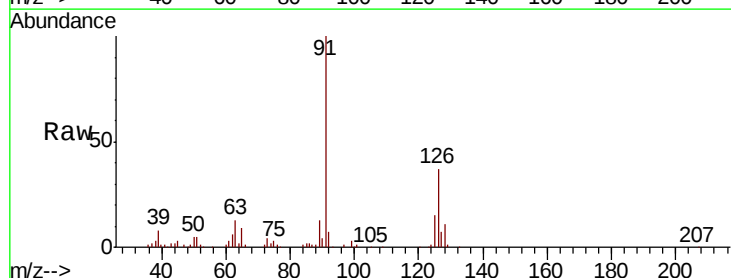
Acq: 6 Nov 2018 9:27

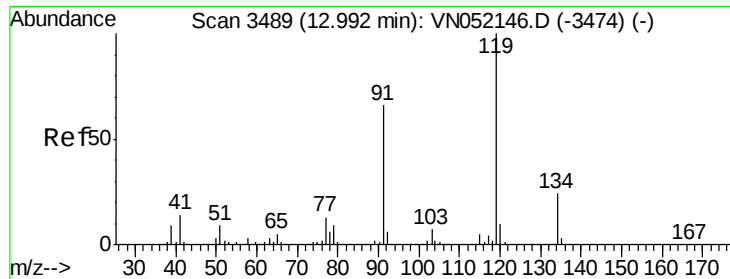
Tgt Ion: 91 Resp: 127846

Ion Ratio Lower Upper

91 100

126 35.5 15.7 47.1

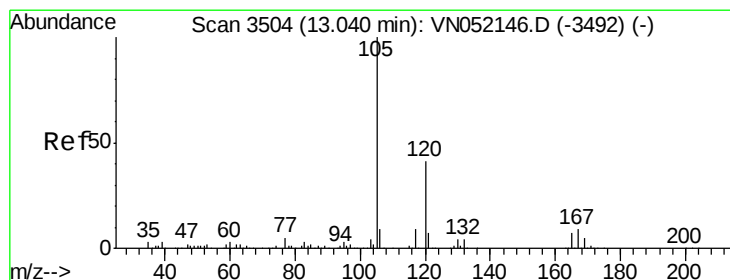
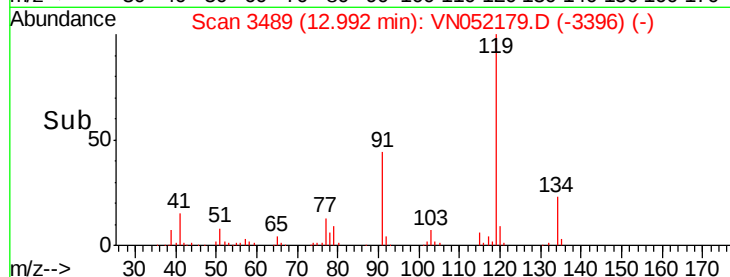
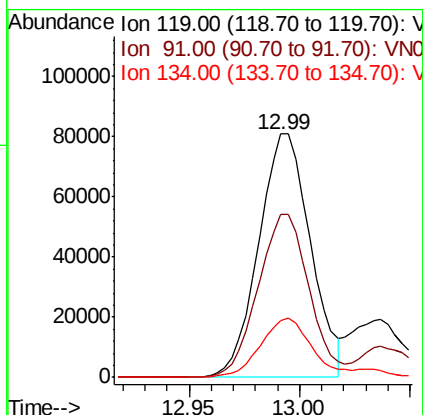
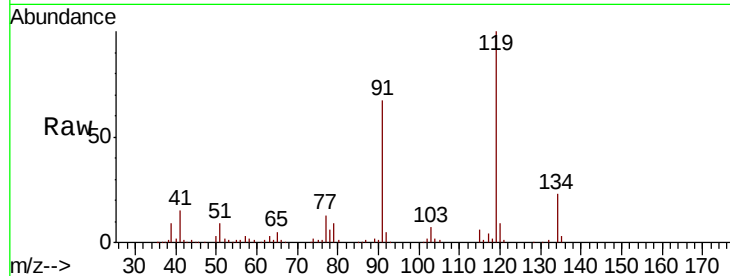




#83
 tert-Butylbenzene
 Concen: 12.823 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

