

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055414.D
 Acq On : 6 May 2019 13:14
 Operator : JC/SP
 Sample : VN0506WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBSD01

Quant Time: May 07 01:08:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	387926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	644065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	534373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201000	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	261813	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.59	113	209964	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.09	98	734847	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.40	95	238418	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	91212	19.191	ug/l	98
3) Chloromethane	2.06	50	100568	17.088	ug/l	100
4) Vinyl Chloride	2.19	62	91052	19.193	ug/l	99
5) Bromomethane	2.57	94	51033	20.308	ug/l	98
6) Chloroethane	2.71	64	51699	20.116	ug/l	99
7) Trichlorofluoromethane	3.02	101	135311	20.058	ug/l	97
8) Diethyl Ether	3.41	74	48067	20.366	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	79221	19.721	ug/l	99
10) Methyl Iodide	3.96	142	105639	18.686	ug/l	99
11) Tert butyl alcohol	4.79	59	30474	104.882	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	76276	19.905	ug/l	99
13) Acrolein	3.62	56	15332	67.568	ug/l	98
14) Allyl chloride	4.33	41	157722	19.873	ug/l	98
15) Acrylonitrile	4.99	53	172717	105.755	ug/l	99
16) Acetone	3.82	43	141152	89.264	ug/l	99
17) Carbon Disulfide	4.06	76	171353	17.134	ug/l	97
18) Methyl Acetate	4.33	43	89749	22.734	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	231850	21.522	ug/l	100
20) Methylene Chloride	4.56	84	90923	18.838	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	80650	19.872	ug/l	95
22) Diisopropyl ether	5.95	45	337584	21.408	ug/l	94
23) Vinyl Acetate	5.90	43	1077583	104.264	ug/l	100
24) 1,1-Dichloroethane	5.85	63	172373	20.516	ug/l	99
25) 2-Butanone	6.84	43	202809	100.288	ug/l	99
26) 2,2-Dichloropropane	6.83	77	110523	19.049	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	95091	20.604	ug/l	98
28) Bromochloromethane	7.20	49	83459	19.706	ug/l	97
29) Tetrahydrofuran	7.22	42	144786	111.811	ug/l	96
30) Chloroform	7.37	83	163376	20.512	ug/l	100
31) Cyclohexane	7.66	56	153352	19.210	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	130473	20.184	ug/l	99
36) 1,1-Dichloropropene	7.79	75	111835	18.128	ug/l	99
37) Ethyl Acetate	6.93	43	90741	19.192	ug/l	99
38) Carbon Tetrachloride	7.78	117	109255	18.359	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	118057	17.999	ug/l	96
40) Benzene	8.04	78	352349	19.375	ug/l	99
41) Methacrylonitrile	7.18	41	52454	20.935	ug/l	94
42) 1,2-Dichloroethane	8.13	62	127228	19.752	ug/l	99
43) Isopropyl Acetate	8.17	43	159577	21.001	ug/l	99
44) Trichloroethene	8.84	130	87821	18.942	ug/l	100
45) 1,2-Dichloropropane	9.12	63	104668	19.955	ug/l	98
46) Dibromomethane	9.21	93	55011	19.187	ug/l	100
47) Bromodichloromethane	9.40	83	120576	19.604	ug/l	100
48) Methyl methacrylate	9.20	41	73997	19.810	ug/l	98
49) 1,4-Dioxane	9.20	88	15528	402.135	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	440738	103.024	ug/l	99
52) Toluene	10.16	92	200282	19.194	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	104291	19.532	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	126622	19.020	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	77227	19.930	ug/l	97
56) Ethyl methacrylate	10.43	69	96346	20.201	ug/l	99
57) 1,3-Dichloropropane	10.71	76	137207	20.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	100390	76.864	ug/l	100
59) 2-Hexanone	10.75	43	260812	97.438	ug/l	99
60) Dibromochloromethane	10.90	129	78514	19.826	ug/l	99
61) 1,2-Dibromoethane	11.00	107	70336	19.639	ug/l	99
64) Tetrachloroethene	10.63	164	87362	19.991	ug/l	99
65) Chlorobenzene	11.43	112	204308	19.555	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	76762	18.764	ug/l	97
67) Ethyl Benzene	11.51	91	378686	20.072	ug/l	99
68) m/p-Xylenes	11.62	106	268799	39.915	ug/l	98
69) o-Xylene	11.95	106	134057	20.084	ug/l	100
70) Styrene	11.96	104	213943	20.876	ug/l	99
71) Bromoform	12.13	173	46947	20.681	ug/l #	99
73) Isopropylbenzene	12.25	105	362245	20.803	ug/l	100
74) N-amyl acetate	12.07	43	95791	18.570	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	90960	20.995	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	105779	27.163	ug/l #	100
77) Bromobenzene	12.53	156	82184	20.115	ug/l	99
78) n-propylbenzene	12.59	91	386202	18.705	ug/l	100
79) 2-Chlorotoluene	12.67	91	244139	20.860	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	294268	18.674	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	19446	18.334	ug/l	89
82) 4-Chlorotoluene	12.77	91	227040	18.912	ug/l	97
83) tert-Butylbenzene	12.99	119	248852	20.600	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	273297	19.393	ug/l	100
85) sec-Butylbenzene	13.17	105	318783	18.613	ug/l	100
86) p-Isopropyltoluene	13.29	119	266041	18.899	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	127788	18.999	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	124014	19.579	ug/l	99
89) n-Butylbenzene	13.61	91	179369	17.932	ug/l	99
90) Hexachloroethane	13.87	117	43257	18.412	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	133949	20.093	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12303	23.266	ug/l	94

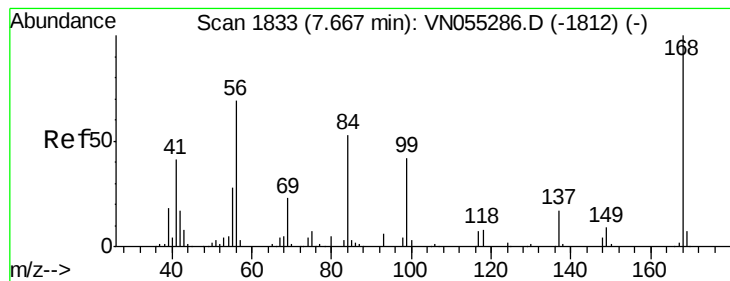
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	36210	16.176	ug/l	98
94) Hexachlorobutadiene	15.01	225	44800	20.693	ug/l	99
95) Naphthalene	15.13	128	80787	16.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	41448	17.790	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: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

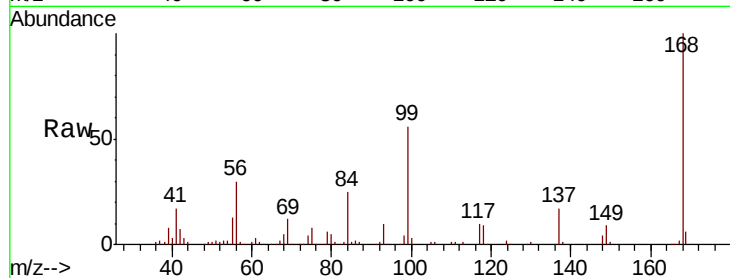
VN0506WBSD01

Tot Ion:168 Resp: 387926

Ion Ratio Lower Upper

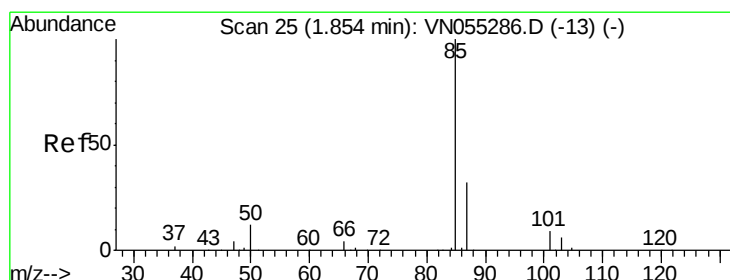
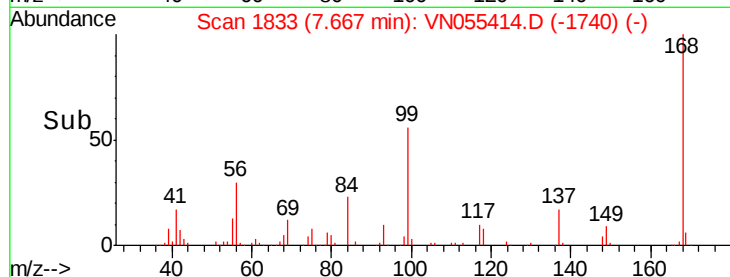
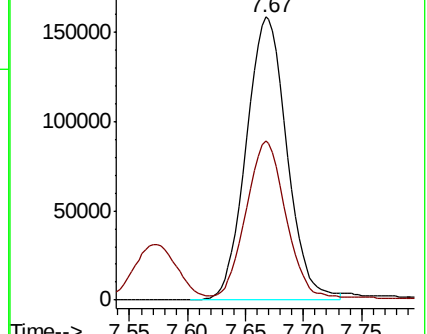
168 100

99 54.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.191 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055414.D

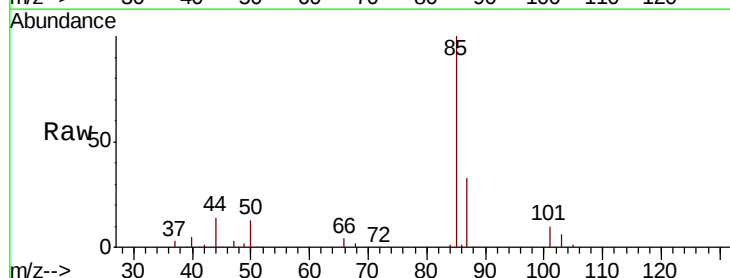
Acq: 6 May 2019 13:14

Tgt Ion: 85 Resp: 91212

Ion Ratio Lower Upper

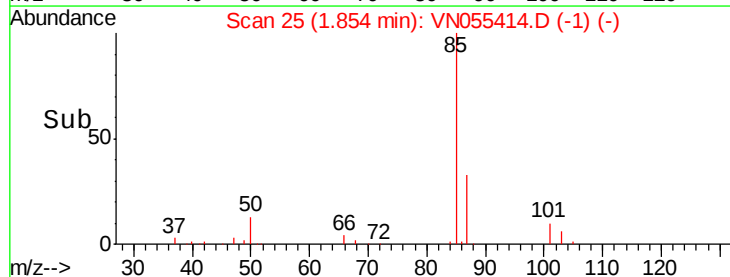
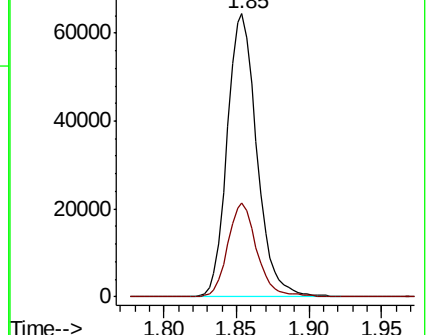
85 100

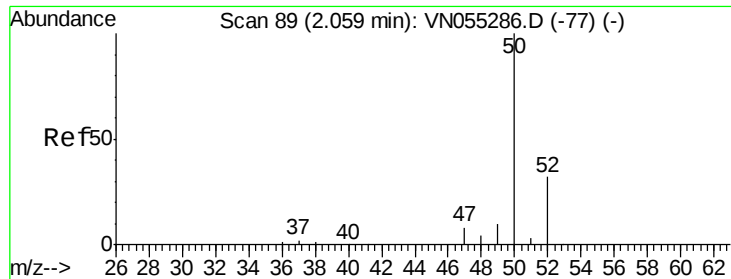
87 33.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 17.088 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

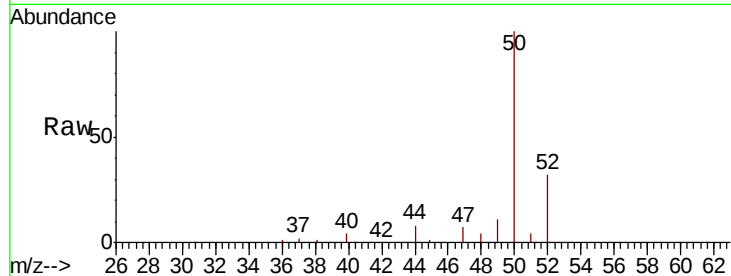
VN0506WBSD01

Tot Ion: 50 Resp: 100568

Ion Ratio Lower Upper

50 100

52 32.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

80000

60000

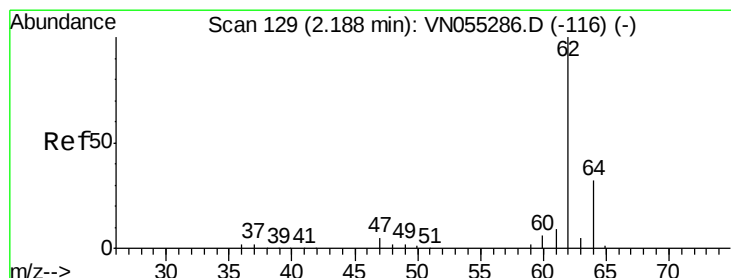
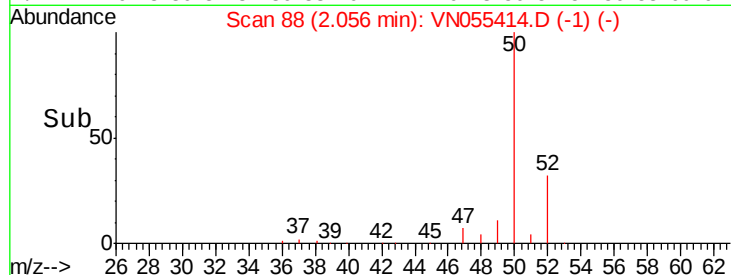
40000

20000

0

Time-->

2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 19.193 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055414.D

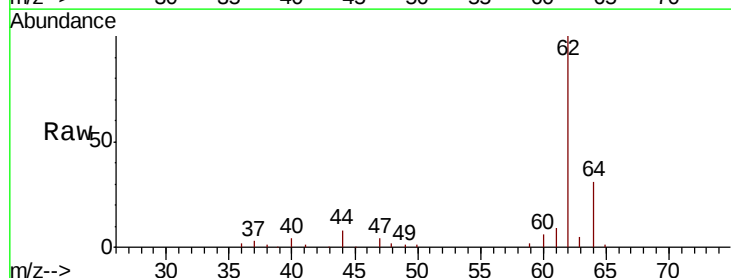
Acq: 6 May 2019 13:14

Tgt Ion: 62 Resp: 91052

Ion Ratio Lower Upper

62 100

64 31.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.19

60000

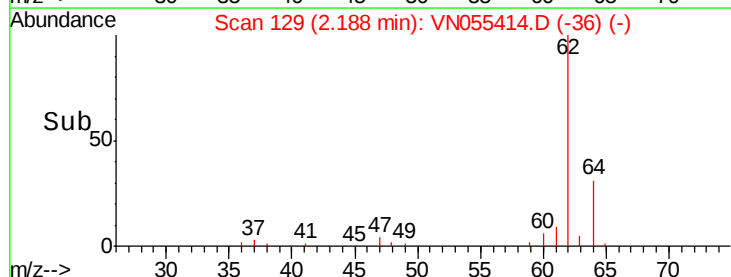
40000

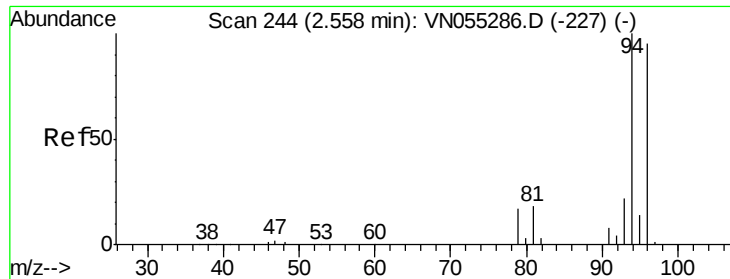
20000

0

Time-->

2.10 2.15 2.20 2.25

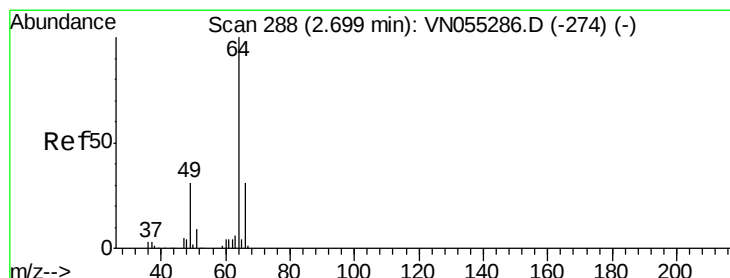
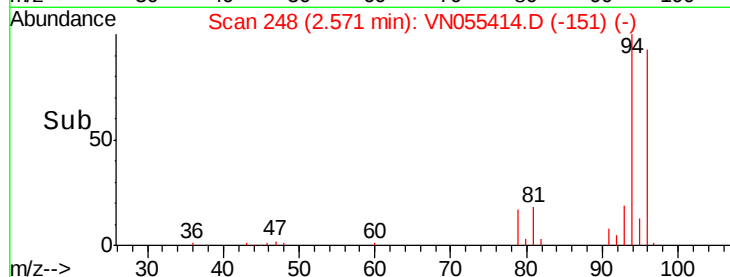
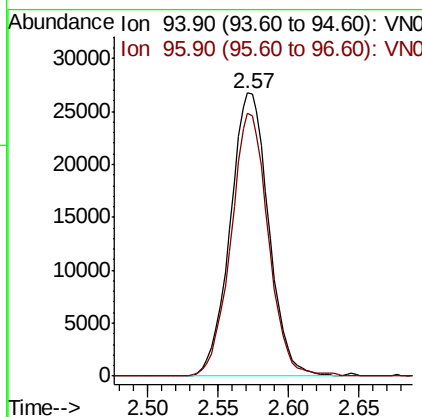
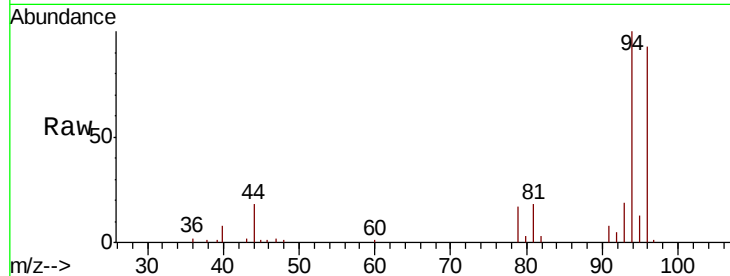




#5
Bromomethane
Concen: 20.308 ug/l
RT: 2.57 min Scan# 248
Delta R.T. 0.01 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

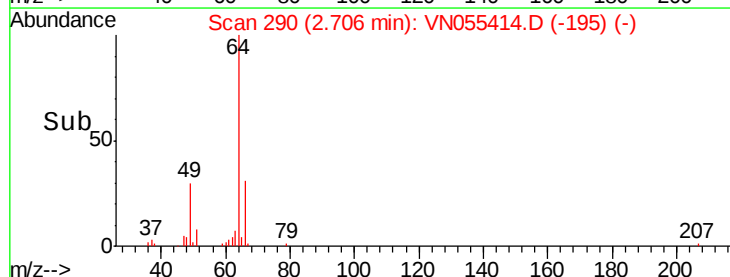
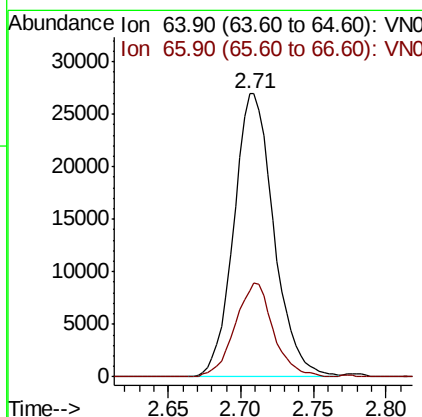
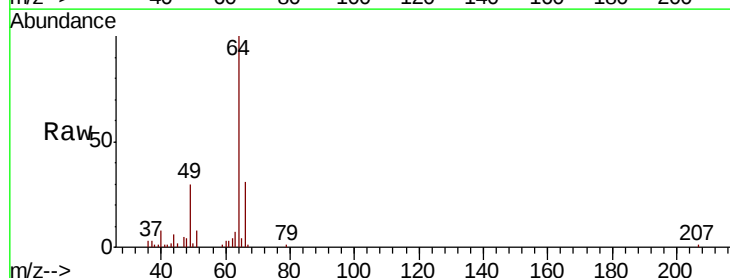
Instrument :
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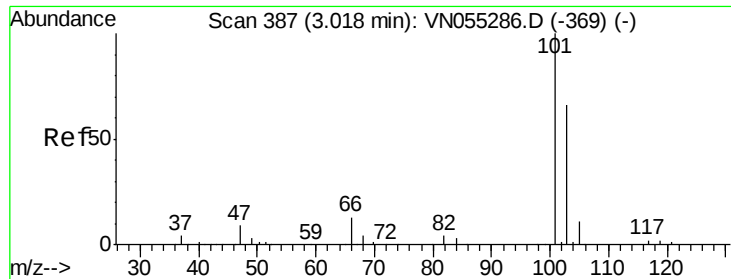
Tot Ion: 94 Resp: 51033
Ion Ratio Lower Upper
94 100
96 93.1 76.0 114.0



#6
Chloroethane
Concen: 20.116 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.01 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion: 64 Resp: 51699
Ion Ratio Lower Upper
64 100
66 30.5 25.0 37.4



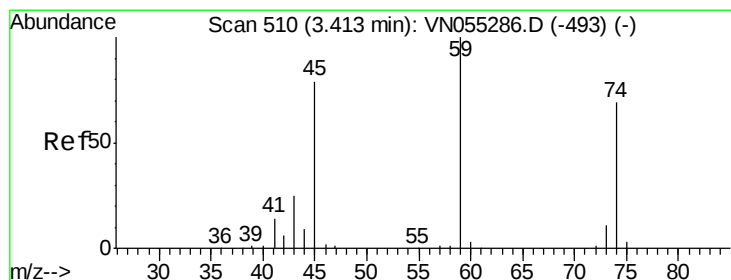
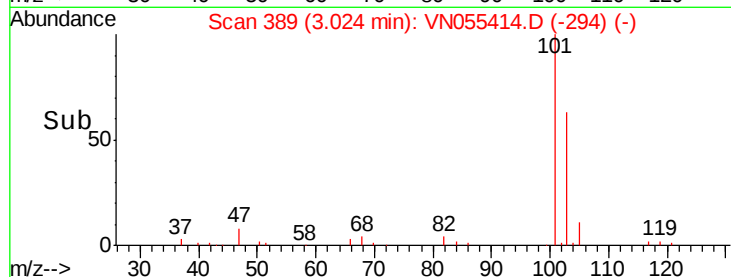
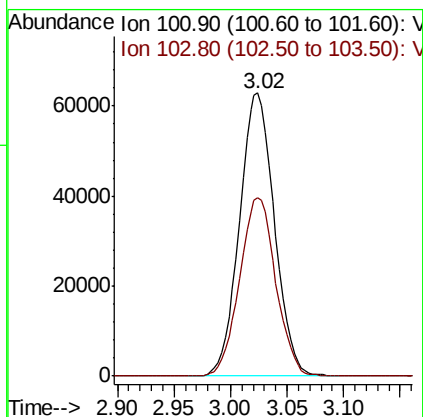
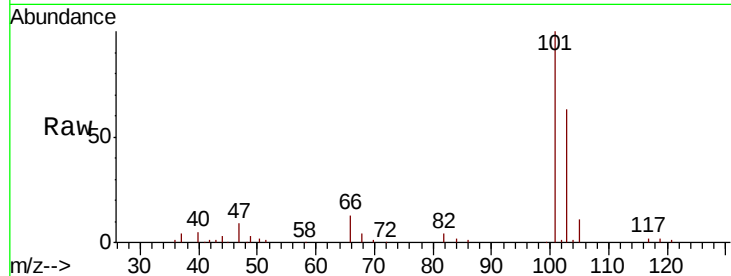