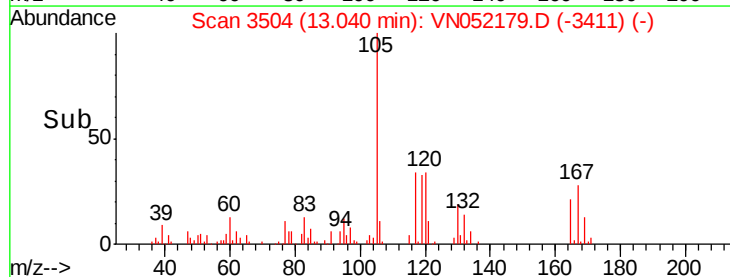
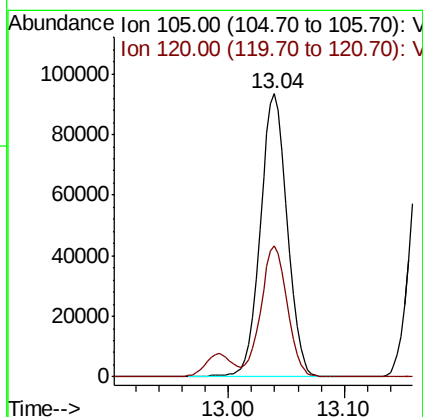
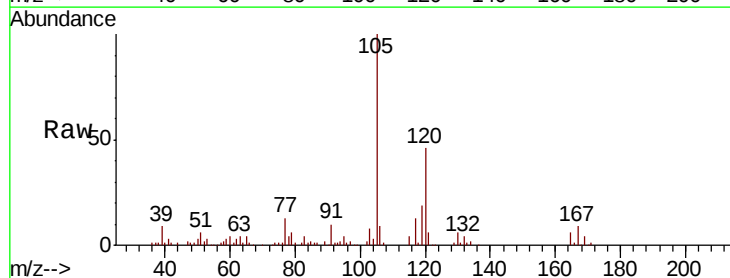
Instrument :
 MSVOA_N
 ClientSampled :
 VN1106WBS01

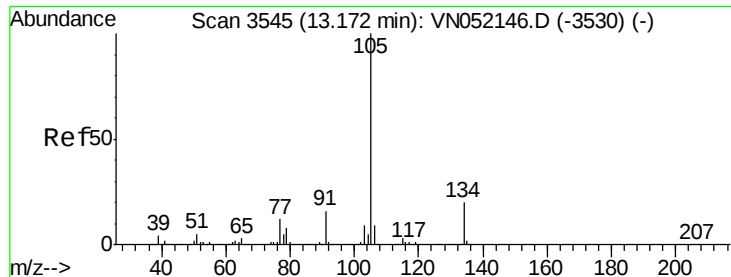
Tgt Ion:119 Resp: 131767
 Ion Ratio Lower Upper
 119 100
 91 66.0 36.6 109.9
 134 24.0 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 13.011 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

Tgt Ion:105 Resp: 150733
 Ion Ratio Lower Upper
 105 100
 120 45.5 21.9 65.5

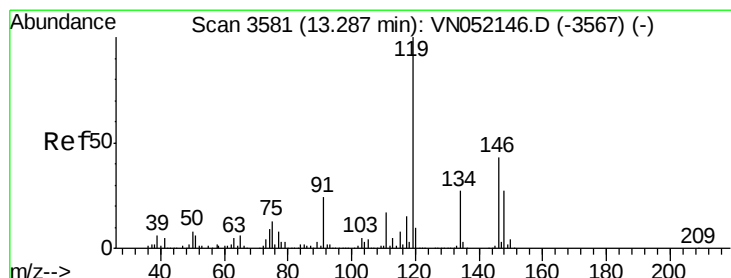
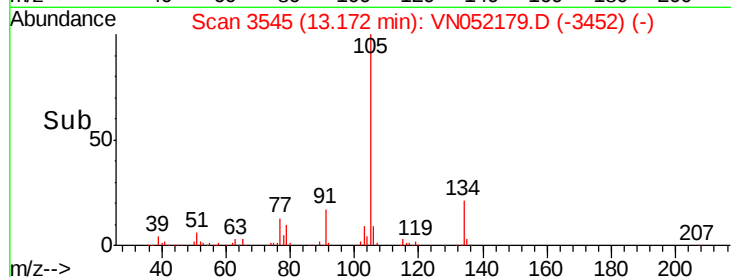
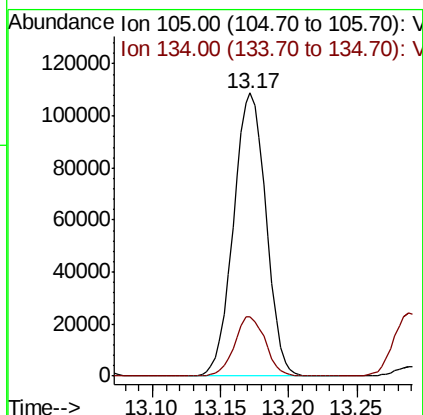
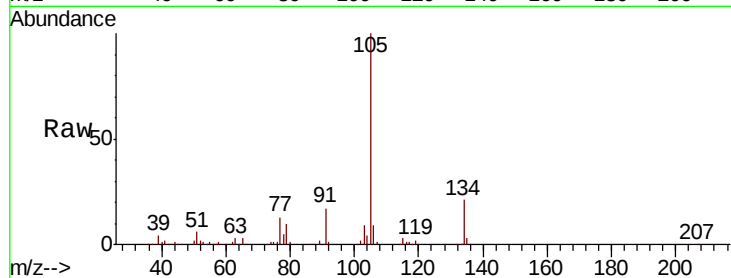