#7

Trichlorofluoromethane
 Concen: 20.058 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBSD01

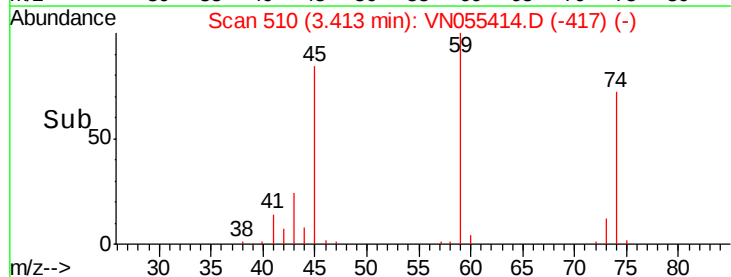
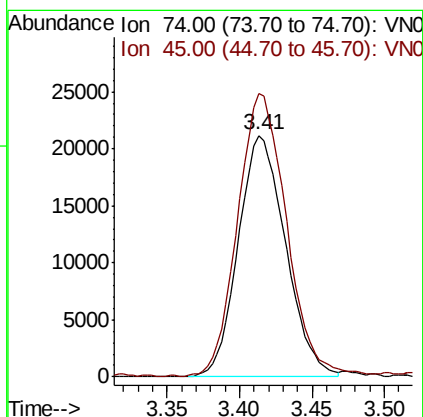
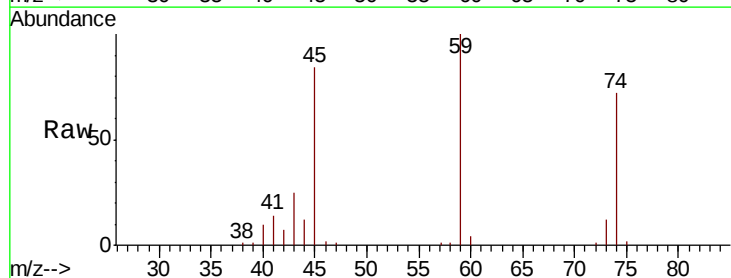
Tot Ion:101 Resp: 135311
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.6 79.0

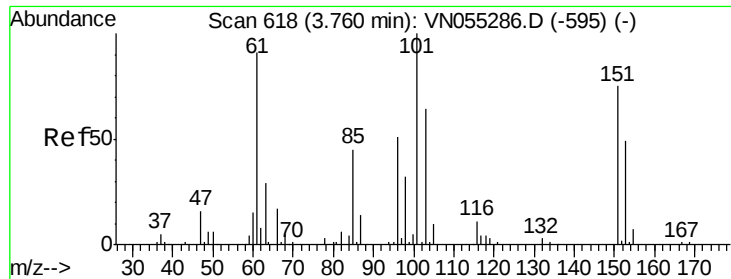


#8

Diethyl Ether
 Concen: 20.366 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

Tgt Ion: 74 Resp: 48067
 Ion Ratio Lower Upper
 74 100
 45 121.7 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.721 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBSD01

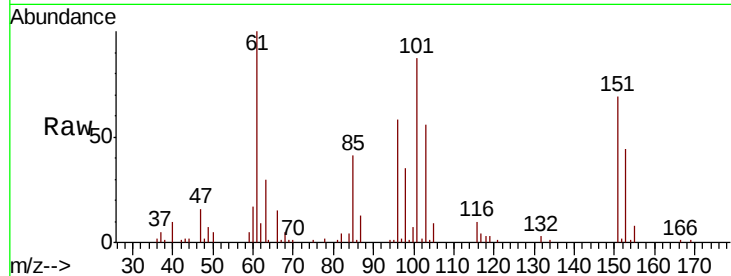
Tot Ion:101 Resp: 79221

Ion Ratio Lower Upper

101 100

85 45.6 35.7 53.5

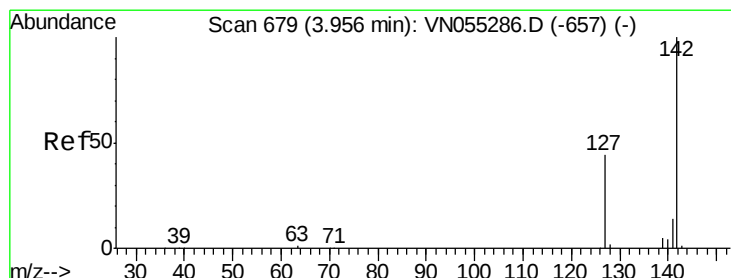
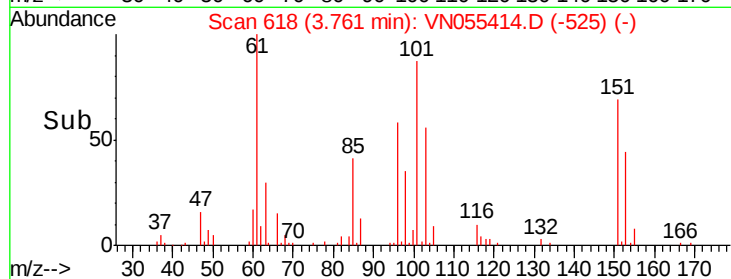
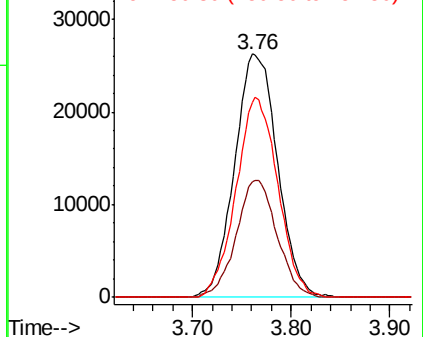
151 79.8 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.686 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

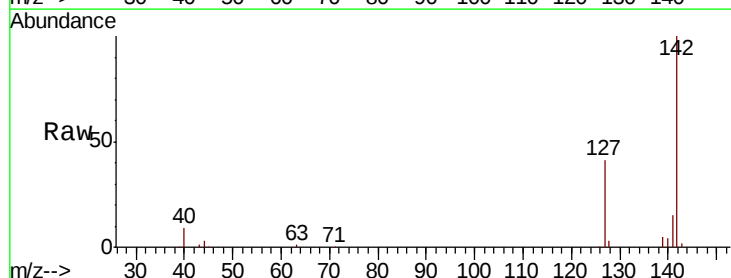
Tgt Ion:142 Resp: 105639

Ion Ratio Lower Upper

142 100

127 42.7 34.4 51.6

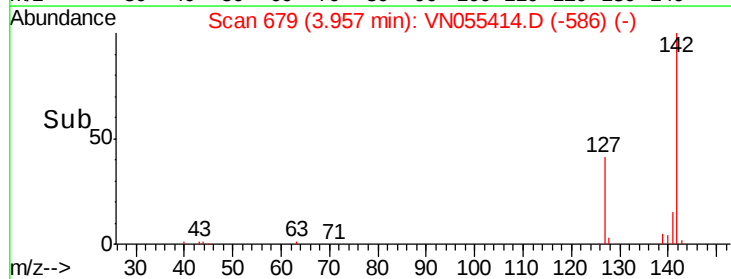
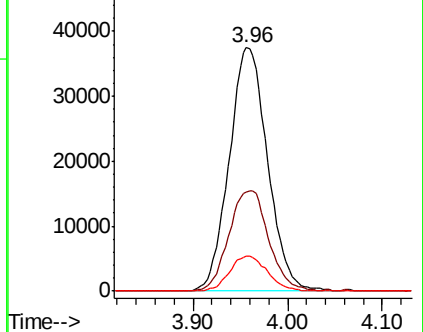
141 14.2 11.5 17.3



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

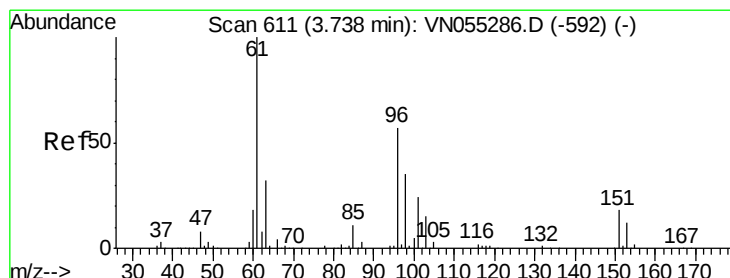
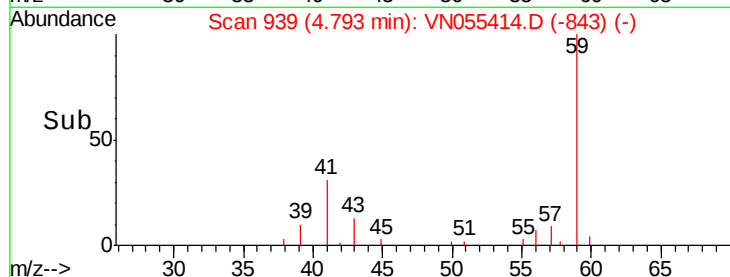
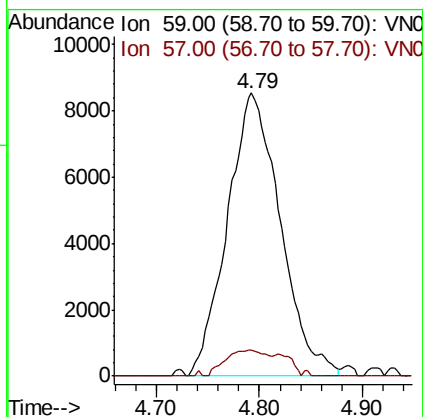
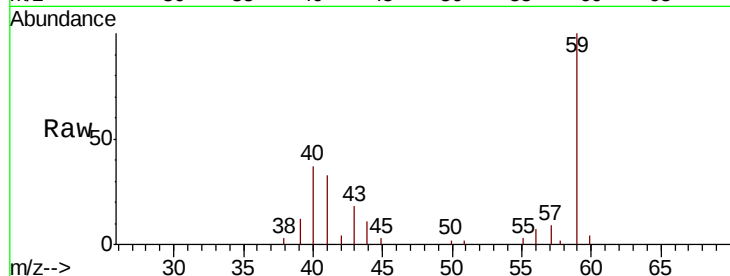




#11
Tert butyl alcohol
Concen: 104.882 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.01 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

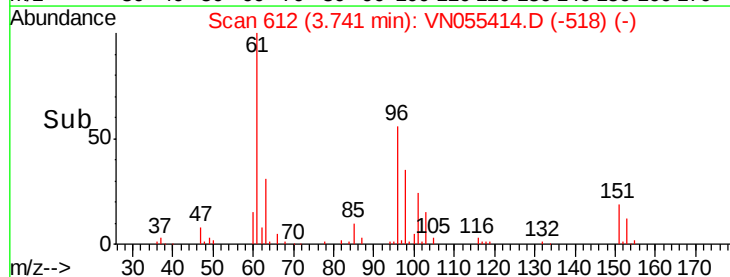
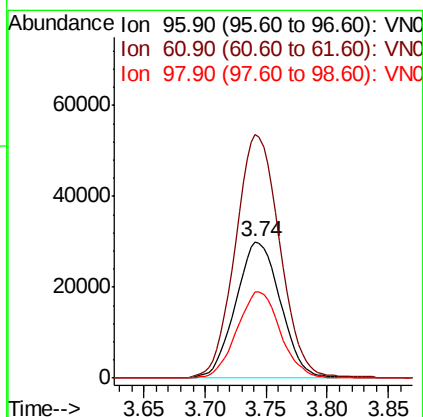
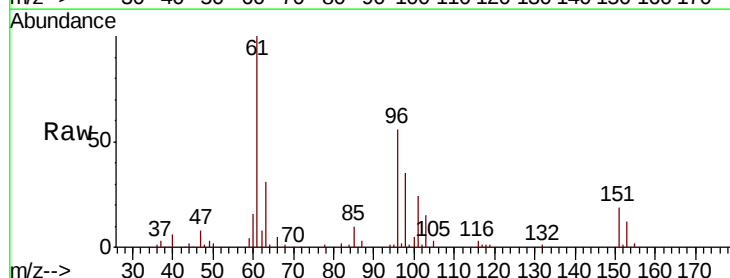
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBSD01

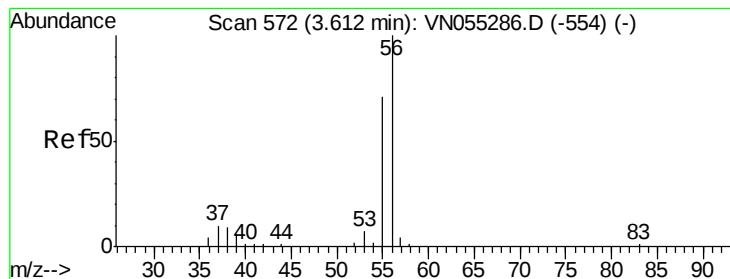
Tot Ion: 59 Resp: 30474
Ion Ratio Lower Upper
59 100
57 7.3 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 19.905 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion: 96 Resp: 76276
Ion Ratio Lower Upper
96 100
61 178.2 140.9 211.3
98 62.9 50.0 75.0





#13

Acrolein

Concen: 67.568 ug/l

RT: 3.62 min Scan# 574

Delta R.T. 0.01 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

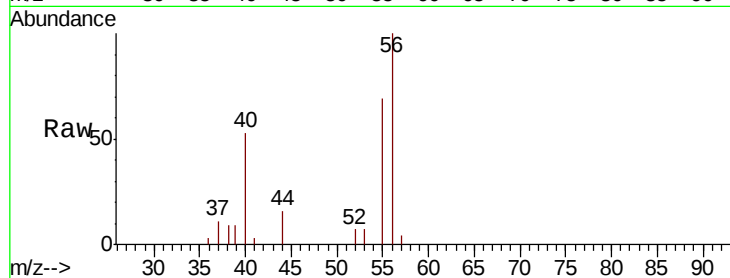
VN0506WBSD01

Tot Ion: 56 Resp: 15332

Ion Ratio Lower Upper

56 100

55 73.1 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN055286.D (-554) (-)

Ion 55.00 (54.70 to 55.70): VN055286.D (-554) (-)

3.62

6000

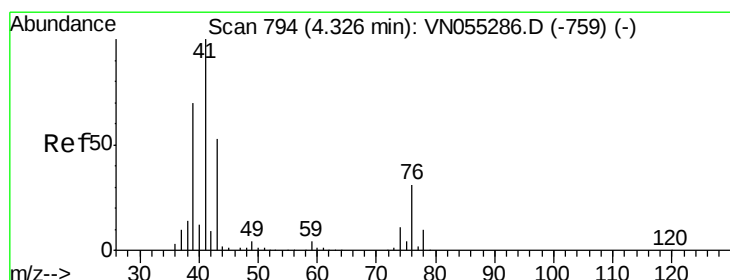
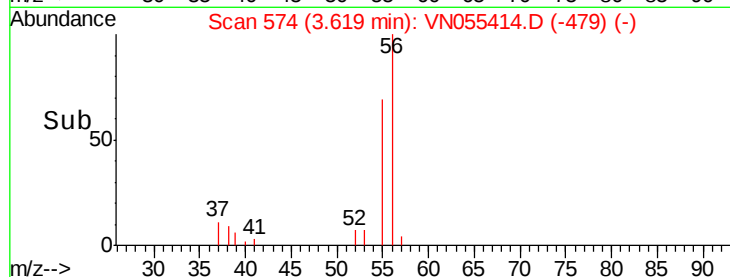
4000

2000

0

3.55 3.60 3.65 3.70

Time-->



#14

Allyl chloride

Concen: 19.873 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

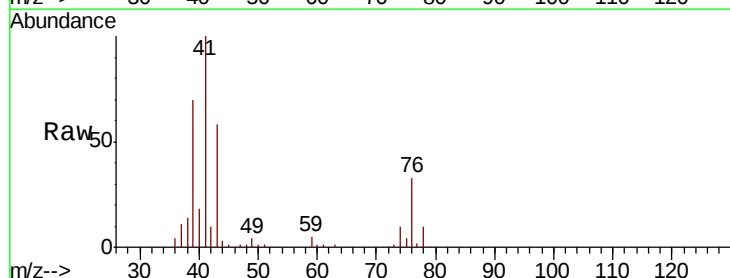
Tgt Ion: 41 Resp: 157722

Ion Ratio Lower Upper

41 100

39 64.9 53.0 79.6

76 27.9 22.7 34.1



Abundance Ion 41.00 (40.70 to 41.70): VN055286.D (-759) (-)

Ion 39.00 (38.70 to 39.70): VN055286.D (-759) (-)

Ion 75.90 (75.60 to 76.60): VN055286.D (-759) (-)

4.33

60000

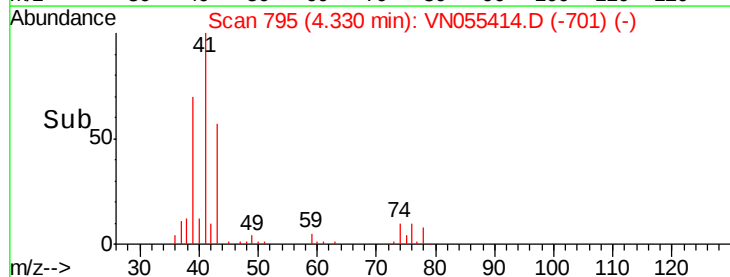
40000

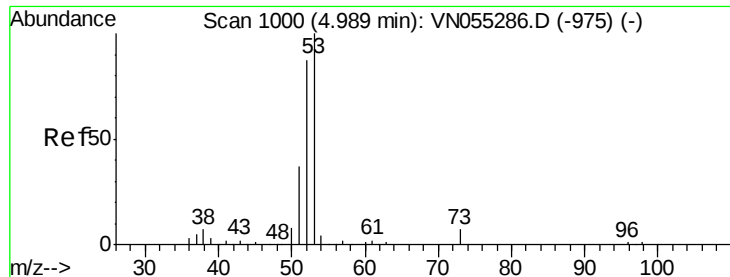
20000

0

4.20 4.30 4.40 4.50

Time-->





#15

Acrylonitrile

Concen: 105.755 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

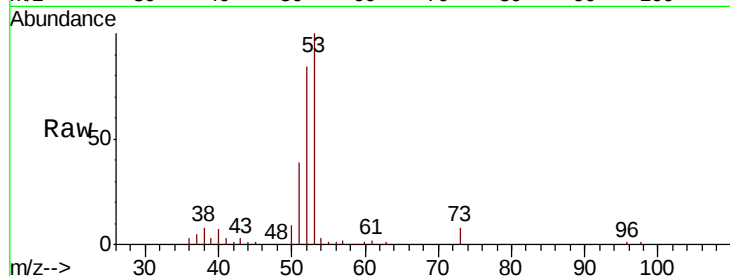
MSVOA_N

ClientSampleId :

VN0506WBSD01

Tot Ion: 53 Resp: 172717

Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.5	99.7
51	36.9	29.6	44.4

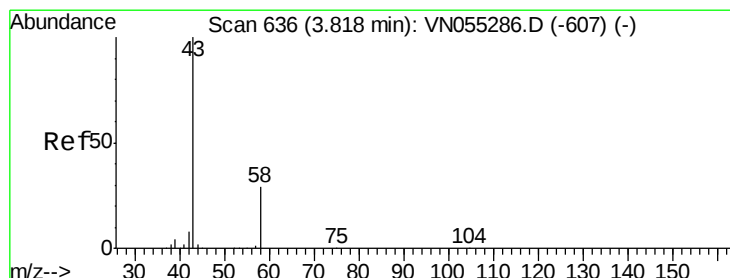
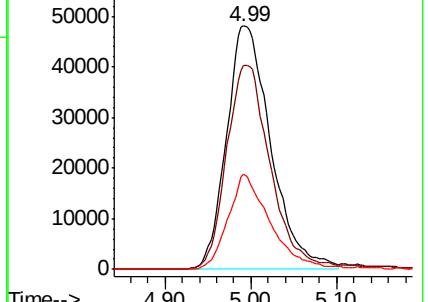
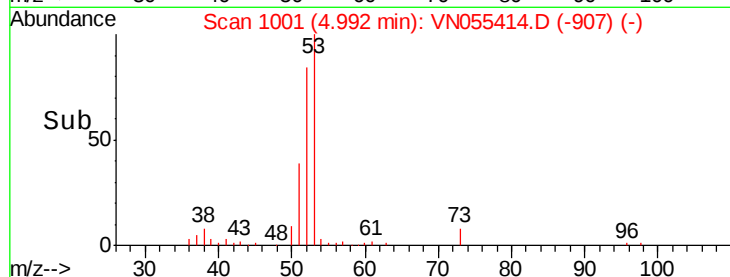


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 89.264 ug/l

RT: 3.82 min Scan# 637

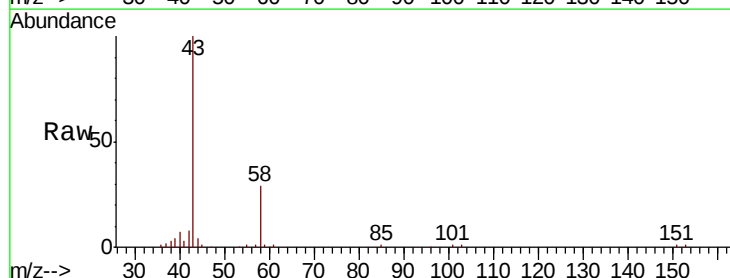
Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Tgt Ion: 43 Resp: 141152

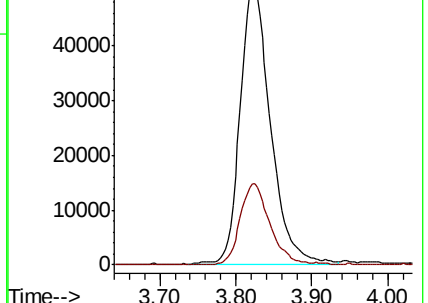
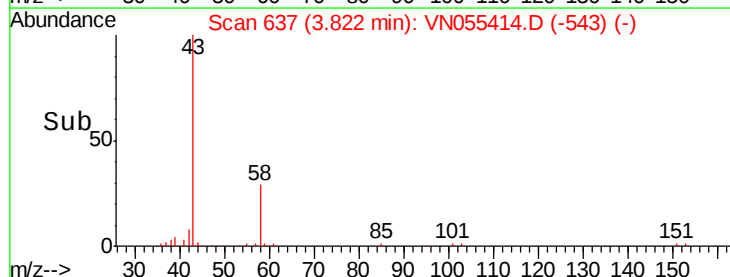
Ion	Ratio	Lower	Upper
43	100		
58	28.9	23.6	35.4