#85
 sec-Butylbenzene
 Concen: 12.946 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

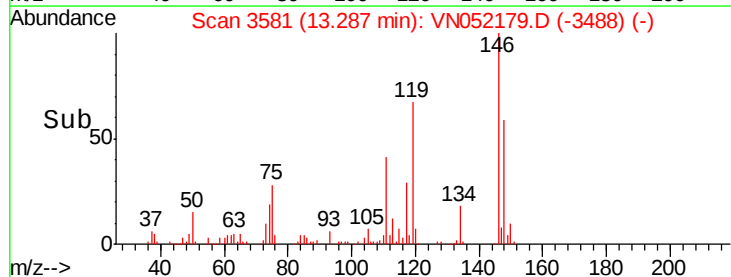
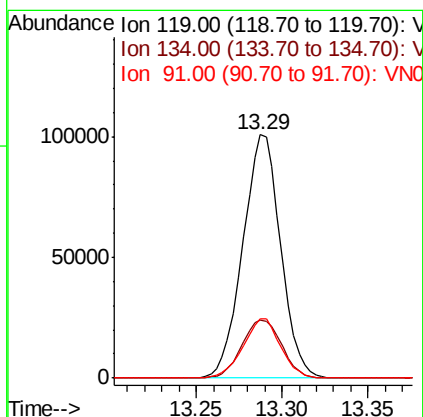
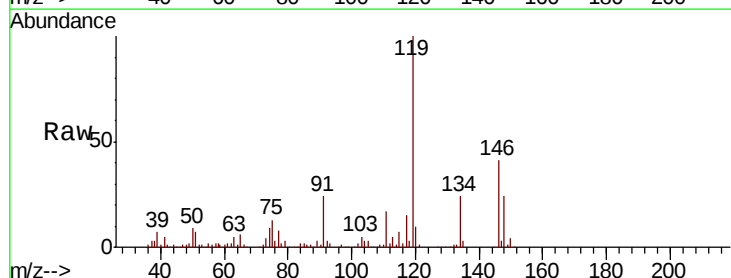
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

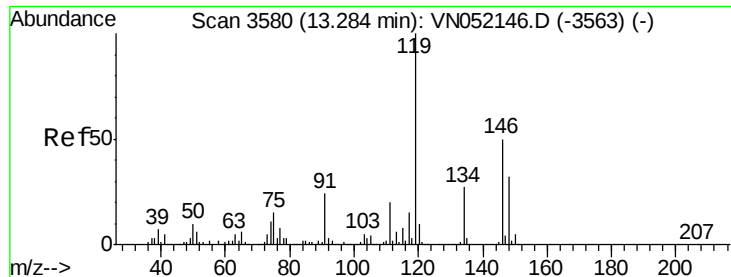
Tgt Ion:105 Resp: 179884
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 13.118 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

Tgt Ion:119 Resp: 153424
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 24.1 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 12.646 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

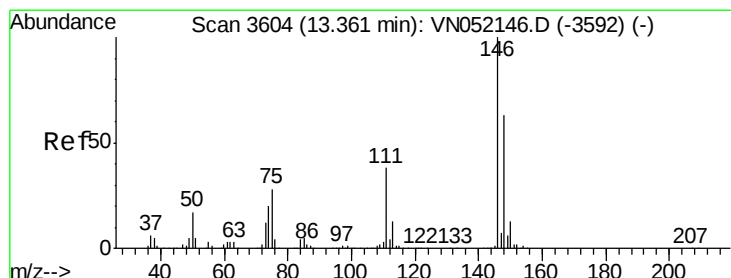
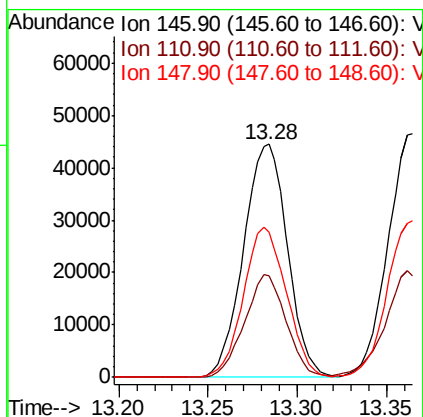
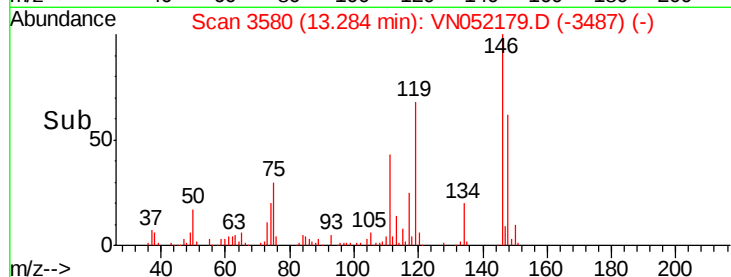
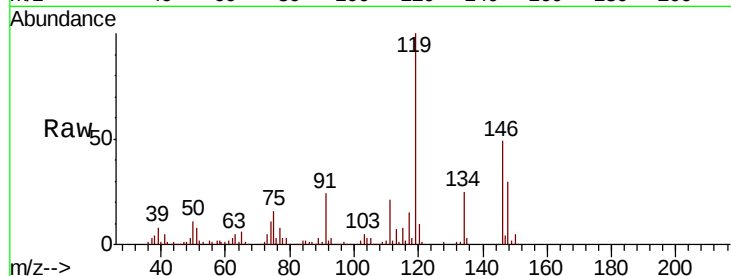
Tgt Ion:146 Resp: 76619

Ion Ratio Lower Upper

146 100

111 41.6 22.9 68.8

148 63.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 12.639 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

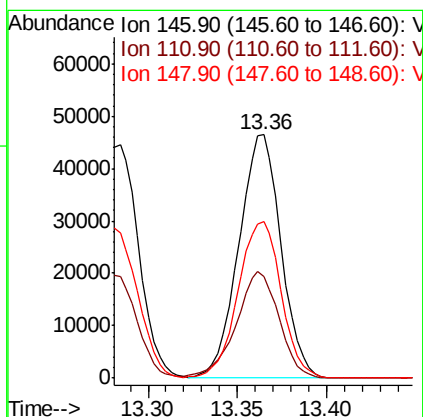
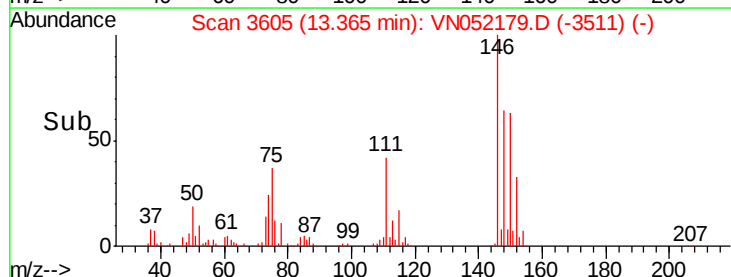
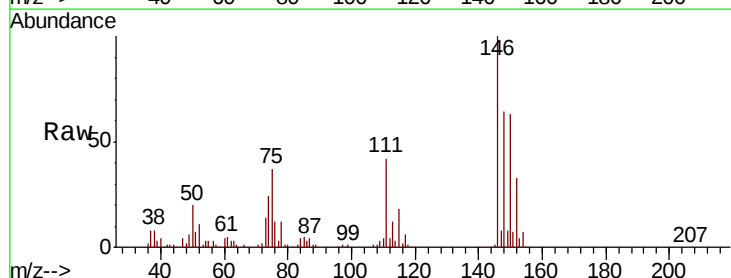
Tgt Ion:146 Resp: 76541

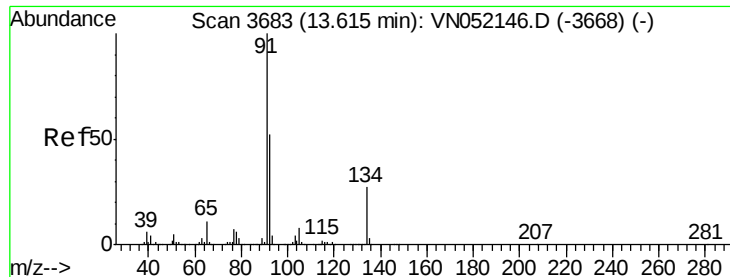
Ion Ratio Lower Upper

146 100

111 44.4 21.9 65.8

148 65.8 32.6 98.0





#89

n-Butylbenzene

Concen: 12.811 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampled :