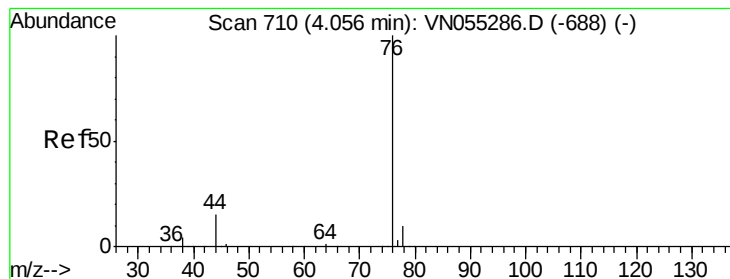


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.134 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

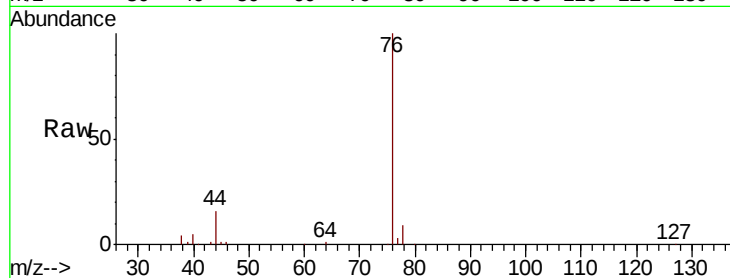
VN0506WBSD01

Tot Ion: 76 Resp: 171353

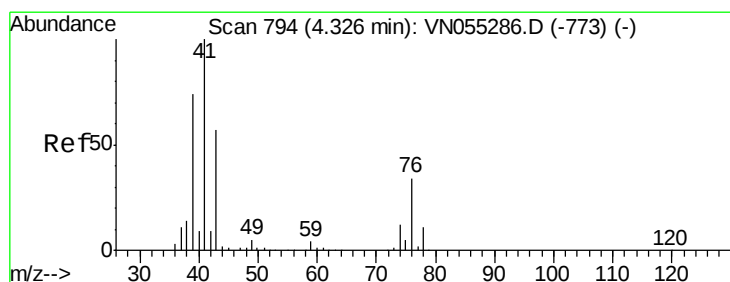
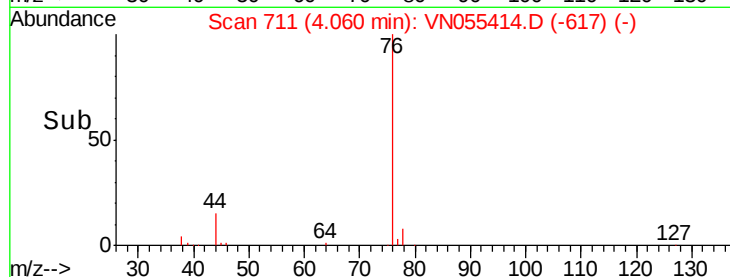
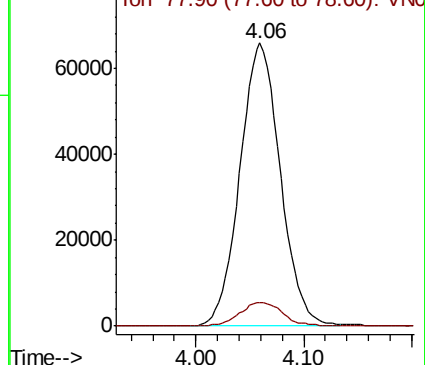
Ion Ratio Lower Upper

76 100

78 8.5 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 22.734 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055414.D

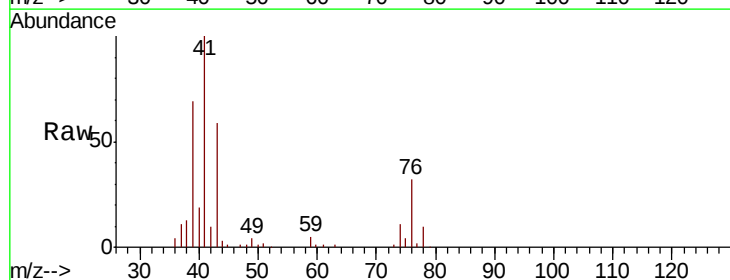
Acq: 6 May 2019 13:14

Tgt Ion: 43 Resp: 89749

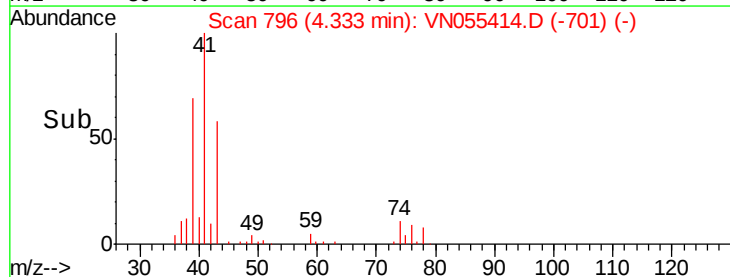
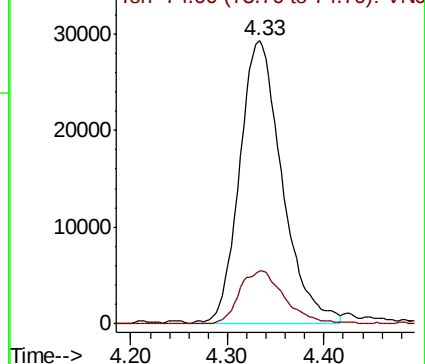
Ion Ratio Lower Upper

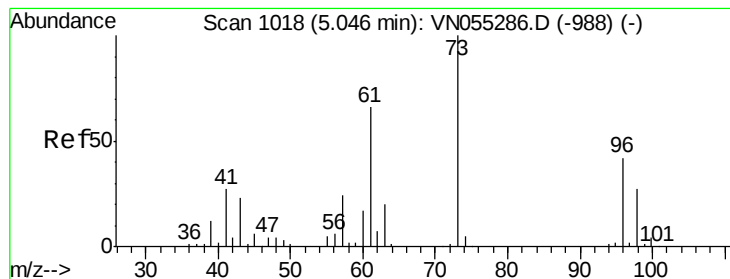
43 100

74 19.7 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO



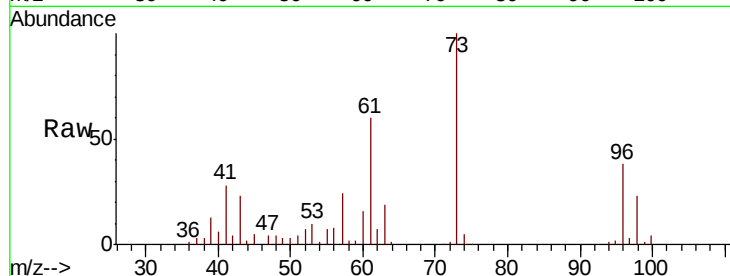


#19

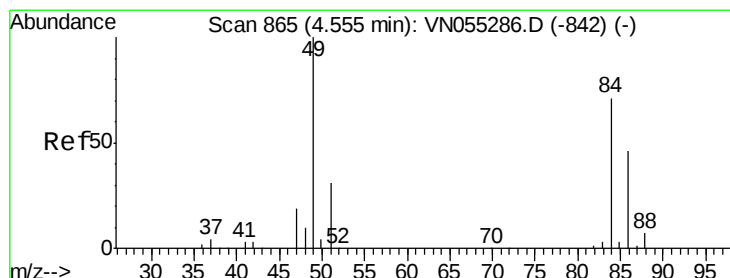
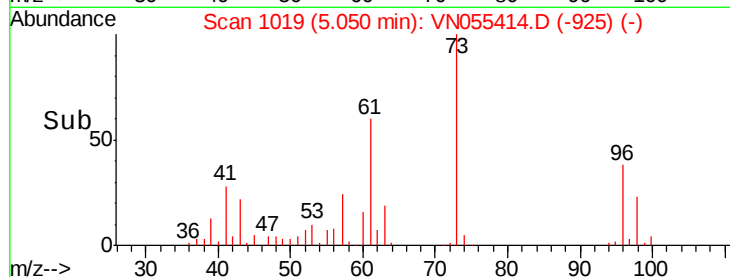
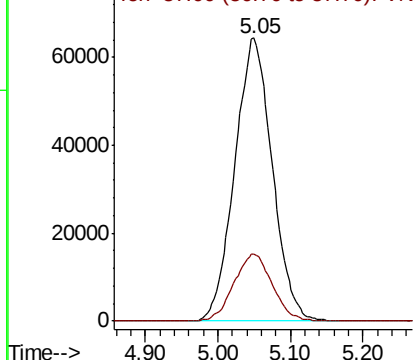
Methyl tert-butyl Ether
 Concen: 21.522 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0506WBSD01

Tot Ion: 73 Resp: 231850
 Ion Ratio Lower Upper
 73 100
 57 23.7 19.1 28.7



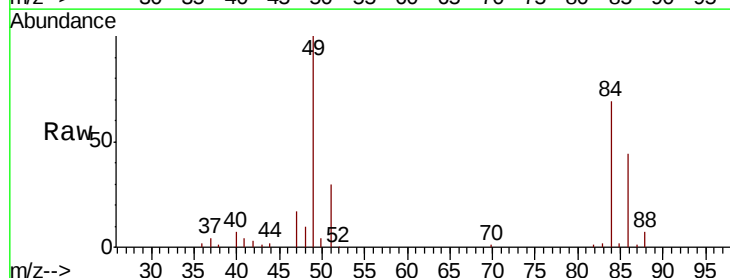
Abundance Ion 73.00 (72.70 to 73.70): VN055286.D (-988) (-)
 Ion 57.00 (56.70 to 57.70): VN055286.D (-988) (-)



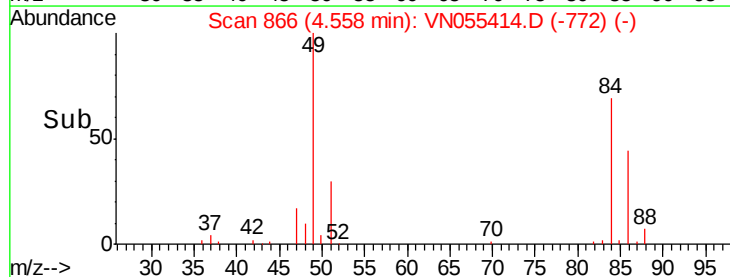
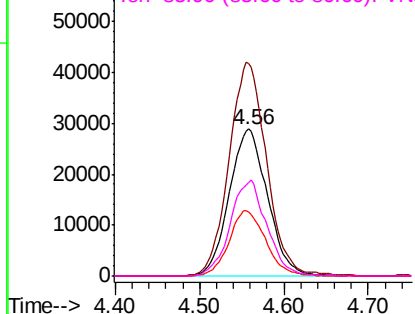
#20

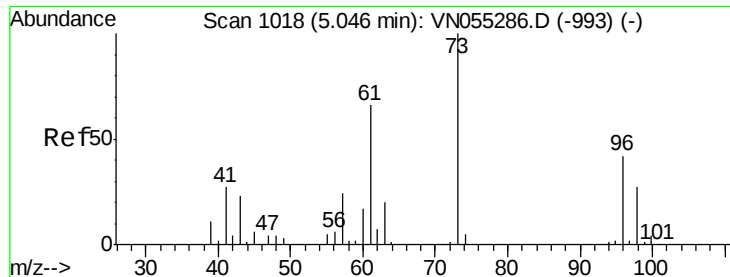
Methylene Chloride
 Concen: 18.838 ug/l
 RT: 4.56 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

Tgt Ion: 84 Resp: 90923
 Ion Ratio Lower Upper
 84 100
 49 144.2 112.4 168.6
 51 43.7 34.6 51.8
 86 64.0 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VN055286.D (-842) (-)
 Ion 48.90 (48.60 to 49.60): VN055286.D (-842) (-)
 Ion 50.90 (50.60 to 51.60): VN055286.D (-842) (-)
 Ion 85.90 (85.60 to 86.60): VN055286.D (-842) (-)





#21

trans-1,2-Dichloroethene

Concen: 19.872 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBSD01

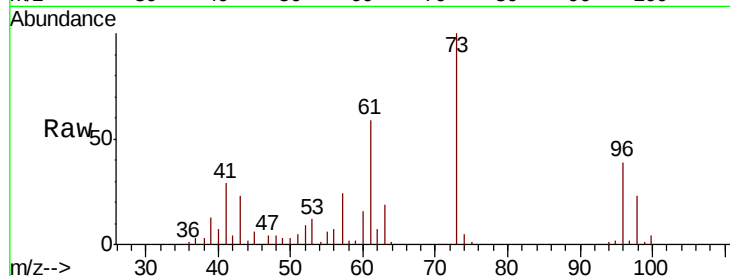
Tot Ion: 96 Resp: 80650

Ion Ratio Lower Upper

96 100

61 152.1 126.2 189.4

98 60.1 52.2 78.2

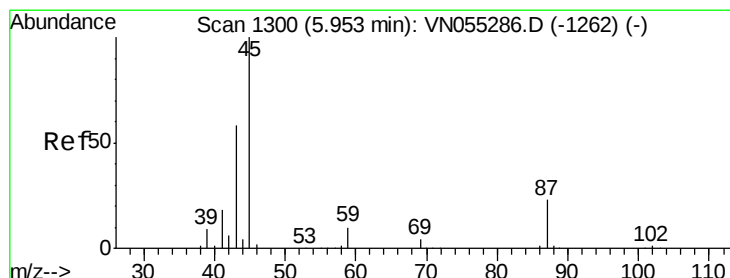
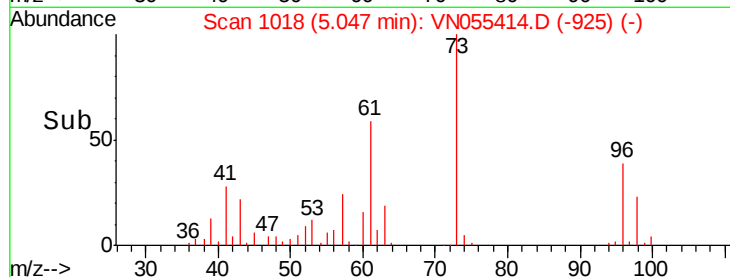
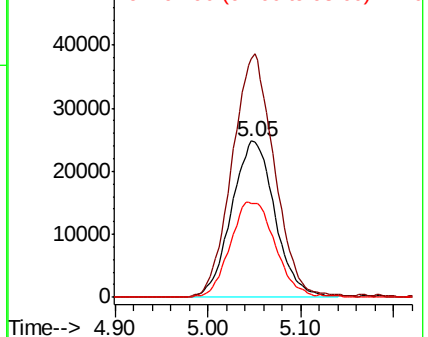


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.408 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Tgt Ion: 45 Resp: 337584

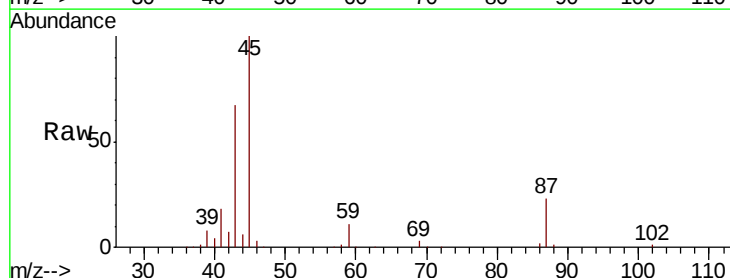
Ion Ratio Lower Upper

45 100

43 65.4 46.6 70.0

87 22.3 18.1 27.1

59 10.5 8.2 12.2



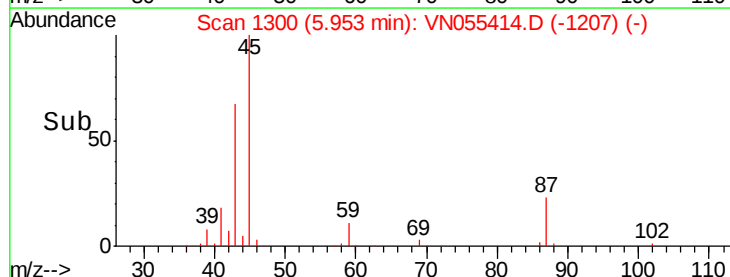
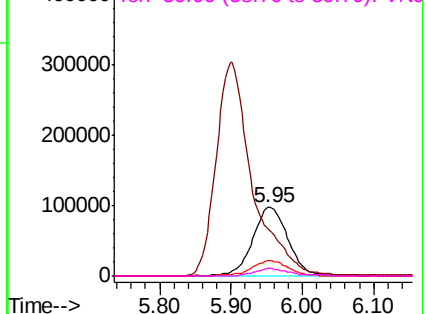
Abundance

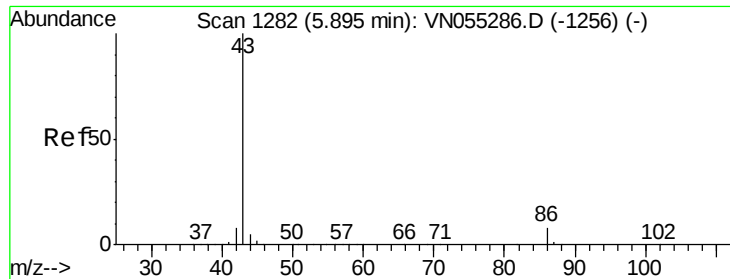
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 104.264 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

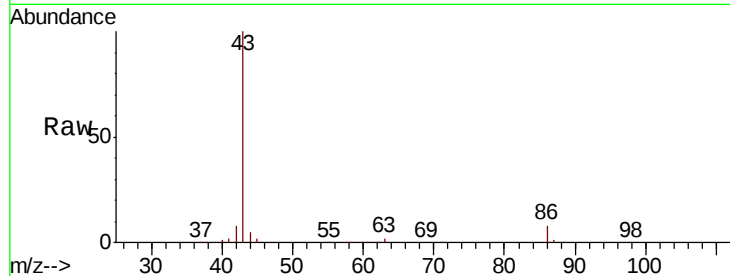
VN0506WBSD01

Tot Ion: 43 Resp: 1077583

Ion Ratio Lower Upper

43 100

86 8.3 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1256) (-)

Ion 86.00 (85.70 to 86.70): VN055286.D (-1256) (-)

5.90

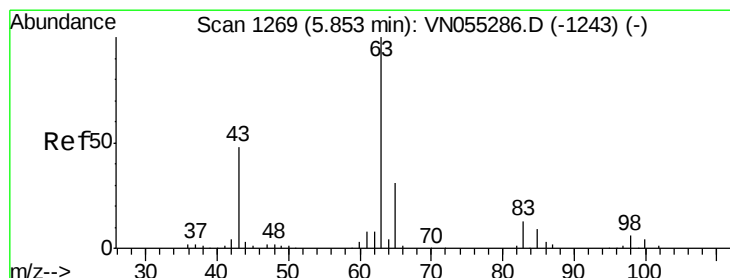
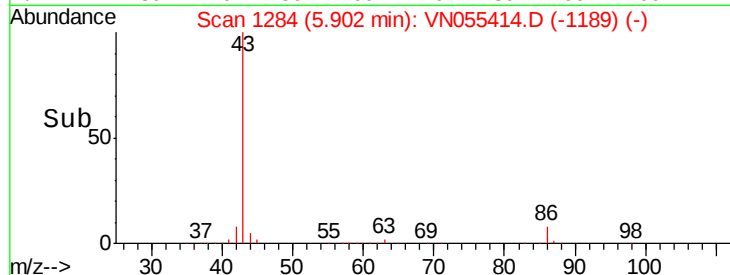
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.516 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

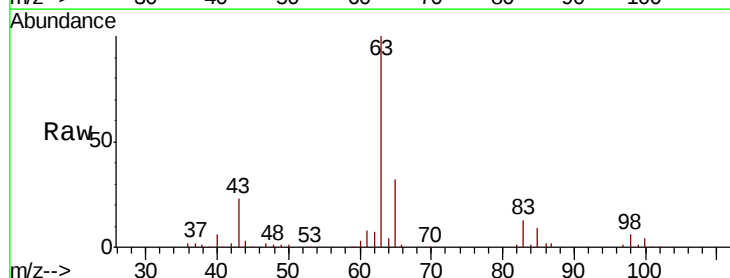
Tgt Ion: 63 Resp: 172373

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.0

100 4.0 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN055286.D (-1243) (-)

Ion 97.90 (97.60 to 98.60): VN055286.D (-1243) (-)

Ion 99.90 (99.60 to 100.60): VN055286.D (-1243) (-)

5.85

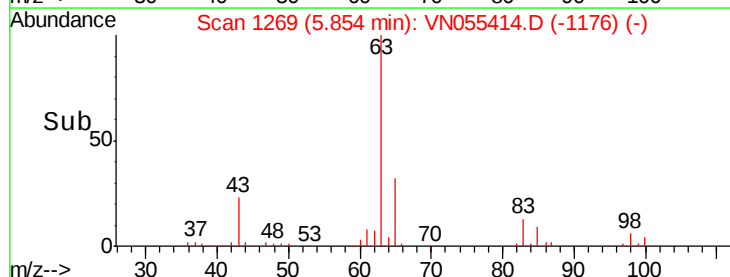
60000

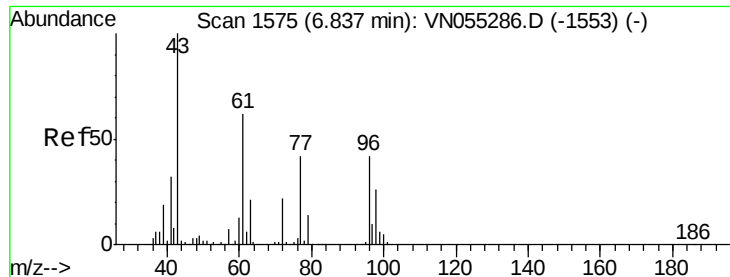
40000

20000

0

Time-->

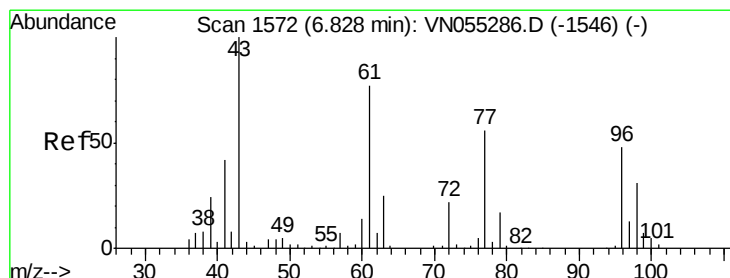
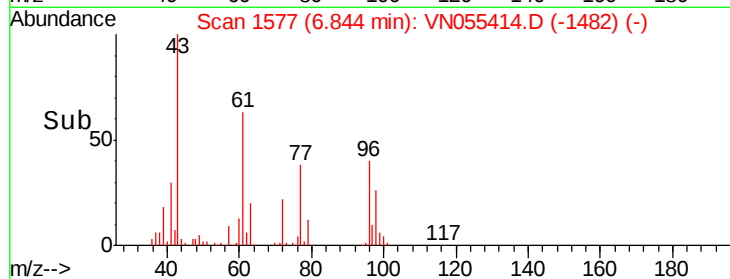
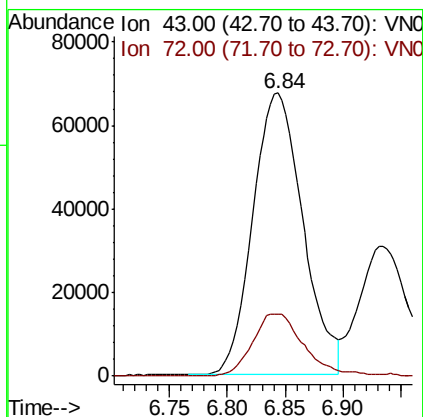
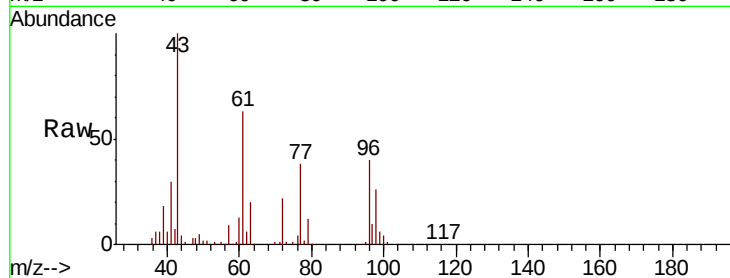




#25
2-Butanone
Concen: 100.288 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

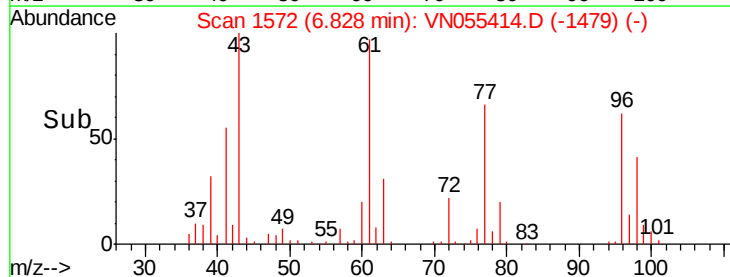
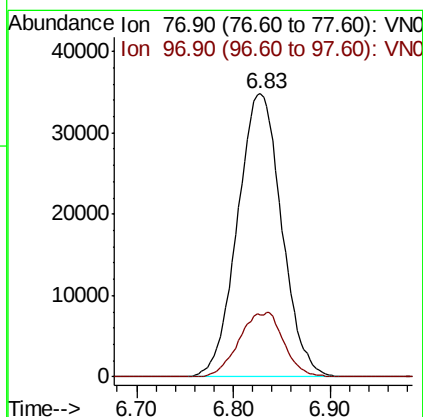
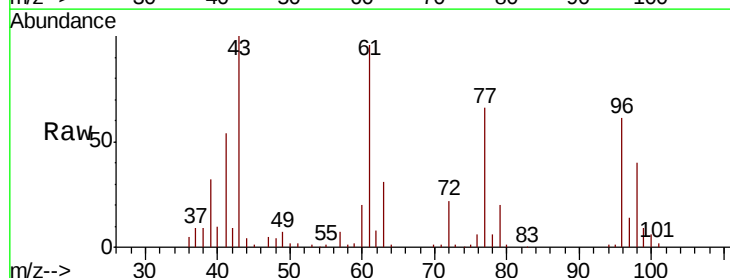
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBSD01

Tot Ion: 43 Resp: 202809
Ion Ratio Lower Upper
43 100
72 22.2 18.0 27.0



#26
2,2-Dichloropropane
Concen: 19.049 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion: 77 Resp: 110523
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.604 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

VN0506WBSD01

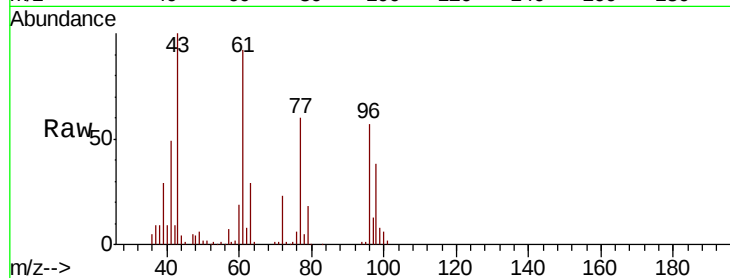
Tot Ion: 96 Resp: 95091

Ion Ratio Lower Upper

96 100

61 160.1 0.0 316.2

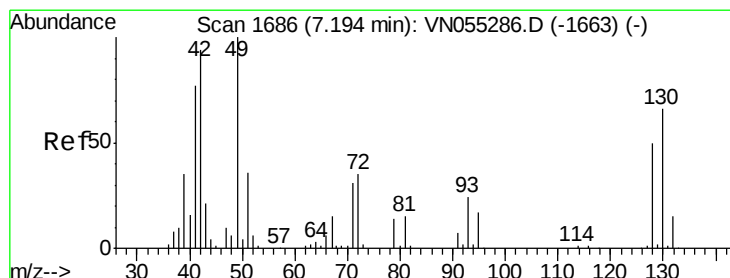
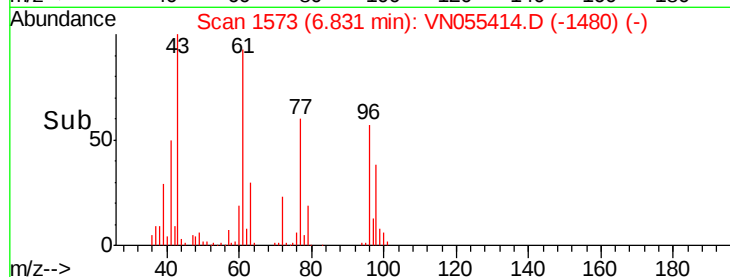
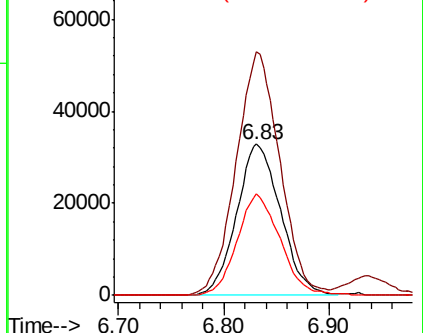
98 65.6 0.0 126.6



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: 19.706 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

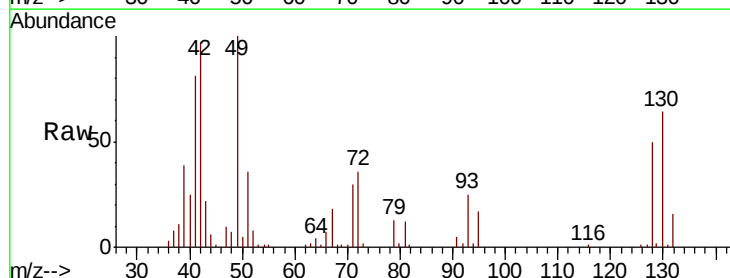
Tgt Ion: 49 Resp: 83459

Ion Ratio Lower Upper

49 100

129 1.1 0.0 2.4

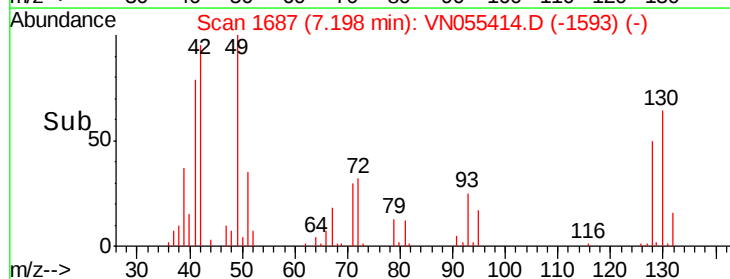
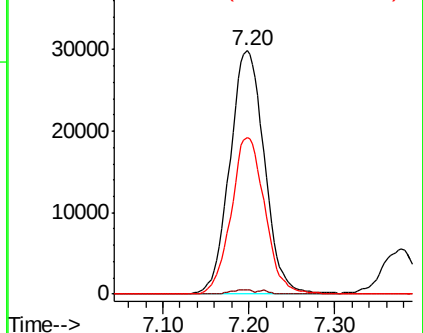
130 62.7 52.0 78.0

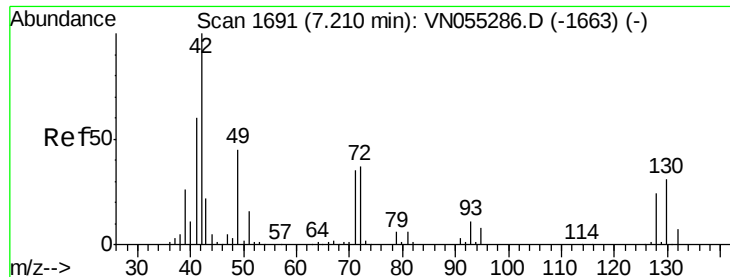


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

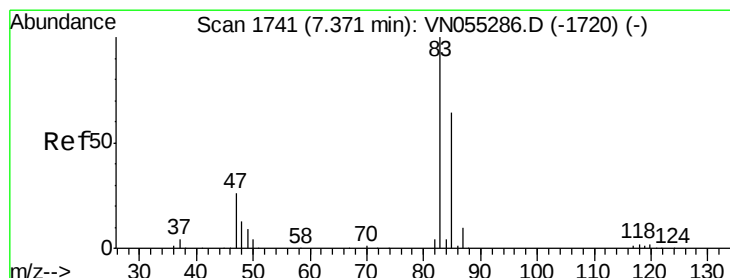
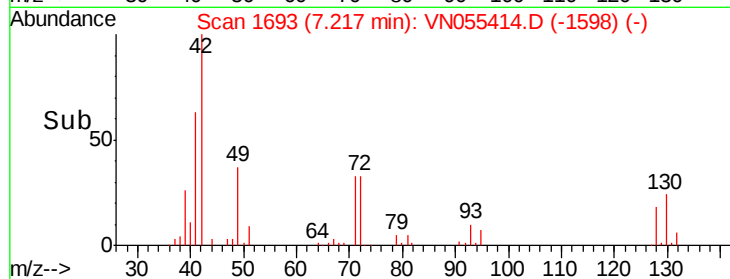
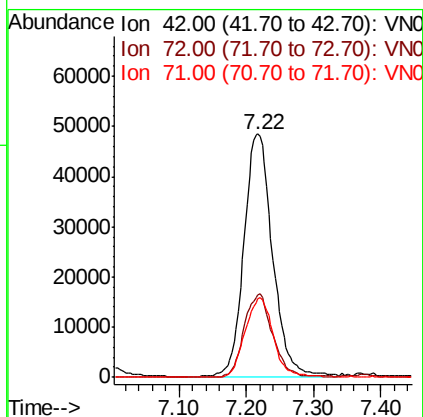
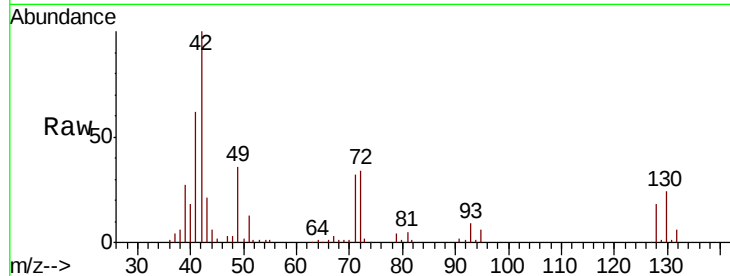




#29
Tetrahydrofuran
Concen: 111.811 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

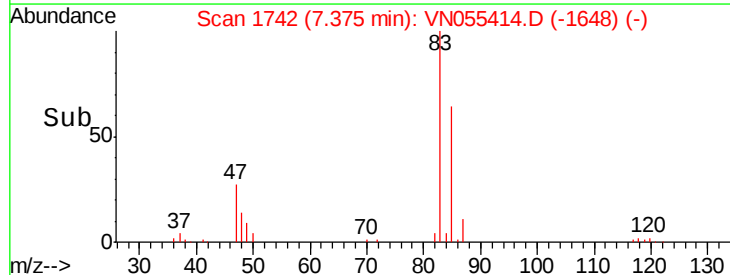
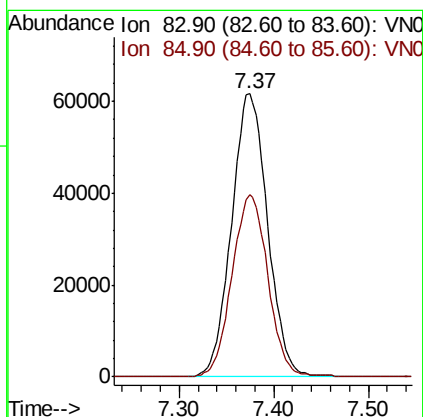
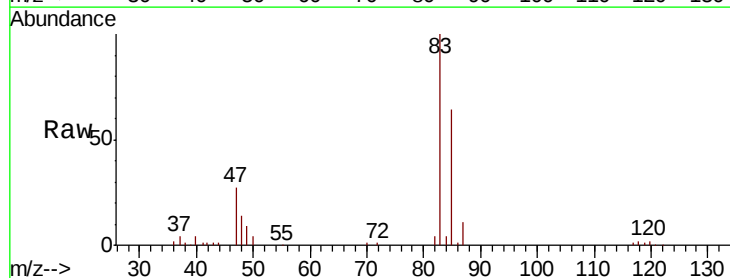
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBSD01

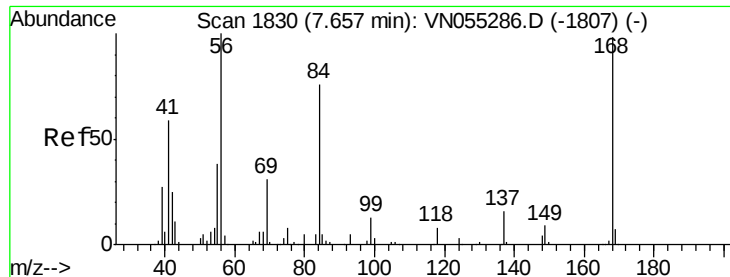
Tot Ion: 42 Resp: 144786
Ion Ratio Lower Upper
42 100
72 33.7 29.0 43.6
71 31.7 27.1 40.7



#30
Chloroform
Concen: 20.512 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion: 83 Resp: 163376
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2

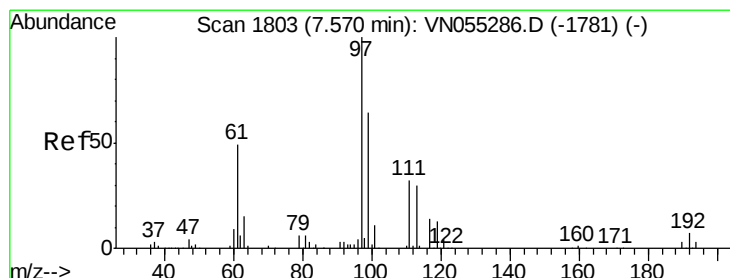
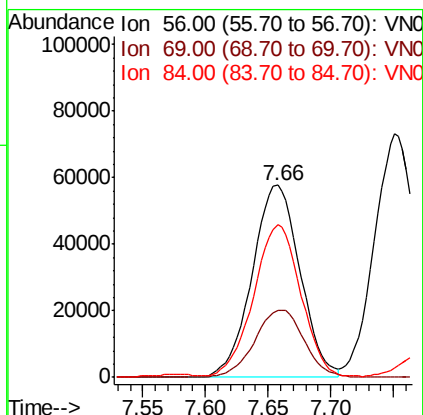
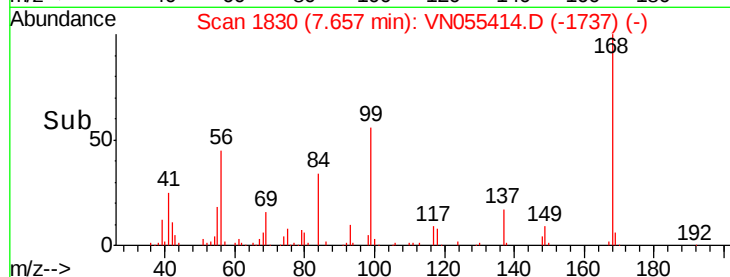
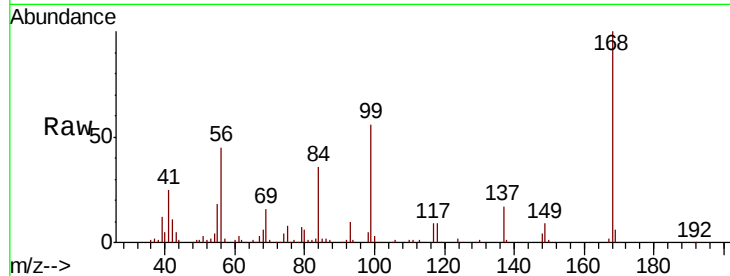




#31
Cyclohexane
Concen: 19.210 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

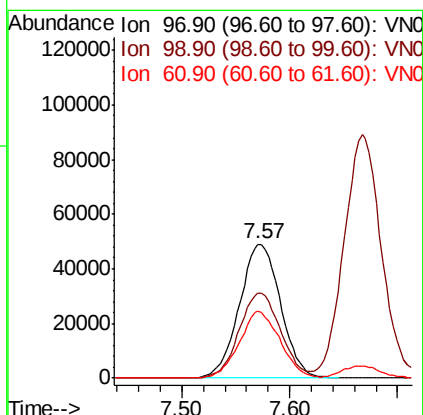
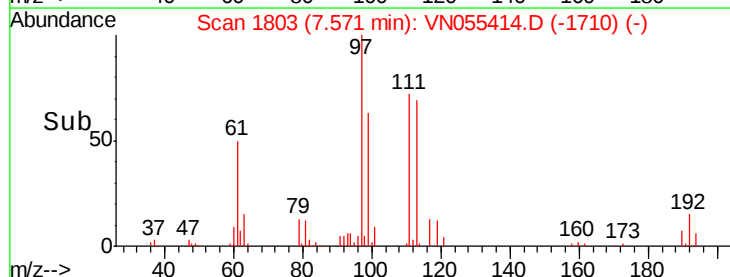
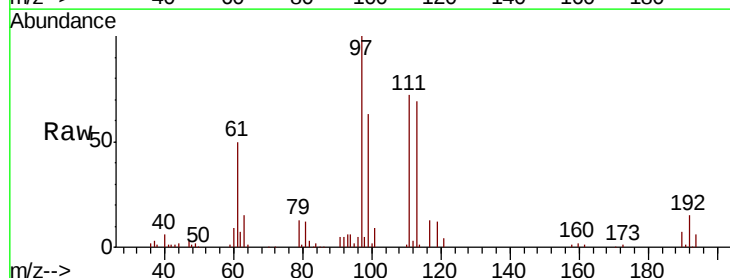
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBSD01

Tot Ion: 56 Resp: 153352
Ion Ratio Lower Upper
56 100
69 34.7 25.2 37.8
84 78.0 61.1 91.7



#32
1,1,1-Trichloroethane
Concen: 20.184 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion: 97 Resp: 130473
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 49.2 39.0 58.6

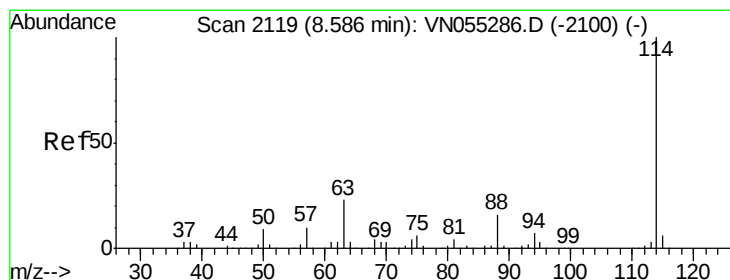
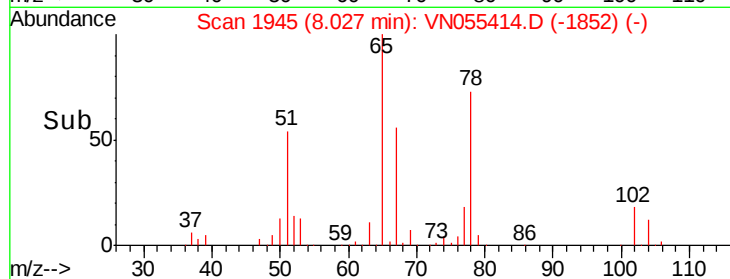
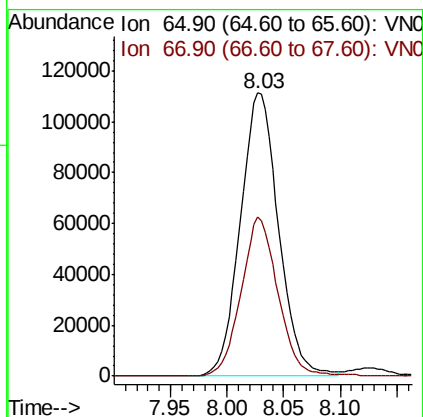
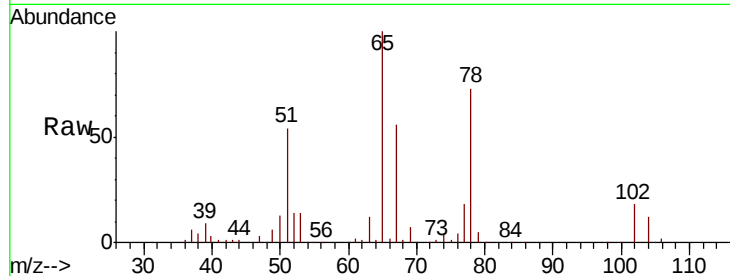




#33
 1,2-Dichloroethane-d4
 Concen: 51.589 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

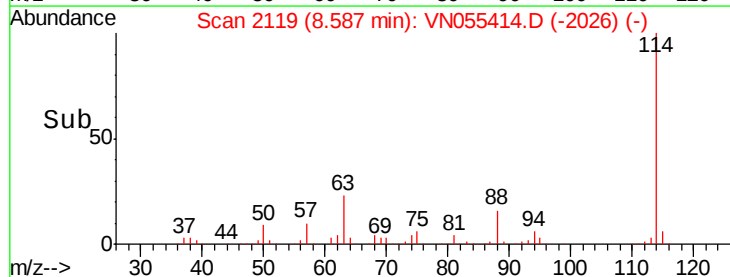
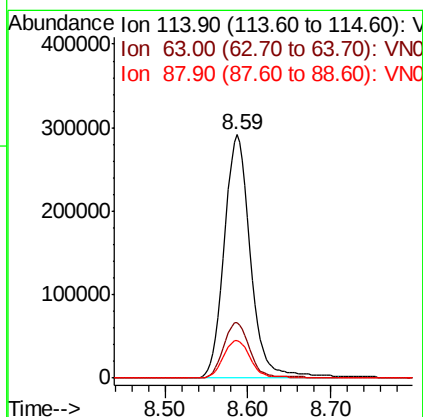
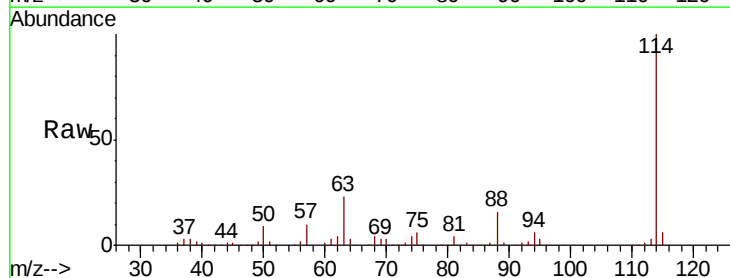
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBSD01