VN1106WBS01

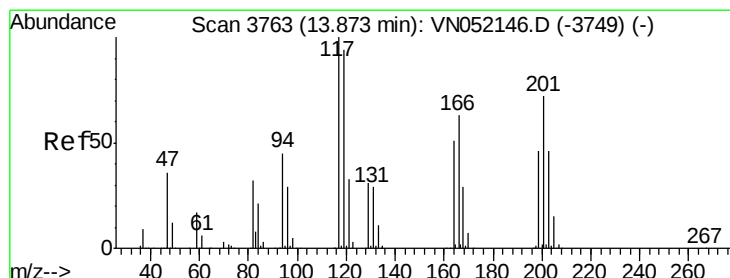
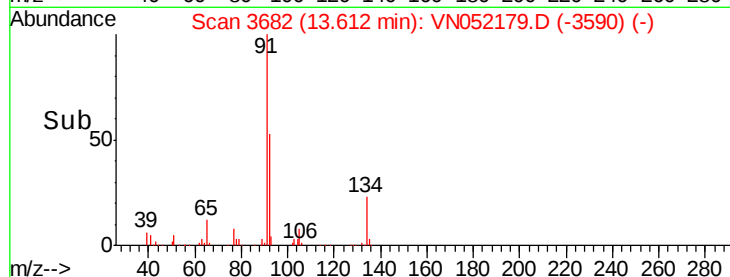
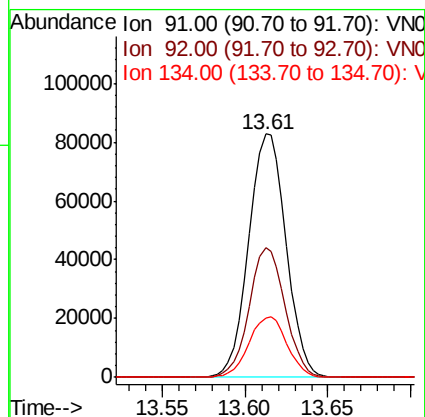
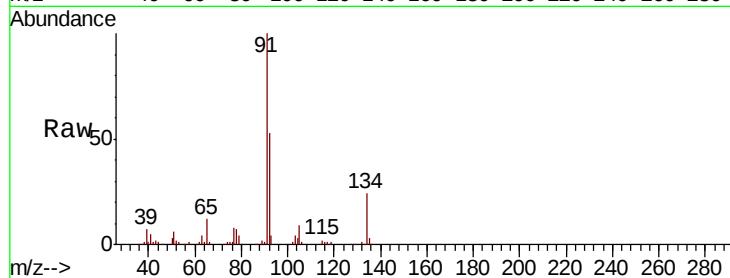
Tgt Ion: 91 Resp: 129742

Ion Ratio Lower Upper

91 100

92 51.1 25.3 75.8

134 25.3 11.2 33.5



#90

Hexachloroethane

Concen: 11.841 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN052179.D

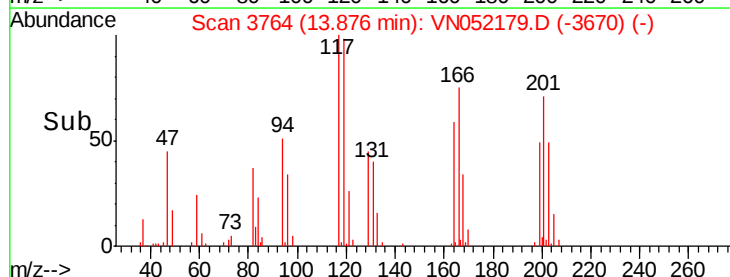
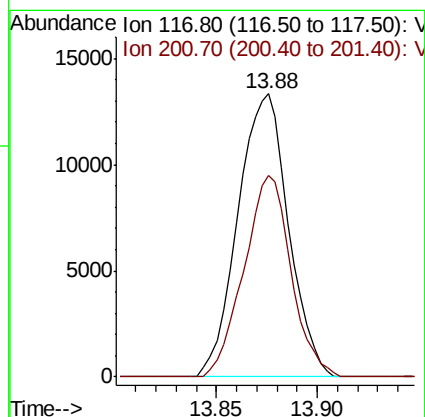
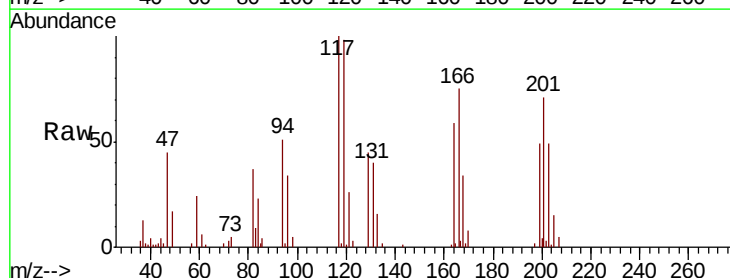
Acq: 6 Nov 2018 9:27