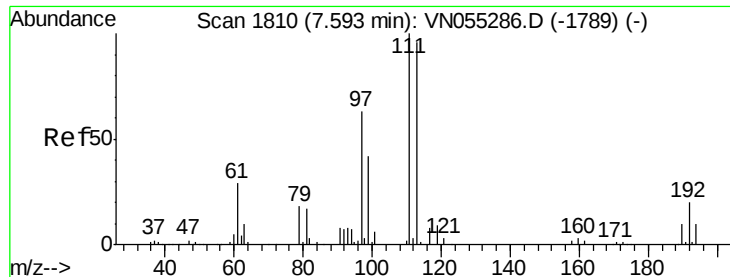
Tot Ion: 65 Resp: 261813
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

Tgt Ion: 114 Resp: 644065
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 15.5 0.0 31.6

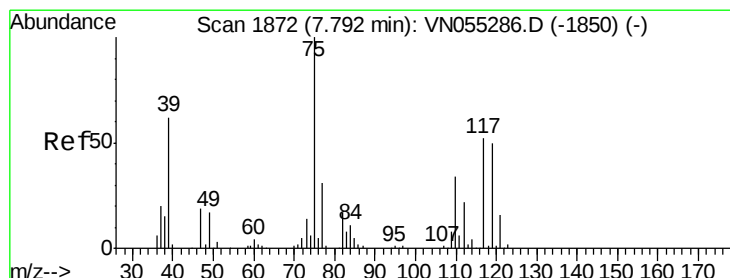
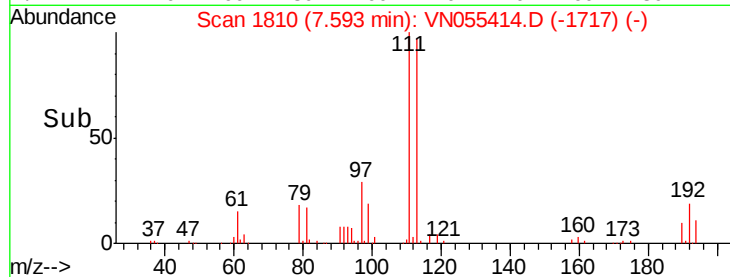
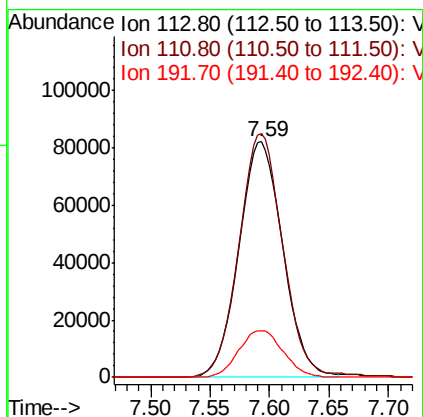
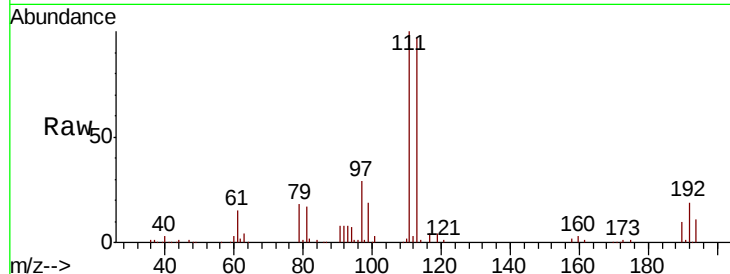




#35
 Dibromofluoromethane
 Concen: 49.667 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

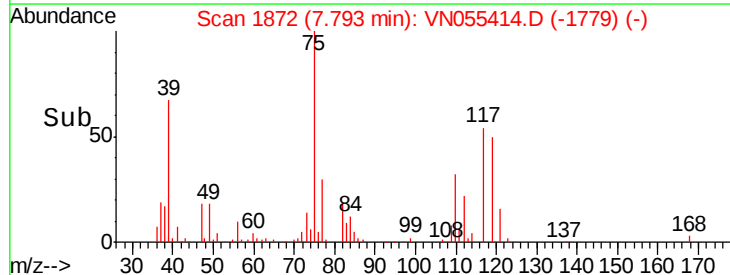
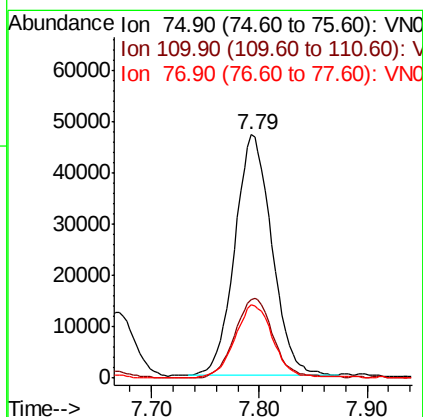
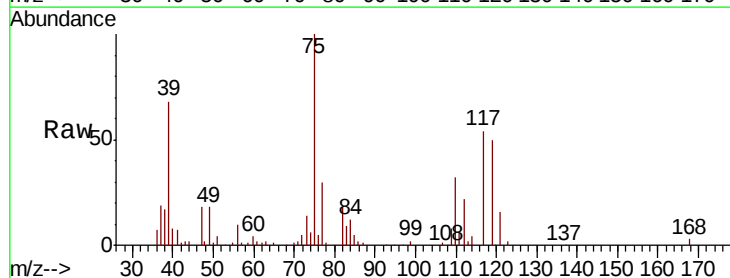
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBSD01

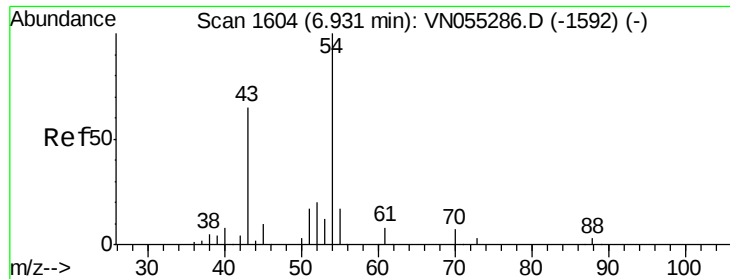
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.3	123.5
192	20.3	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 18.128 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	16.8	50.4
77	31.7	25.0	37.6

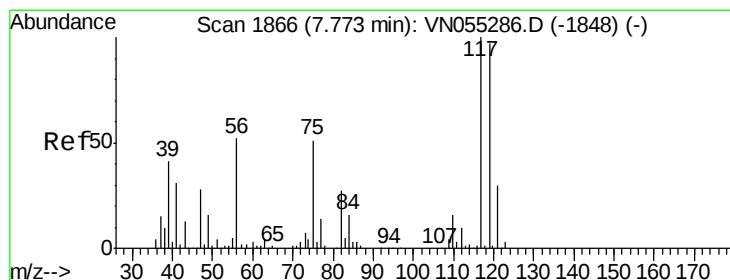
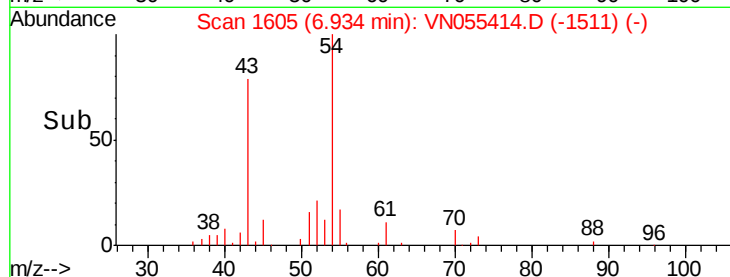
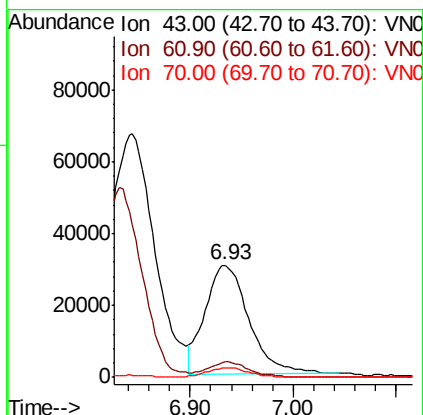
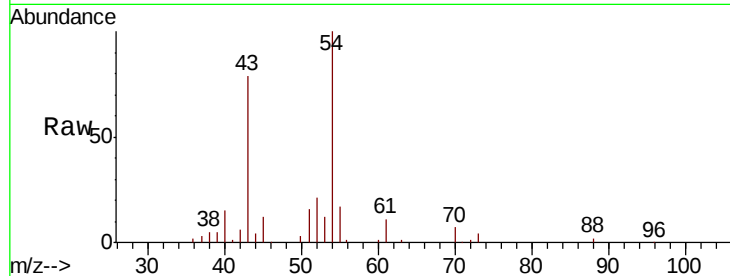




#37
Ethyl Acetate
Concen: 19.192 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

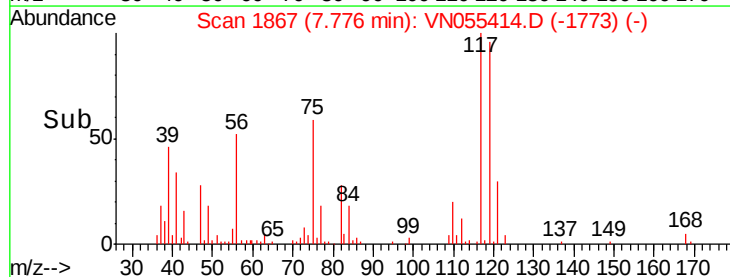
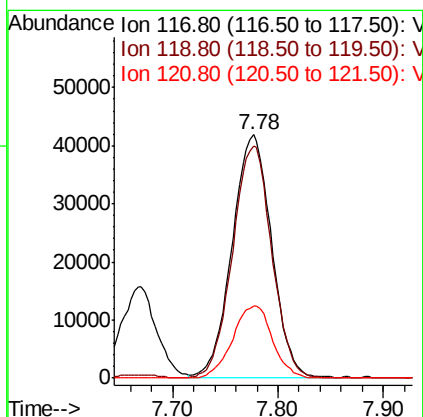
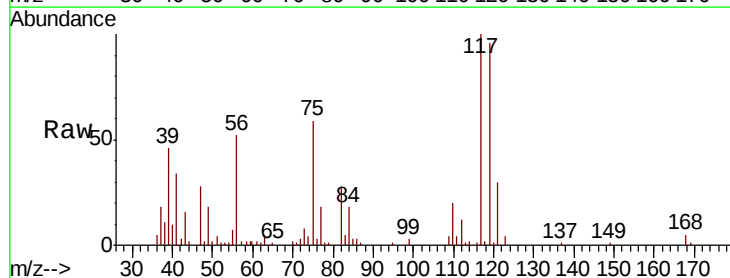
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBSD01

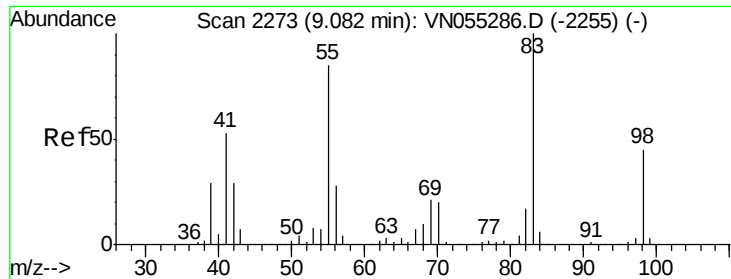
Tot Ion: 43 Resp: 90741
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 8.5 6.6 10.0



#38
Carbon Tetrachloride
Concen: 18.359 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion: 117 Resp: 109255
Ion Ratio Lower Upper
117 100
119 95.2 77.0 115.6
121 29.5 23.8 35.8

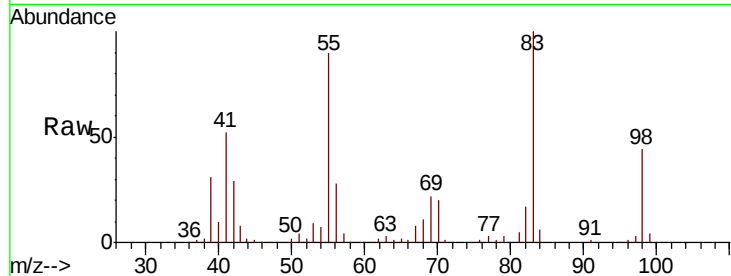




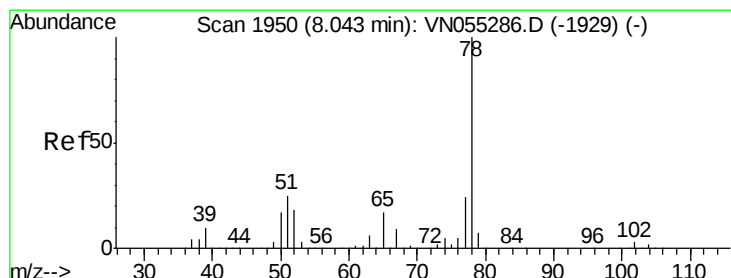
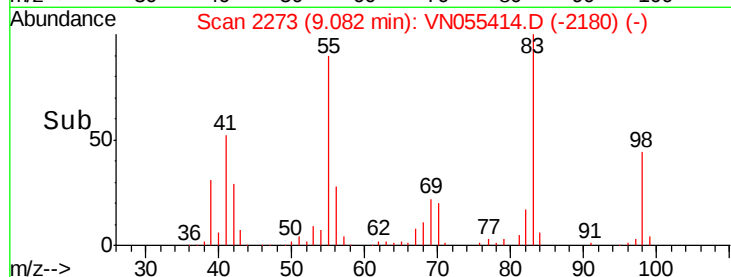
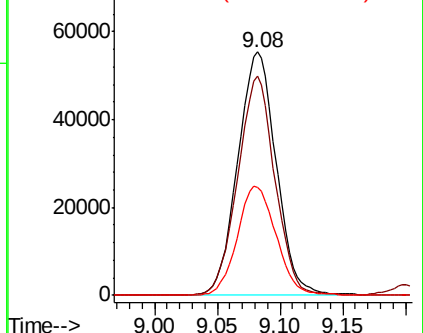
#39
Methvlcvclohexane
Concen: 17.999 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Instrument :
MSVOA_N
ClientSampled :
VN0506WBSD01

Tot Ion: 83 Resp: 118057
Ion Ratio Lower Upper
83 100
55 89.9 67.8 101.6
98 44.4 36.2 54.4

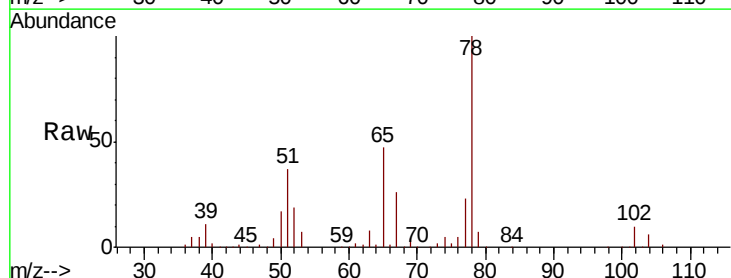


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

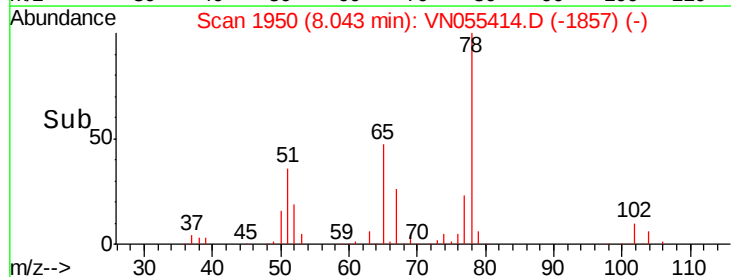
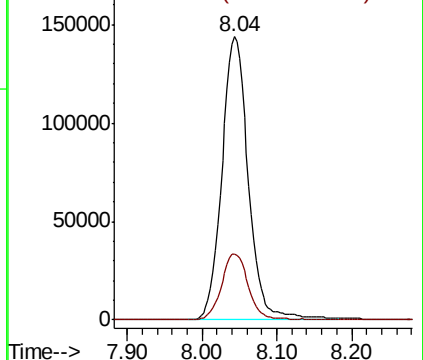


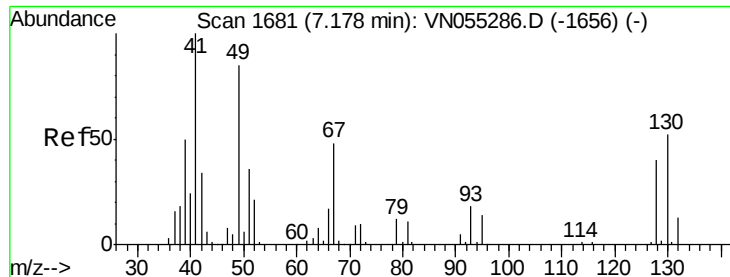
#40
Benzene
Concen: 19.375 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion: 78 Resp: 352349
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6



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





#41

Methacrylonitrile

Concen: 20.935 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

VN0506WBSD01

Tot Ion: 41 Resp: 52454

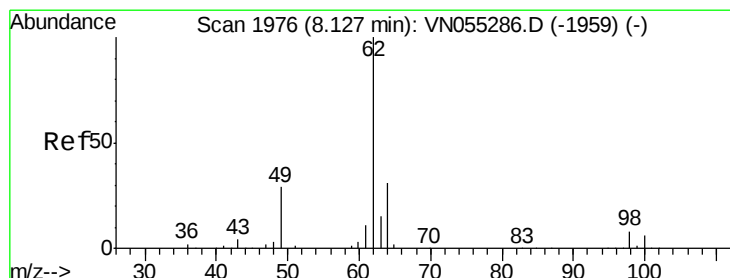
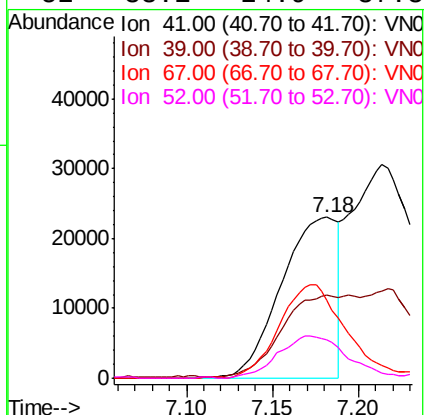
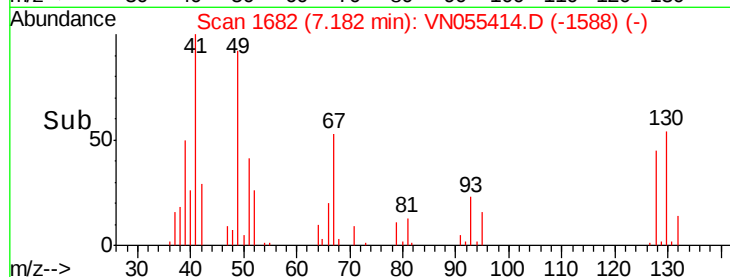
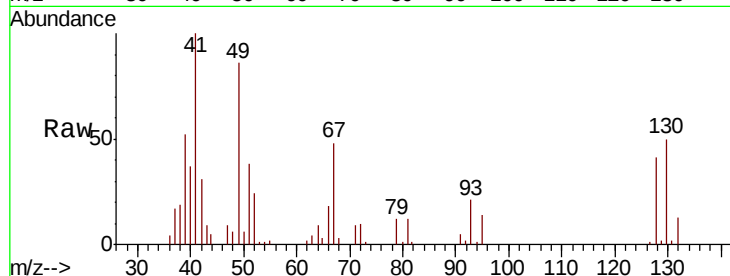
Ion Ratio Lower Upper

41 100

39 50.4 48.5 72.7

67 69.7 54.9 82.3

52 33.1 24.9 37.3



#42

1,2-Dichloroethane

Concen: 19.752 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN055414.D

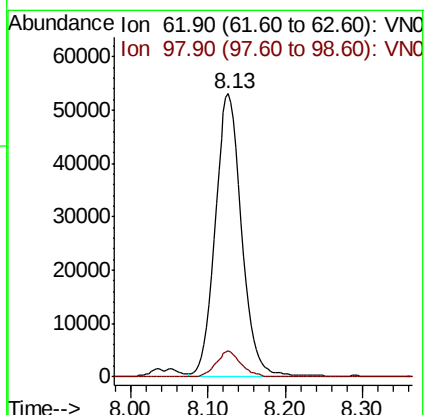
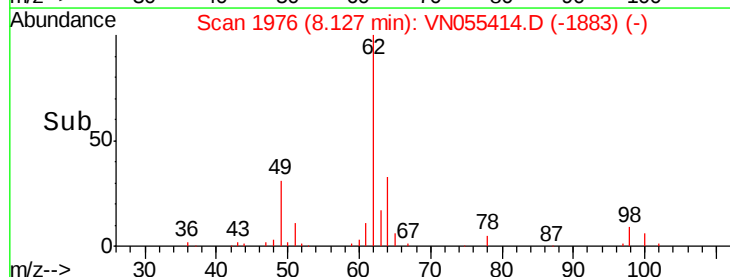
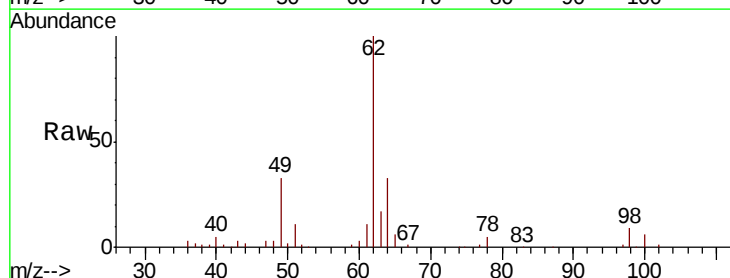
Acq: 6 May 2019 13:14