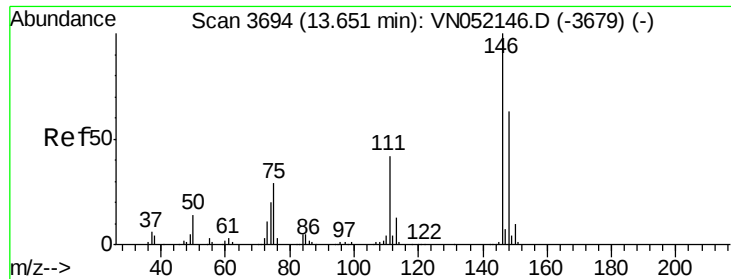
Tgt Ion: 117 Resp: 23340

Ion Ratio Lower Upper

117 100

201 66.4 31.1 93.5

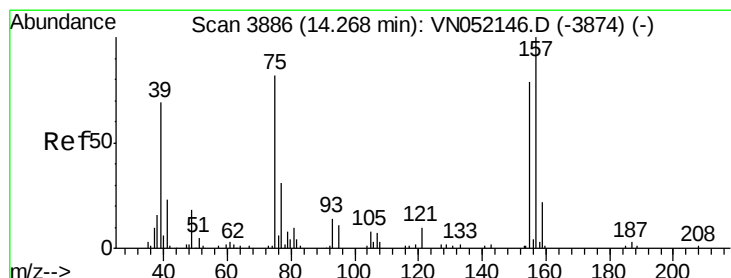
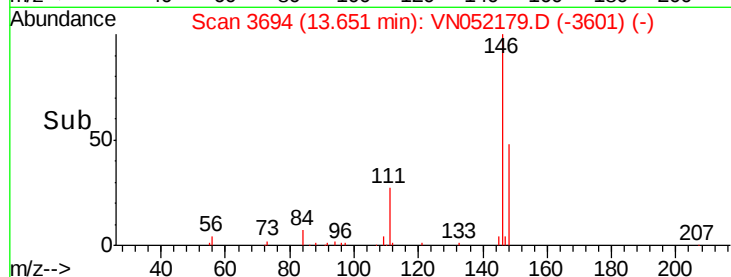
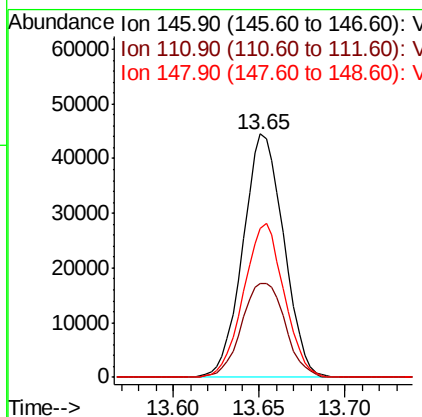
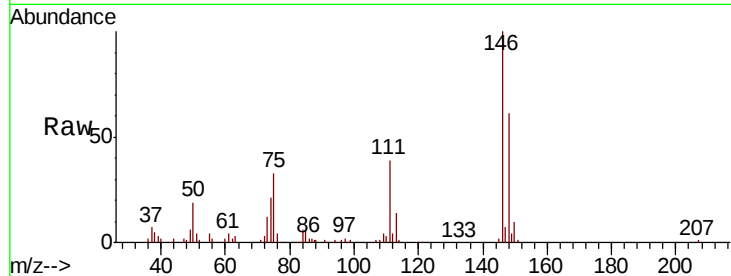




#91
 1,2-Dichlorobenzene
 Concen: 12.889 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

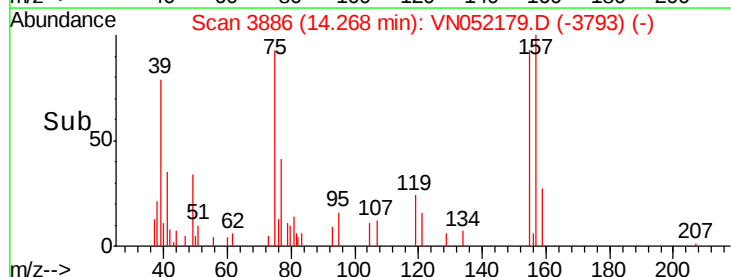
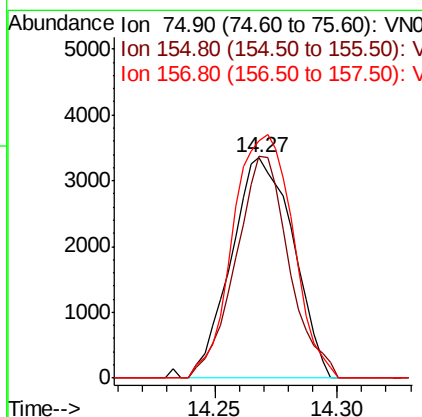
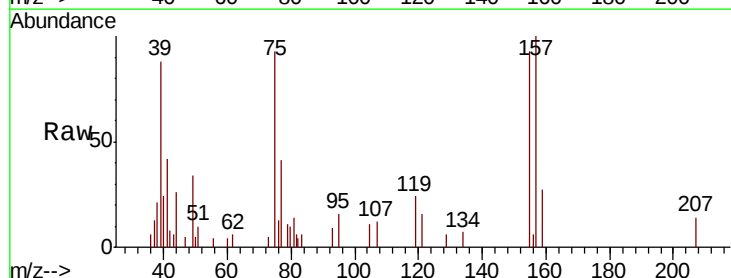
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

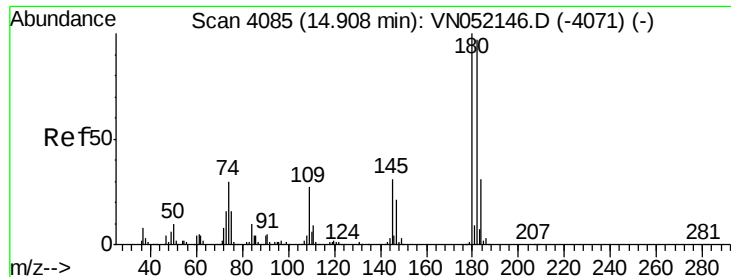
Tgt Ion: 146 Resp: 73286
 Ion Ratio Lower Upper
 146 100
 111 41.2 22.5 67.5
 148 62.6 30.9 92.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.221 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