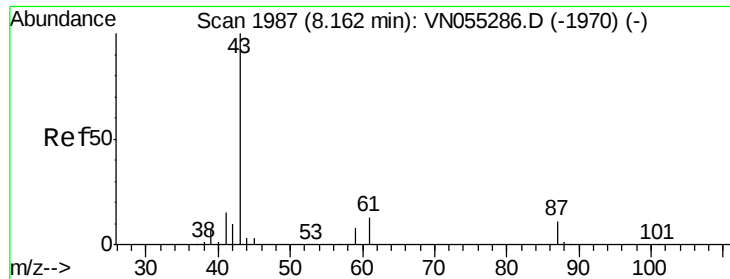
Tgt Ion: 62 Resp: 127228

Ion Ratio Lower Upper

62 100

98 8.5 0.0 16.4





#43

Isopropyl Acetate

Concen: 21.001 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBSD01

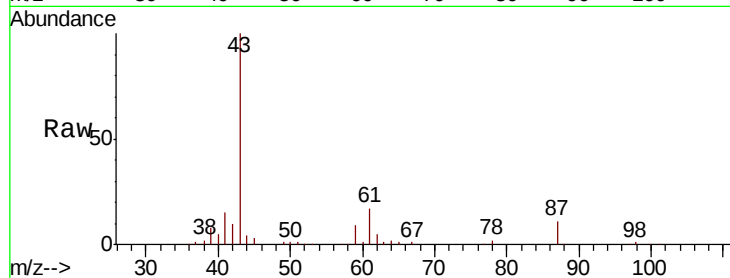
Tot Ion: 43 Resp: 159577

Ion Ratio Lower Upper

43 100

61 25.7 20.8 31.2

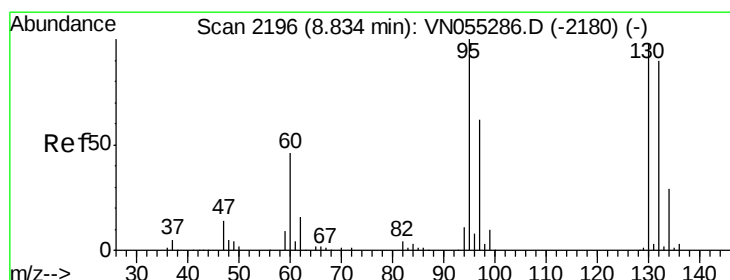
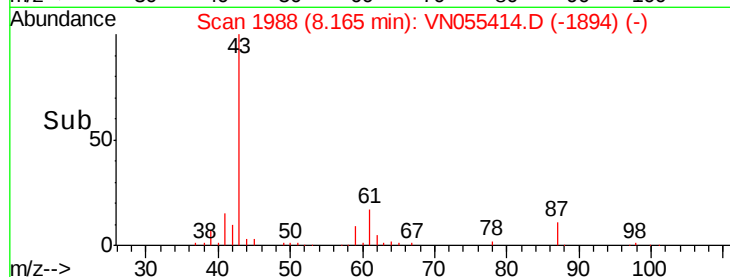
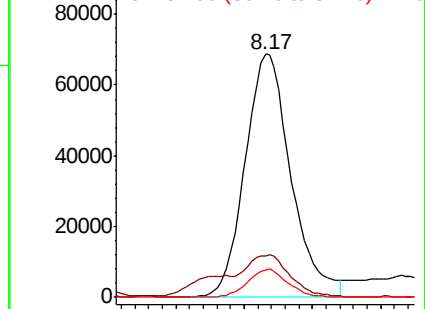
87 10.2 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)



#44

Trichloroethene

Concen: 18.942 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055414.D

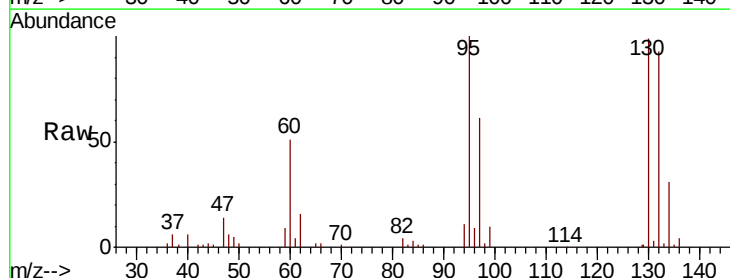
Acq: 6 May 2019 13:14

Tgt Ion:130 Resp: 87821

Ion Ratio Lower Upper

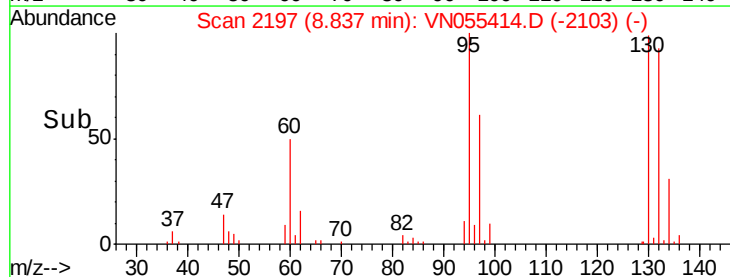
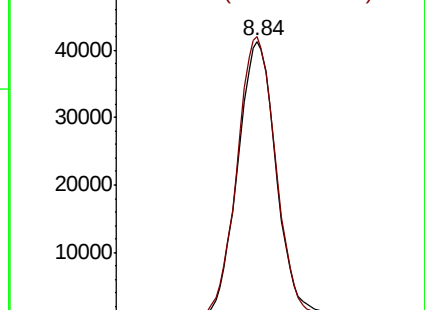
130 100

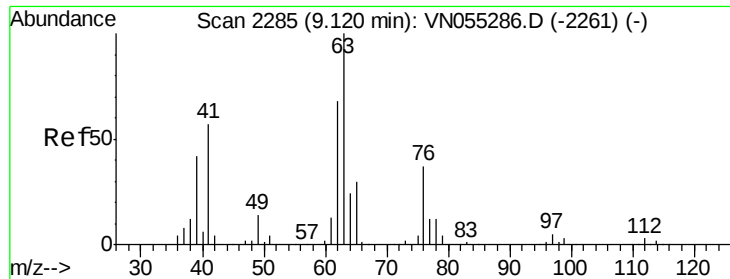
95 101.5 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055286.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055286.D (-2180) (-)

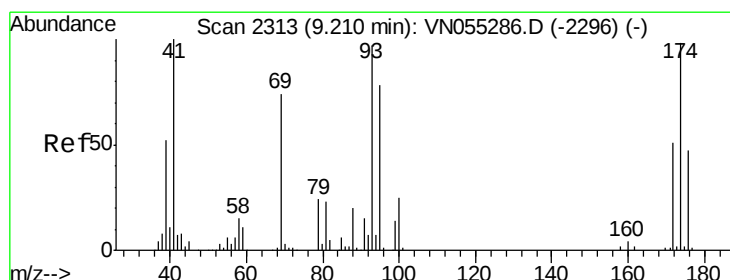
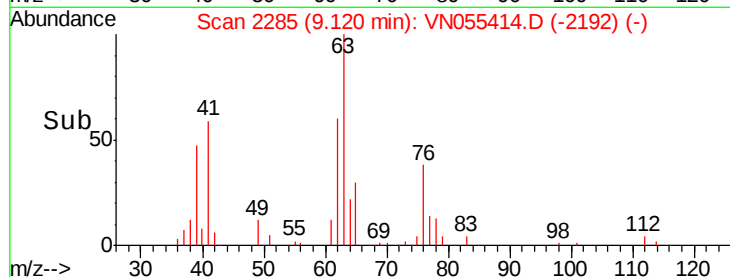
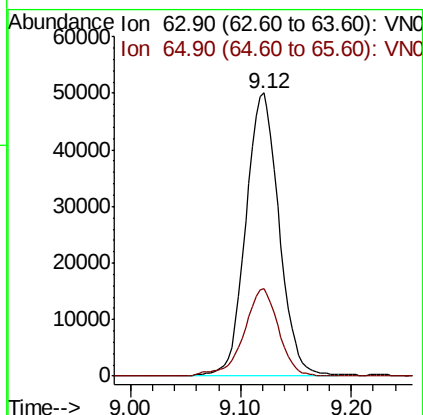
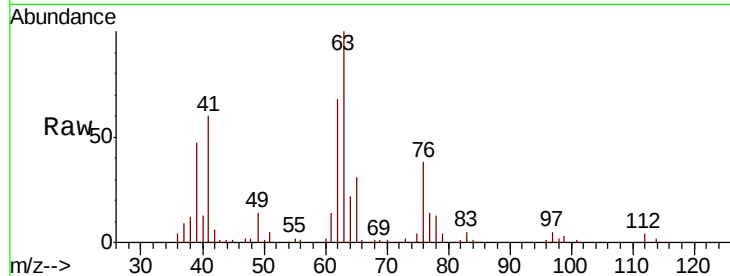




#45
 1,2-Dichloropropane
 Concen: 19.955 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

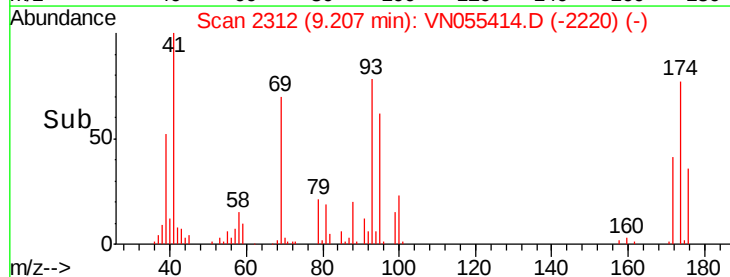
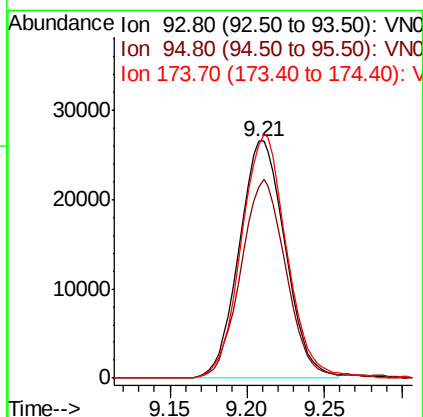
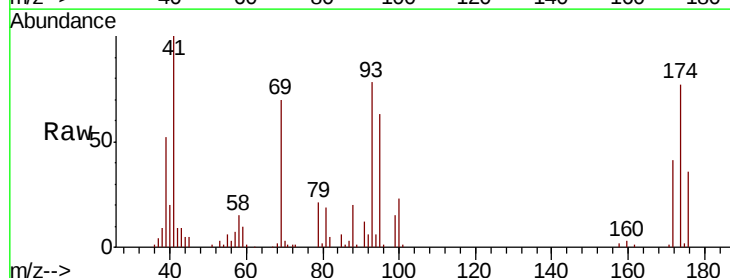
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBSD01

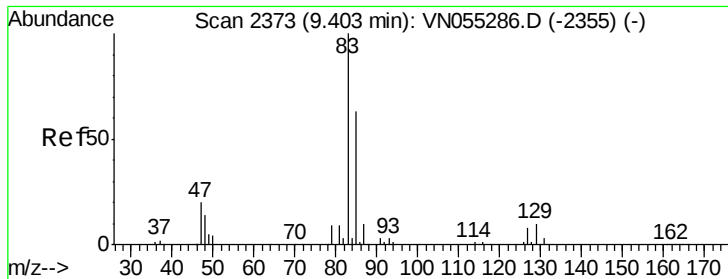
Tot Ion: 63 Resp: 104668
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.9 35.9



#46
 Dibromomethane
 Concen: 19.187 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

Tgt Ion: 93 Resp: 55011
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.7 98.5
 174 101.6 81.5 122.3





#47

Bromodichloromethane

Concen: 19.604 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBSD01

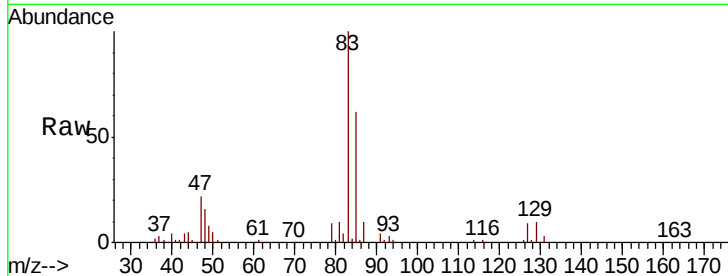
Tot Ion: 83 Resp: 120576

Ion Ratio Lower Upper

83 100

85 62.4 50.1 75.1

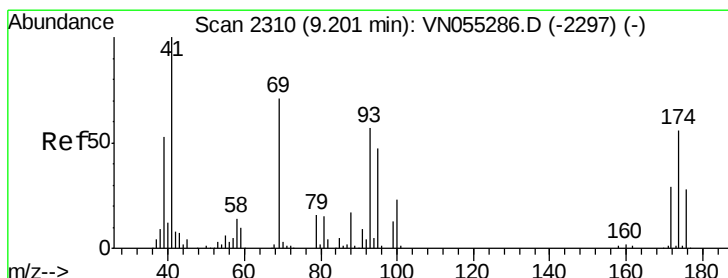
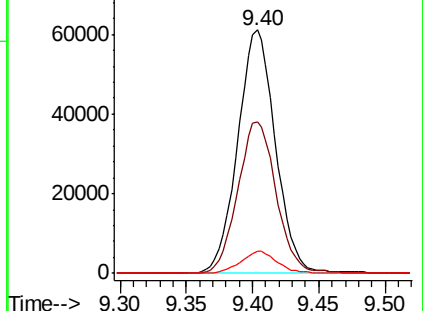
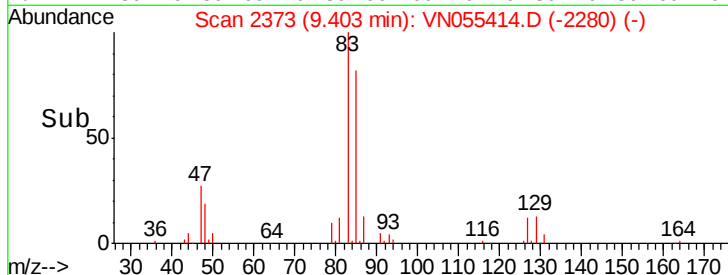
127 9.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055414.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055414.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055414.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.810 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

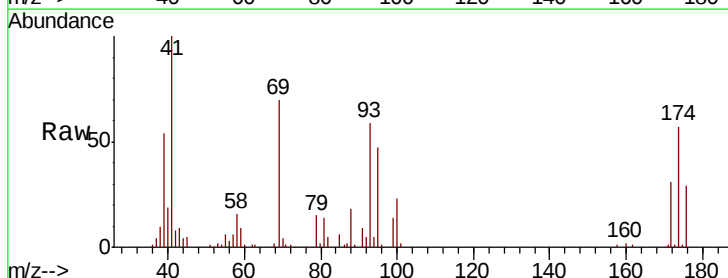
Tgt Ion: 41 Resp: 73997

Ion Ratio Lower Upper

41 100

69 72.1 58.6 87.8

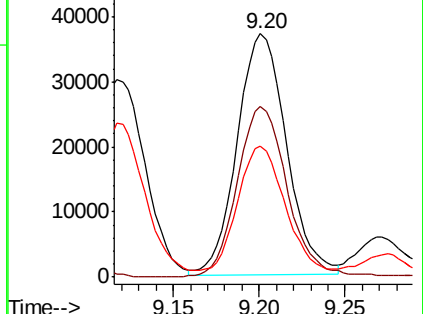
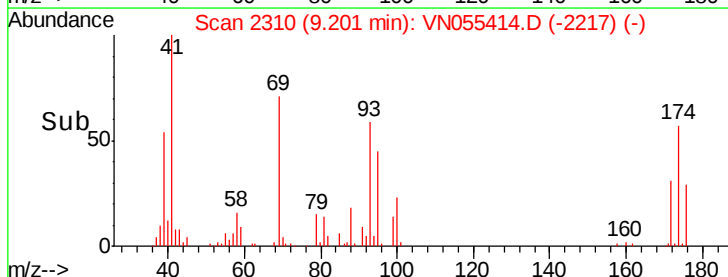
39 53.3 43.8 65.6

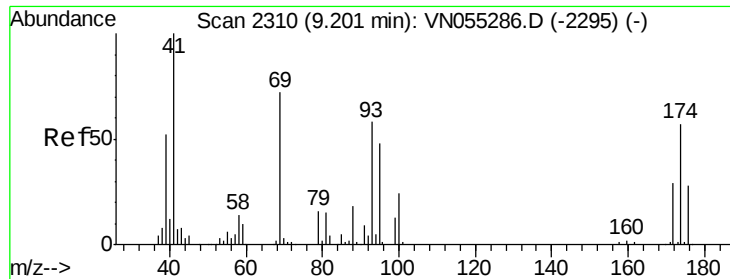


Abundance Ion 41.00 (40.70 to 41.70): VN055414.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055414.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055414.D (-2217) (-)





#49

1,4-Dioxane

Concen: 402.135 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBSD01

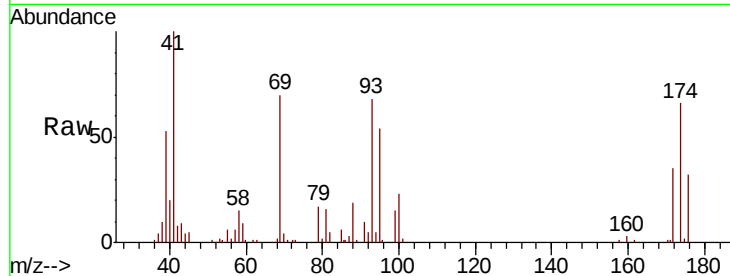
Tot Ion: 88 Resp: 15528

Ion Ratio Lower Upper

88 100

43 36.0 33.3 49.9

58 80.3 62.7 94.1

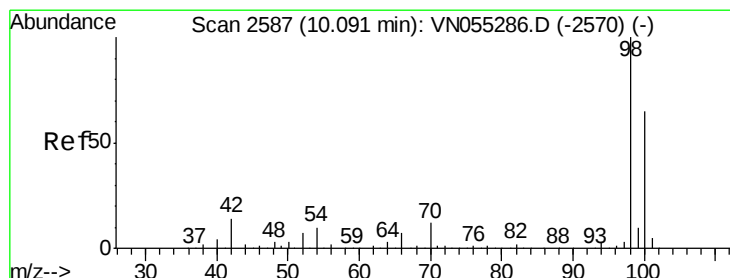
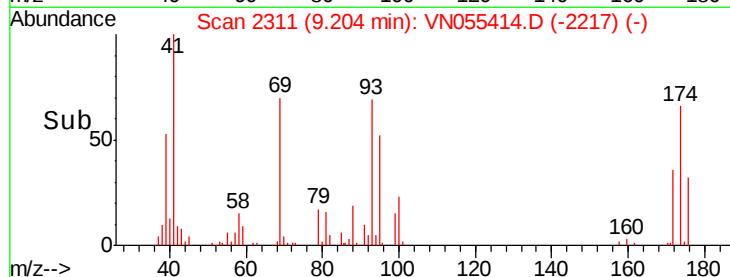
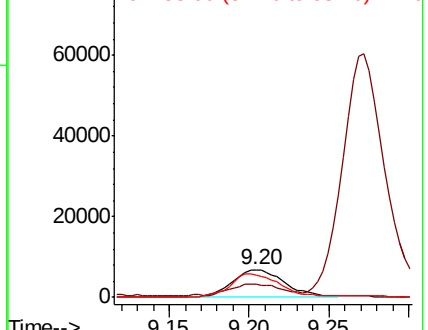


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.140 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055414.D

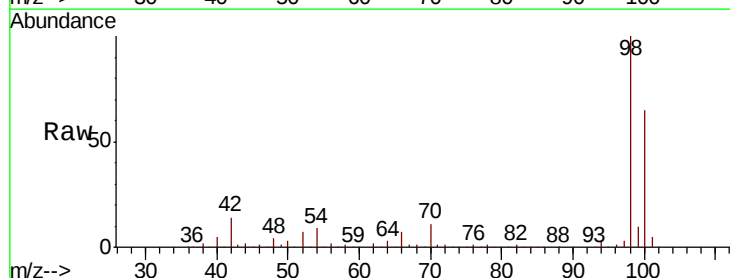
Acq: 6 May 2019 13:14

Tgt Ion: 98 Resp: 734847

Ion Ratio Lower Upper

98 100

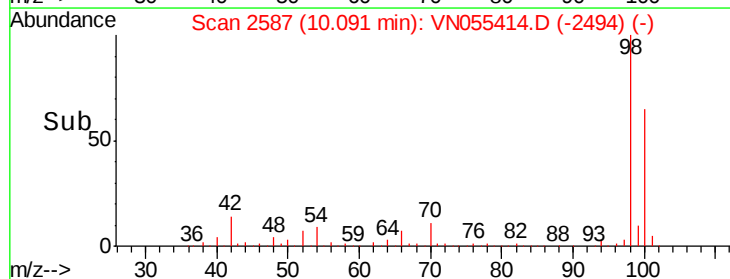
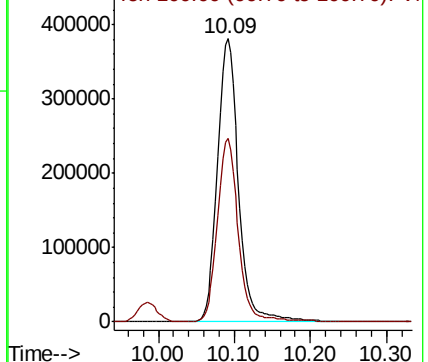
100 64.4 51.7 77.5



Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 103.024 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleID :

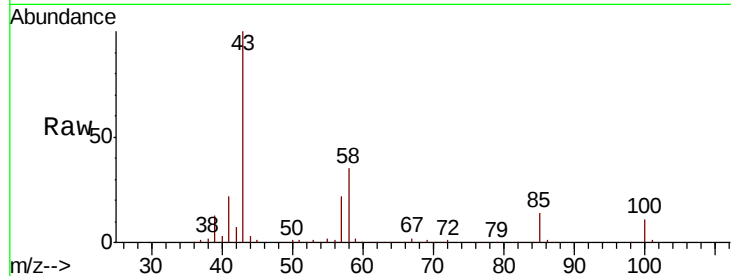
VN0506WBSD01

Tot Ion: 43 Resp: 440738

Ion Ratio Lower Upper

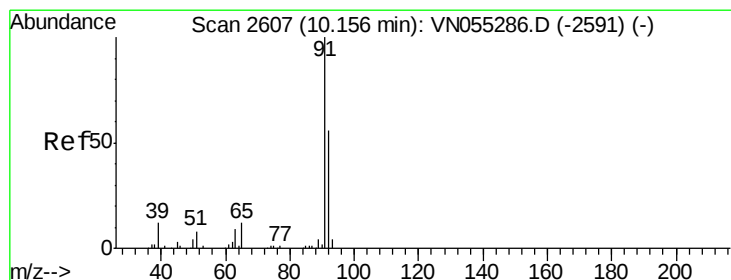
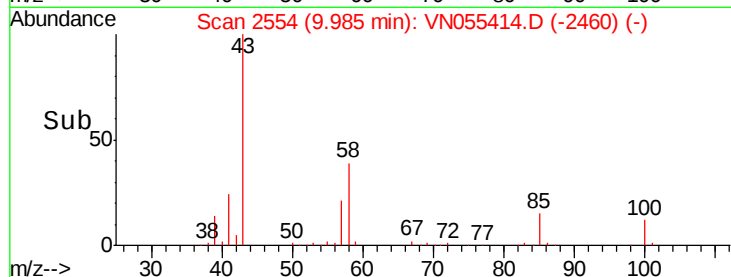
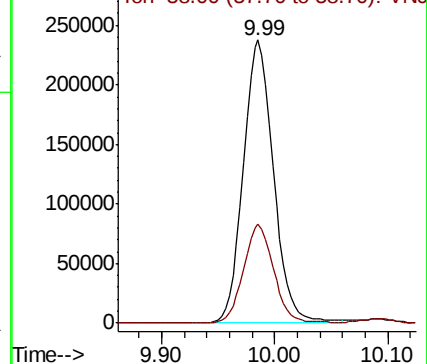
43 100

58 34.9 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.194 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055414.D

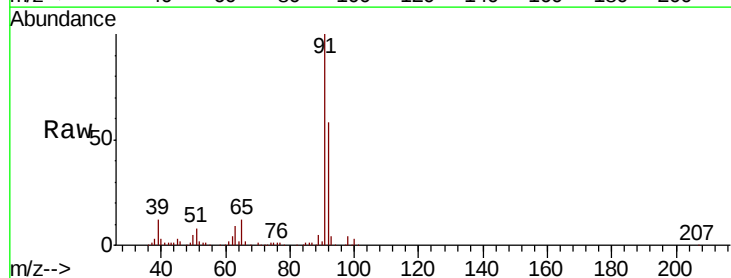
Acq: 6 May 2019 13:14

Tgt Ion: 92 Resp: 200282

Ion Ratio Lower Upper

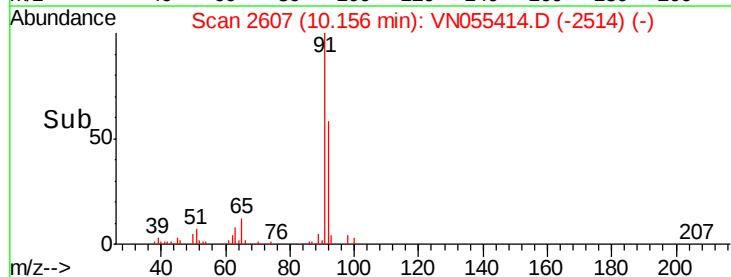
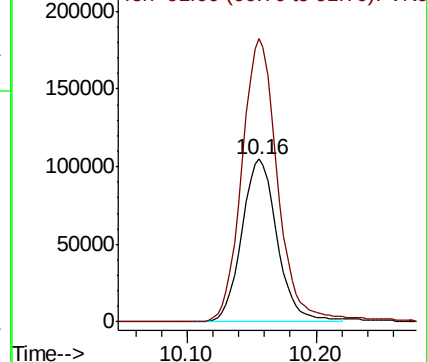
92 100

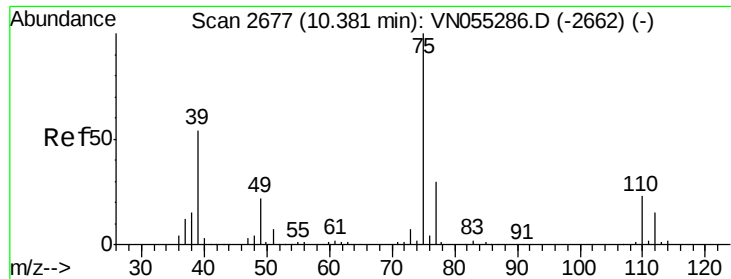
91 177.8 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 19.532 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

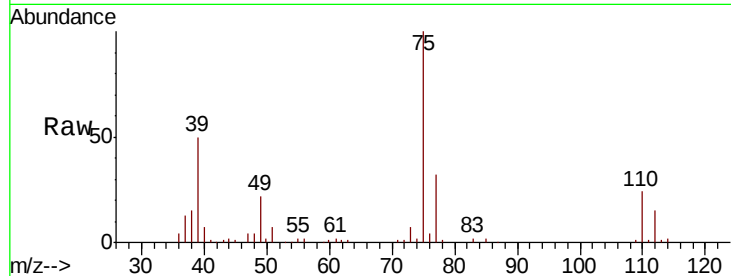
VN0506WBSD01

Tot Ion: 75 Resp: 104291

Ion Ratio Lower Upper

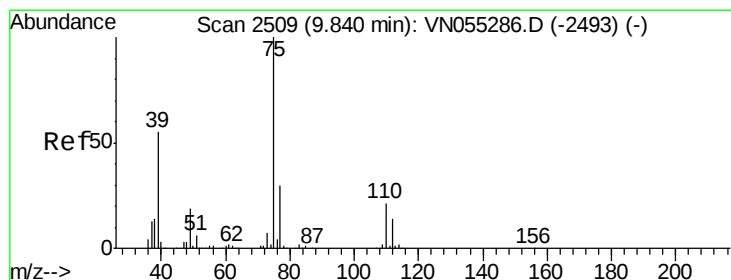
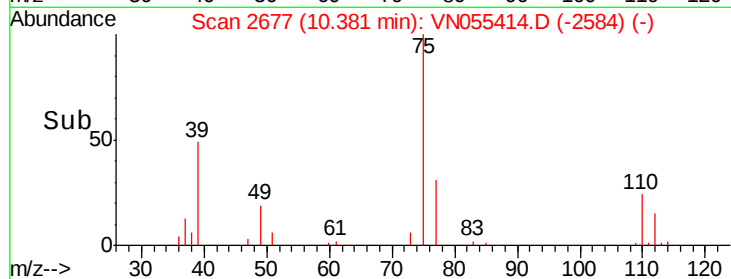
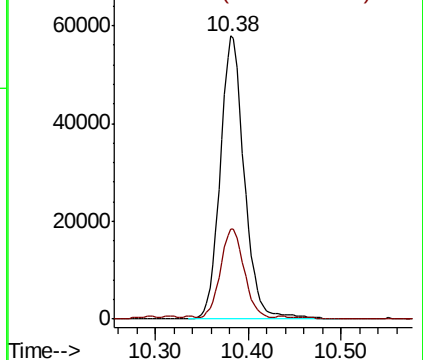
75 100

77 31.5 24.4 36.6



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: 19.020 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

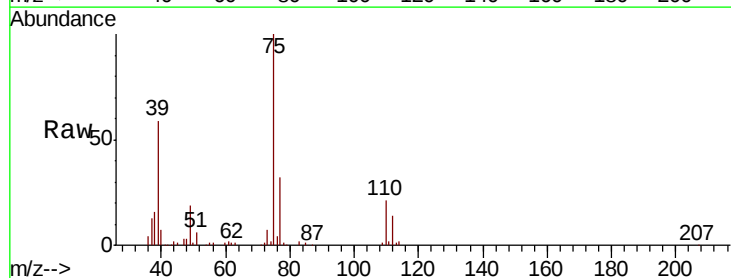
Tgt Ion: 75 Resp: 126622

Ion Ratio Lower Upper

75 100

77 32.0 24.2 36.2

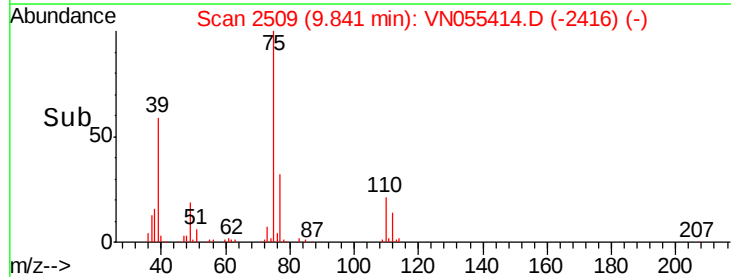
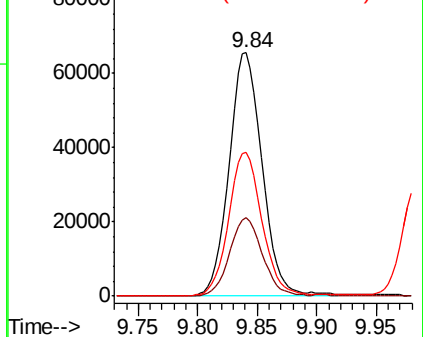
39 58.9 44.2 66.2

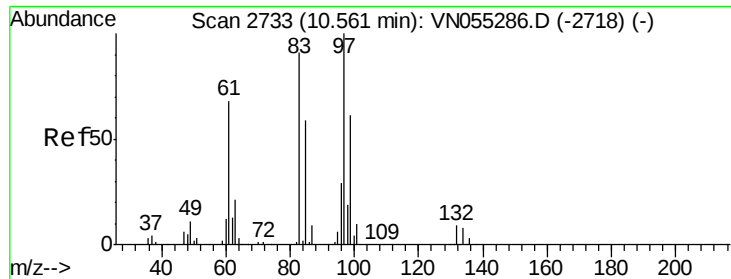


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

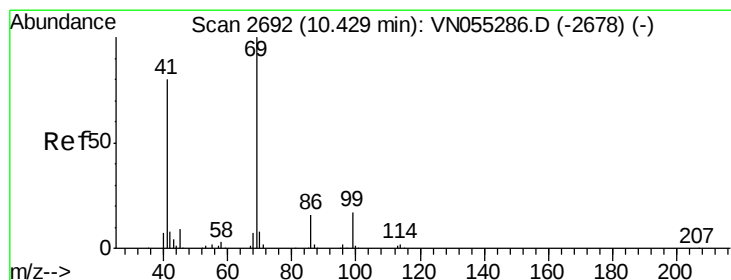
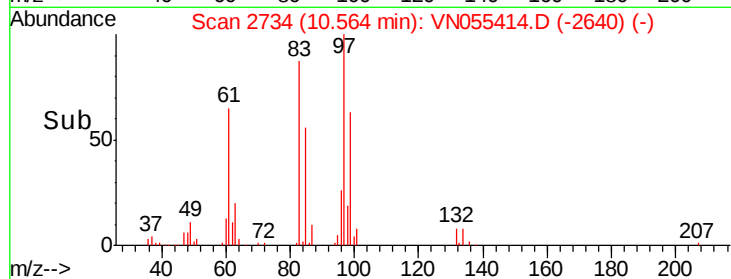
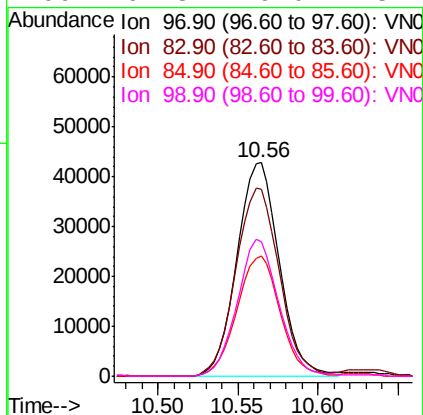
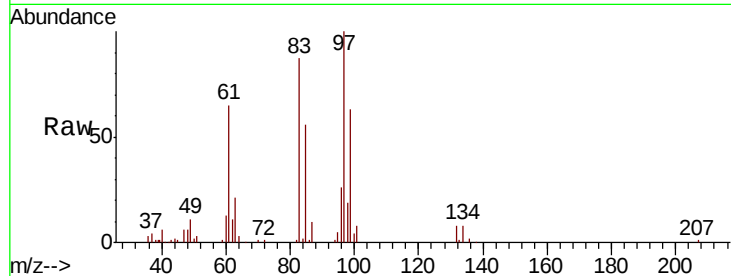




#55
 1,1,2-Trichloroethane
 Concen: 19.930 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

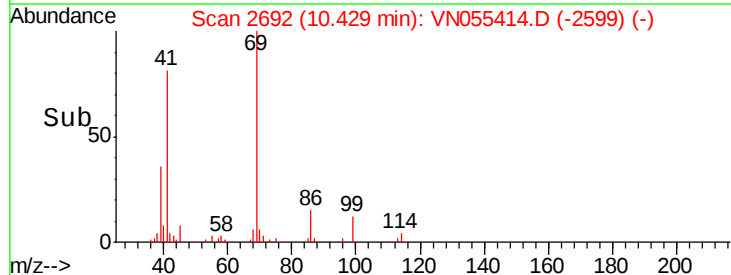
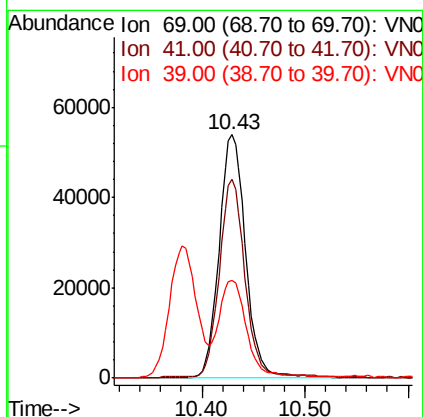
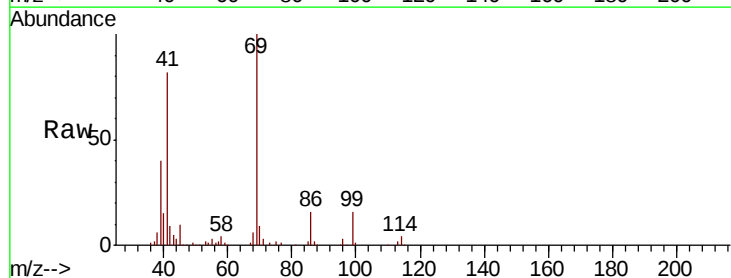
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBSD01

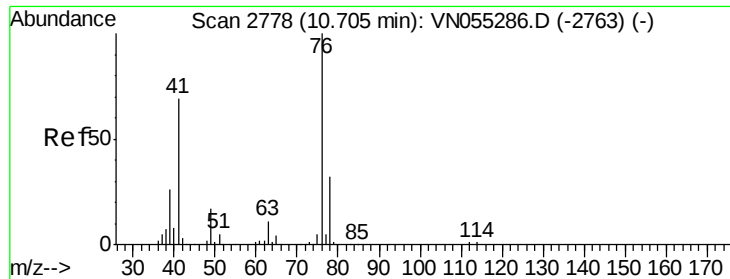
Tot Ion: 97 Resp: 77227
 Ion Ratio Lower Upper
 97 100
 83 87.4 72.8 109.2
 85 56.1 47.0 70.6
 99 62.8 49.0 73.4



#56
 Ethyl methacrylate
 Concen: 20.201 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

Tgt Ion: 69 Resp: 96346
 Ion Ratio Lower Upper
 69 100
 41 77.3 62.7 94.1
 39 40.3 32.0 48.0

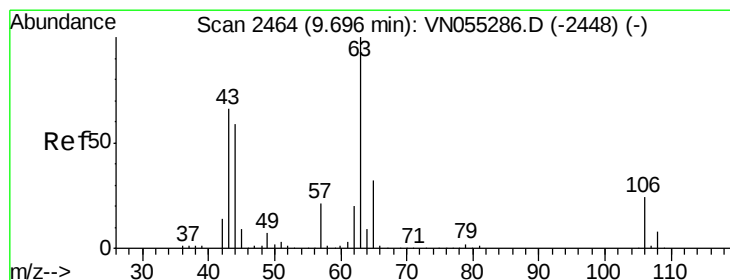
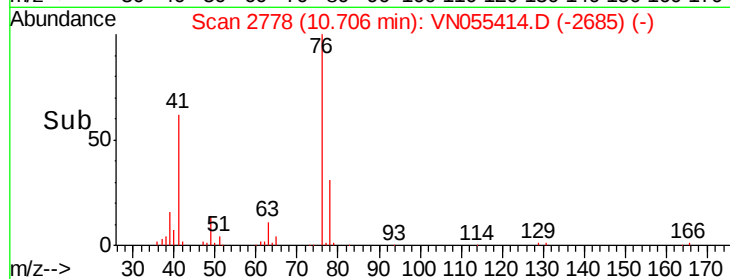
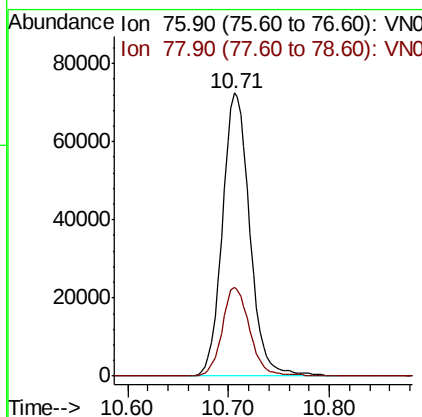
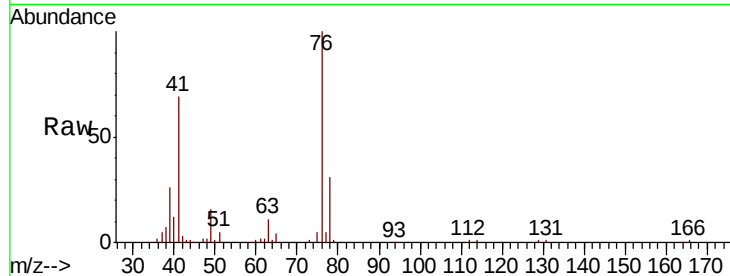




#57
 1,3-Dichloropropane
 Concen: 20.185 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

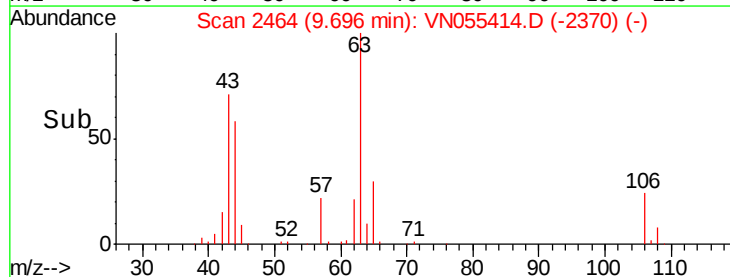
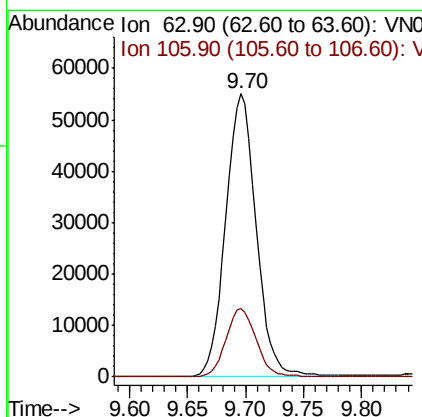
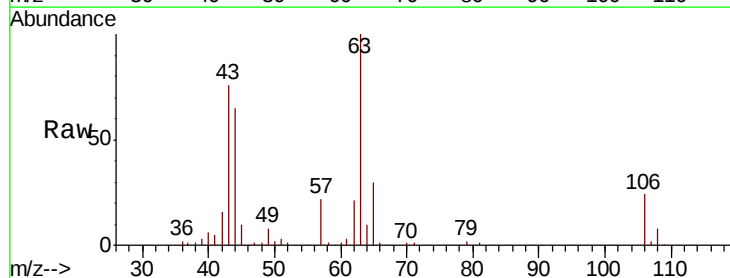
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBSD01

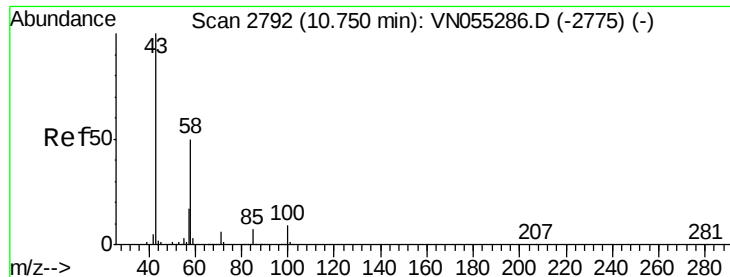
Tot Ion: 76 Resp: 137207
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 76.864 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

Tgt Ion: 63 Resp: 100390
 Ion Ratio Lower Upper
 63 100
 106 23.6 19.0 28.4

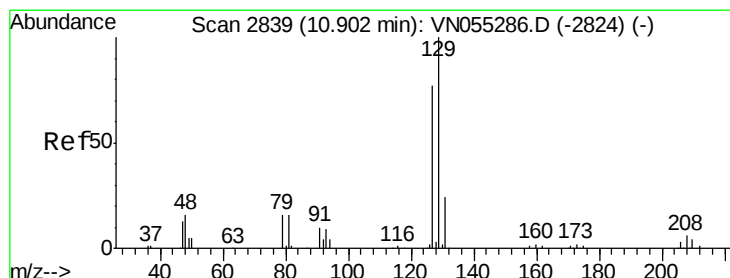
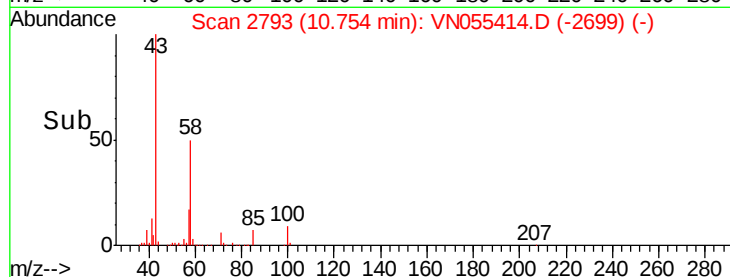
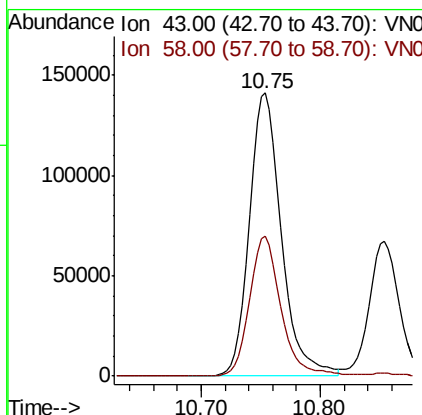
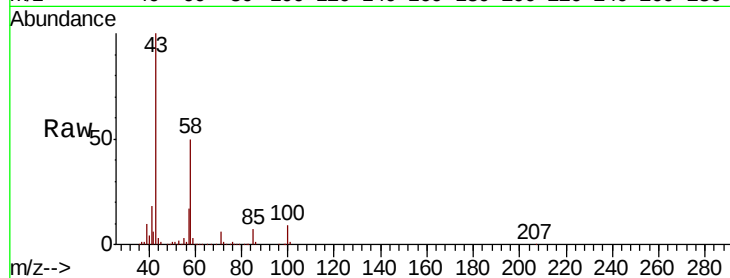




#59
2-Hexanone
Concen: 97.438 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

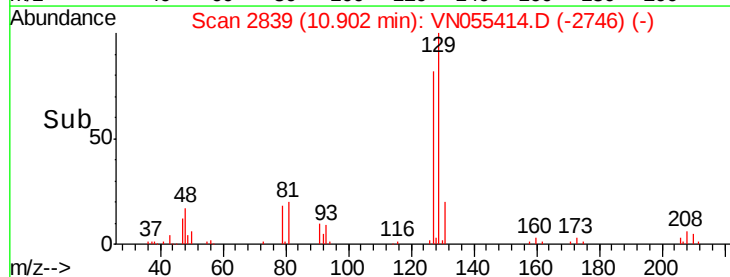
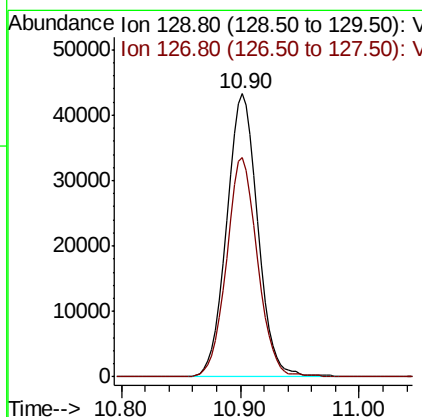
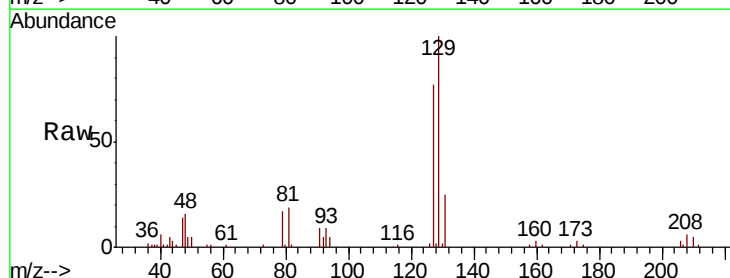
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBSD01