Tgt Ion: 75 Resp: 5908
 Ion Ratio Lower Upper
 75 100
 155 86.7 34.0 102.0
 157 107.1 42.1 126.4

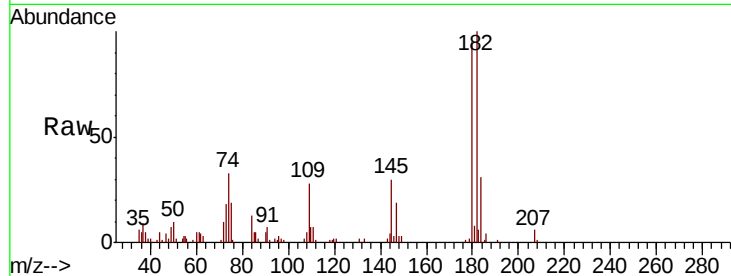




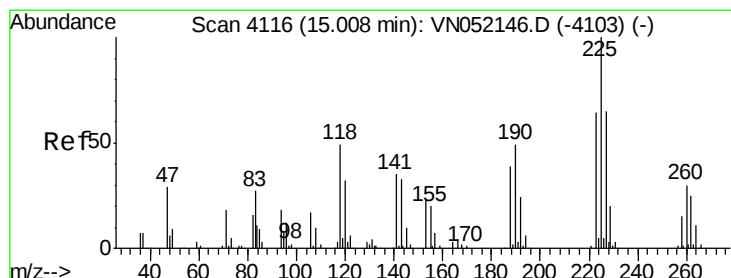
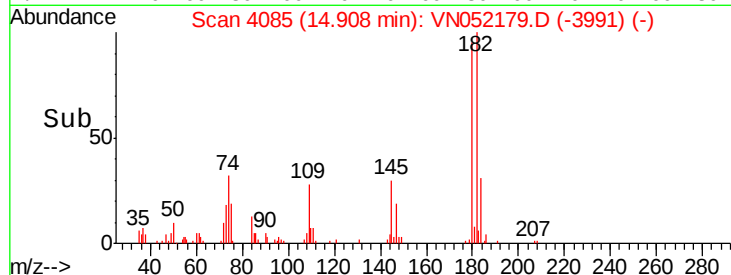
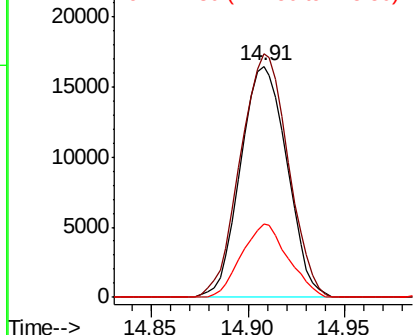
#93
 1,2,4-Trichlorobenzene
 Concen: 12.066 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Tgt Ion:180 Resp: 27594
 Ion Ratio Lower Upper
 180 100
 182 108.3 49.1 147.4
 145 31.6 16.4 49.2

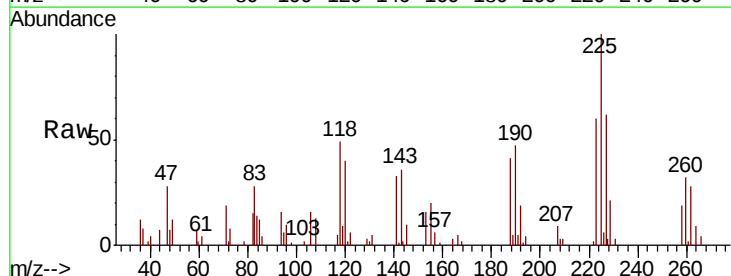


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

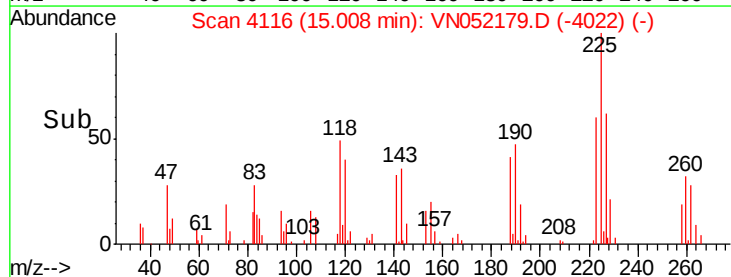
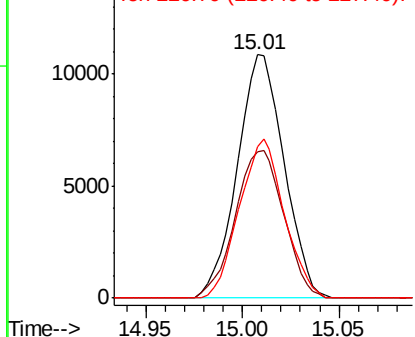


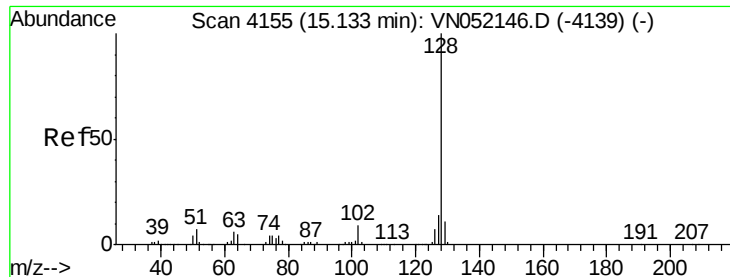
#94
 Hexachlorobutadiene
 Concen: 13.406 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN052179.D
 Acq: 6 Nov 2018 9:27

Tgt Ion:225 Resp: 18247
 Ion Ratio Lower Upper
 225 100
 223 62.7 33.1 99.3
 227 62.7 32.6 97.8



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





#95

Naphthalene

Concen: 12.010 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

Instrument :

MSVOA_N

ClientSampled :

VN1106WBS01

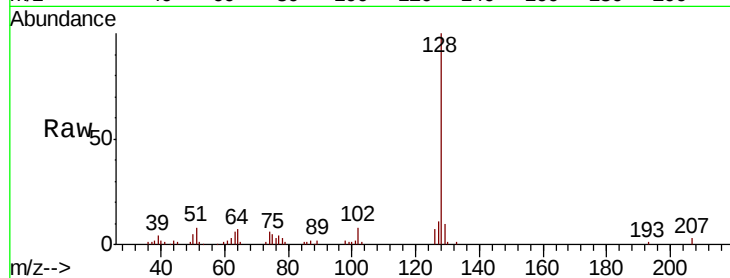
Tgt Ion:128 Resp: 69935

Ion Ratio Lower Upper

128 100

127 12.3 10.5 15.7

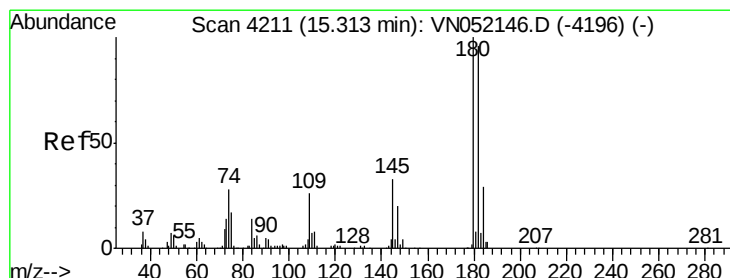
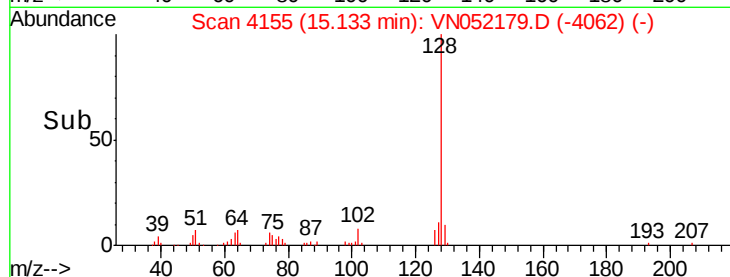
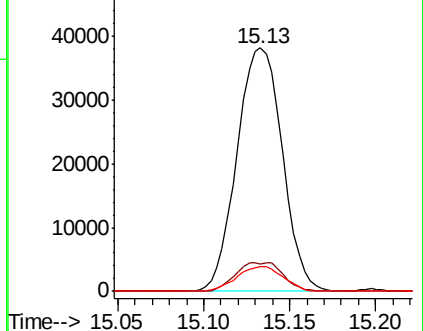
129 10.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 13.400 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN052179.D

Acq: 6 Nov 2018 9:27

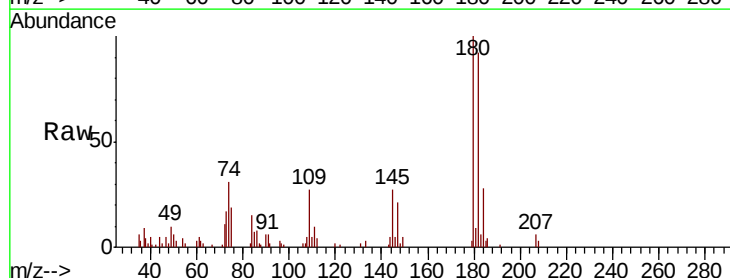
Tgt Ion:180 Resp: 27915

Ion Ratio Lower Upper

180 100

182 91.3 47.2 141.6

145 29.0 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