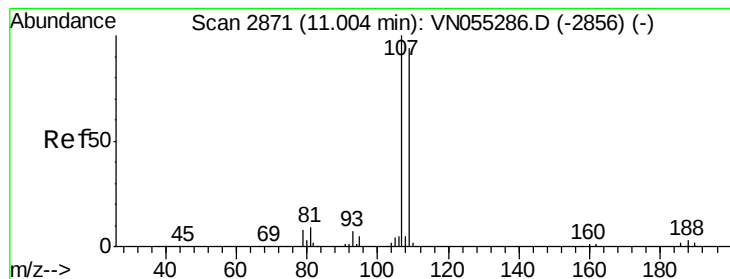
Tot Ion: 43 Resp: 260812
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6



#60
Dibromochloromethane
Concen: 19.826 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion: 129 Resp: 78514
Ion Ratio Lower Upper
129 100
127 77.0 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.639 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

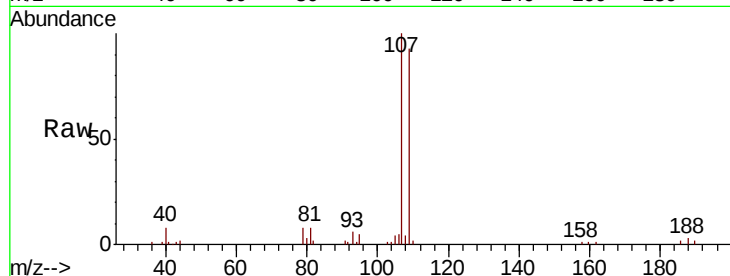
VN0506WBSD01

Tot Ion: 107 Resp: 70336

Ion Ratio Lower Upper

107 100

109 94.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

40000

30000

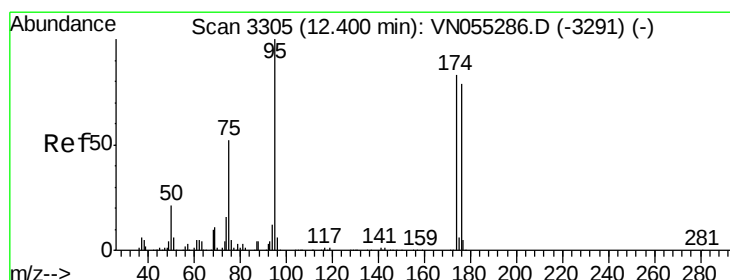
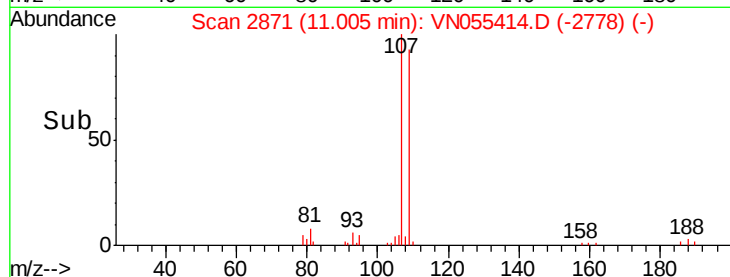
20000

10000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 49.975 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

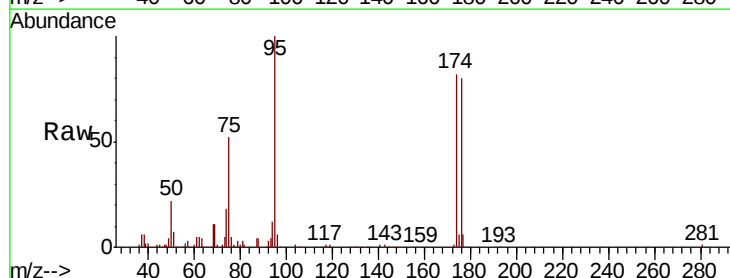
Tgt Ion: 95 Resp: 238418

Ion Ratio Lower Upper

95 100

174 82.7 0.0 166.6

176 79.7 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

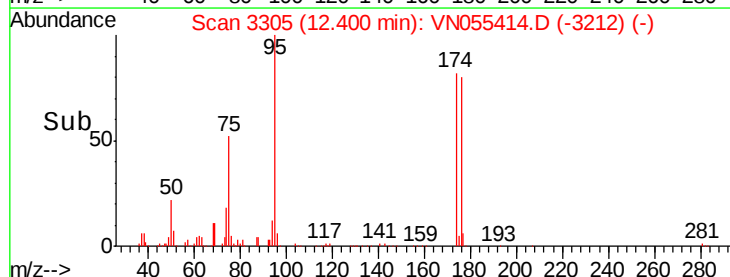
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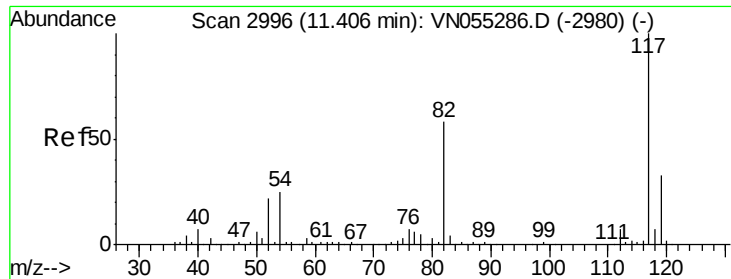
50000

0

Time-->

12.30 12.40 12.50

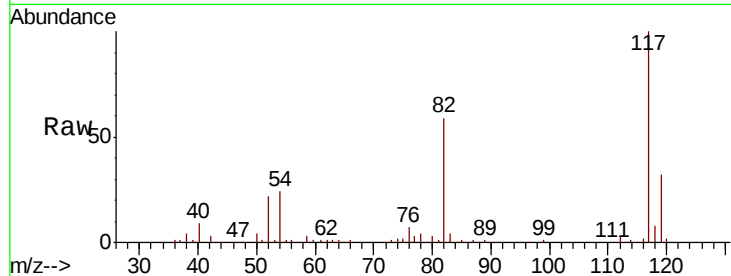




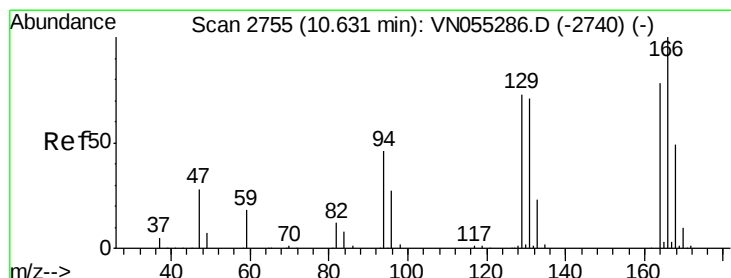
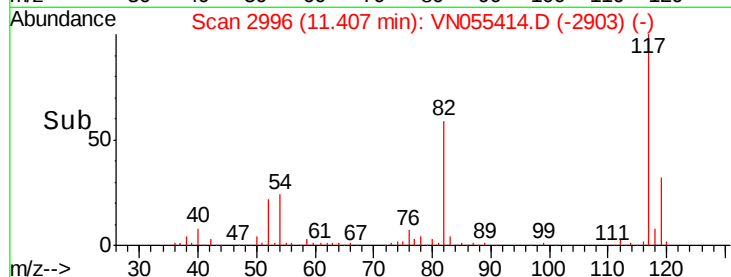
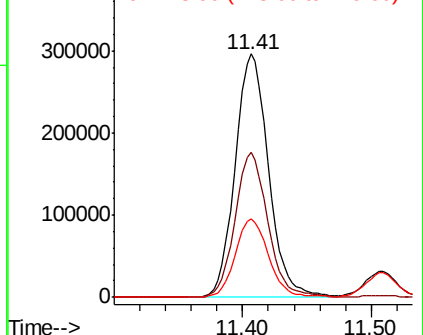
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBSD01

Tot Ion:117 Resp: 534373
Ion Ratio Lower Upper
117 100
82 59.4 46.2 69.4
119 32.1 26.6 40.0

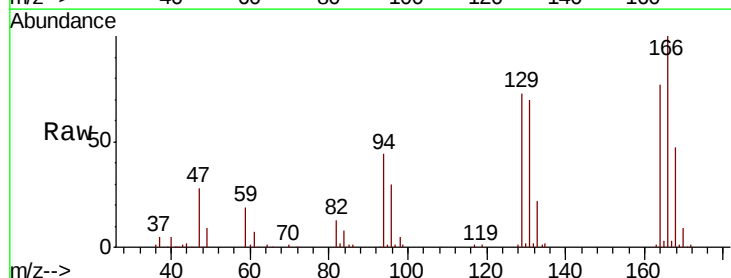


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

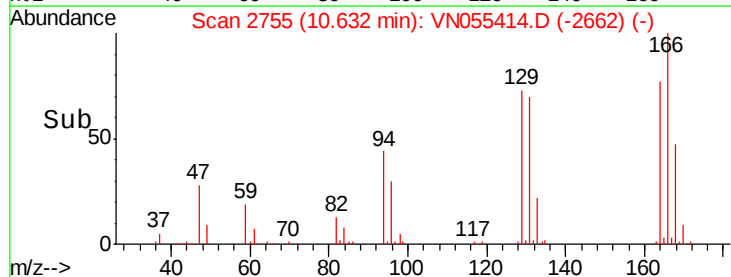
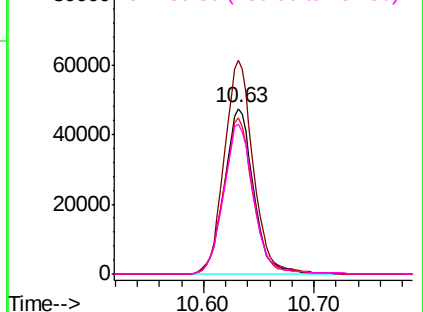


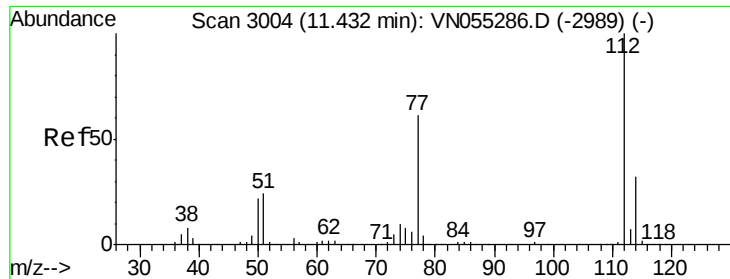
#64
Tetrachloroethene
Concen: 19.991 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion:164 Resp: 87362
Ion Ratio Lower Upper
164 100
166 129.3 102.3 153.5
129 94.2 75.0 112.6
131 90.9 72.7 109.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

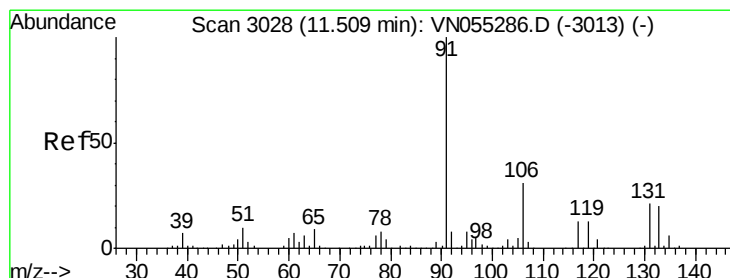
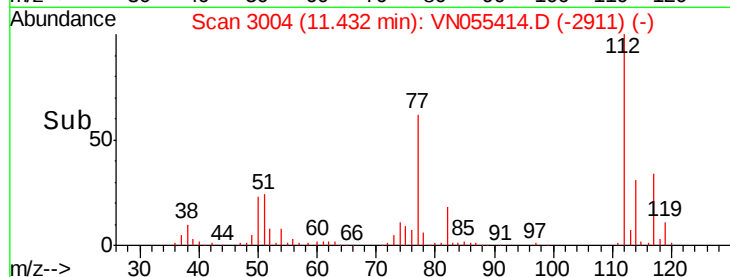
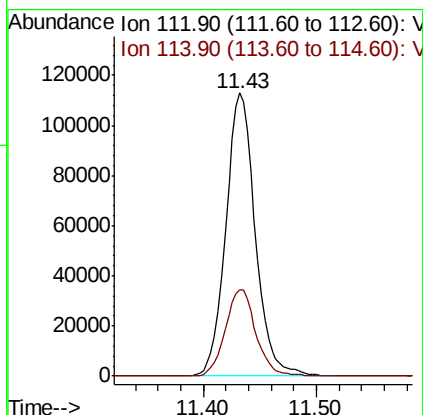
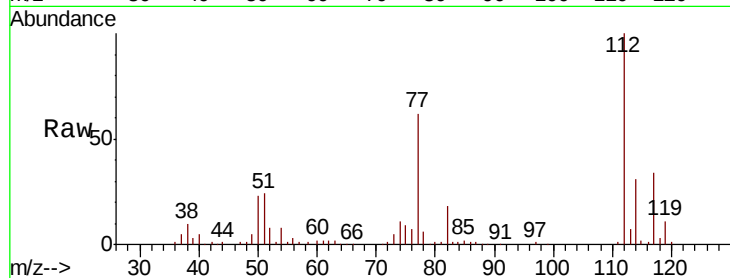




#65
Chlorobenzene
Concen: 19.555 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

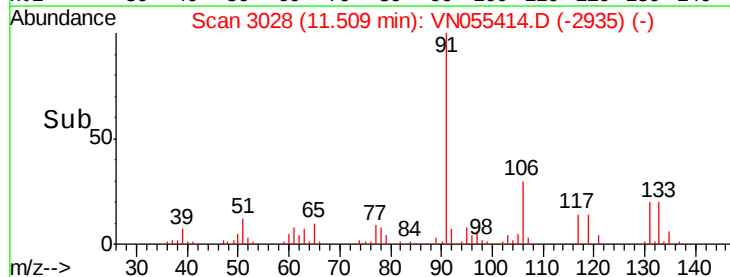
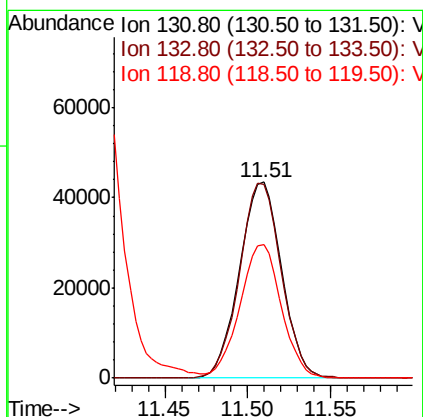
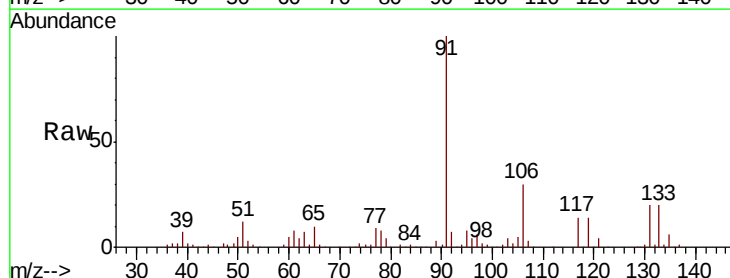
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBSD01

Tot Ion:112 Resp: 204308
Ion Ratio Lower Upper
112 100
114 30.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.764 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion:131 Resp: 76762
Ion Ratio Lower Upper
131 100
133 98.9 47.5 142.6
119 67.2 32.7 98.1

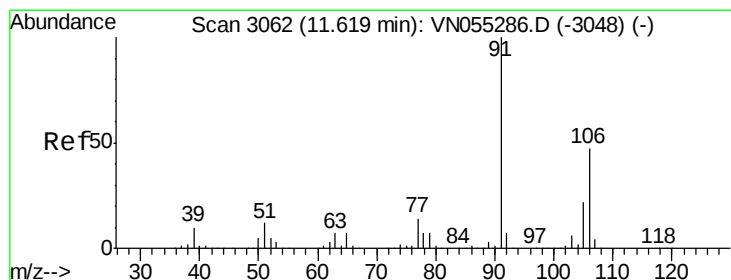
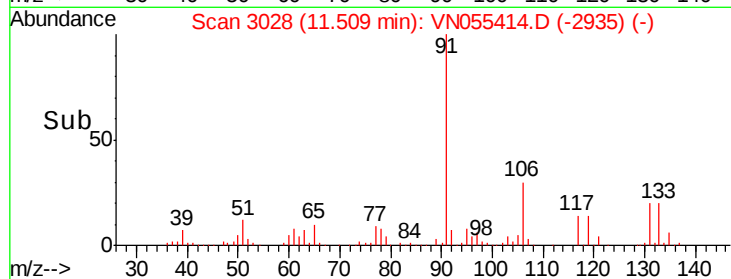
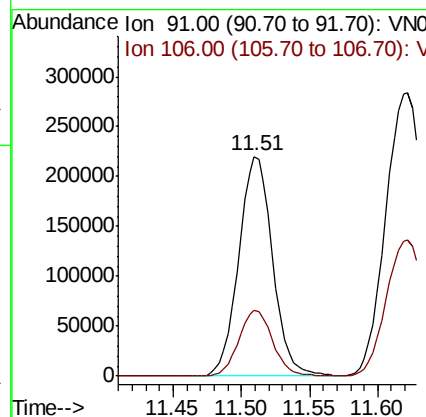
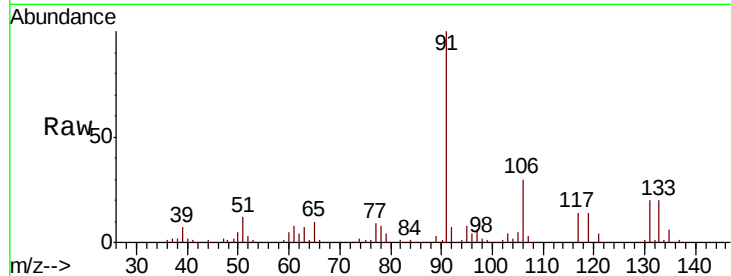




#67
Ethyl Benzene
Concen: 20.072 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

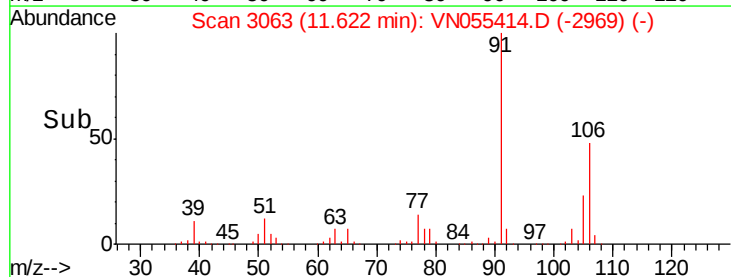
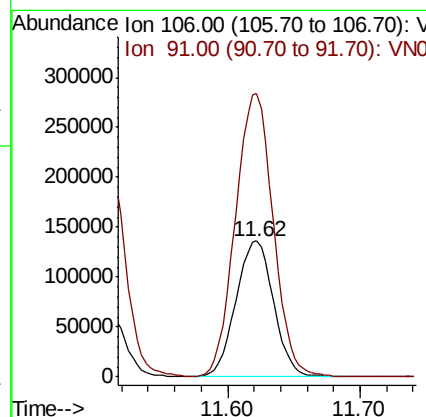
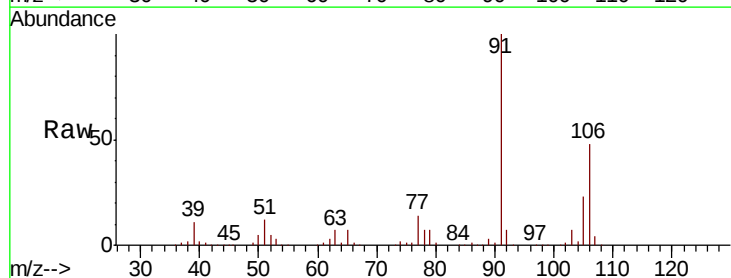
Instrument :
MSVOA_N
ClientSampled :
VN0506WBSD01

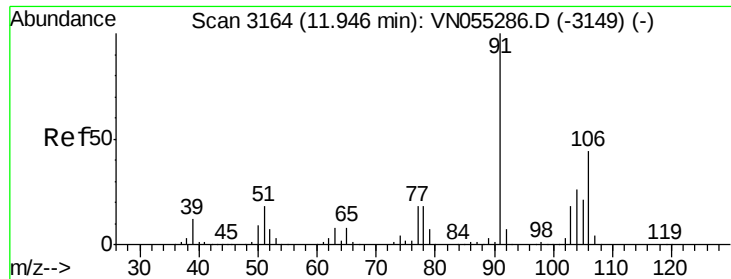
Tot Ion: 91 Resp: 378686
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8



#68
m/p-Xylenes
Concen: 39.915 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion: 106 Resp: 268799
Ion Ratio Lower Upper
106 100
91 208.7 169.5 254.3

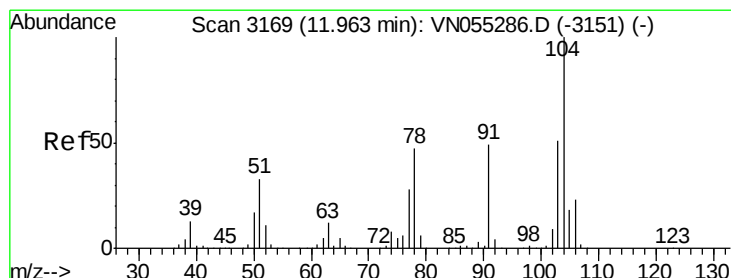
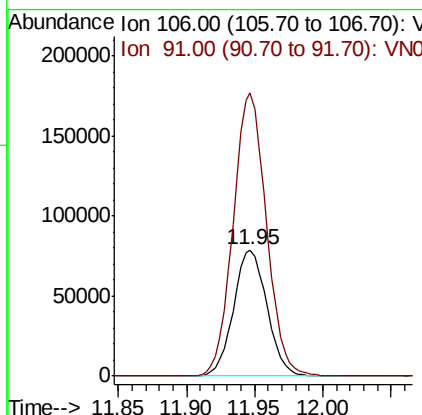
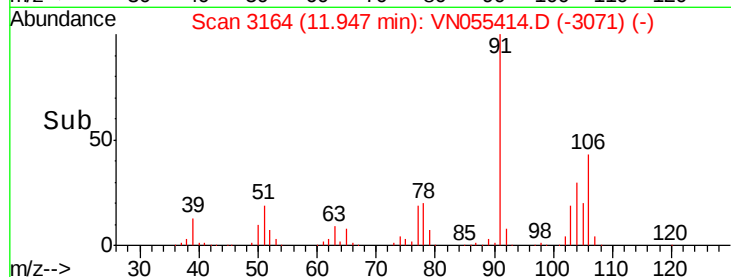
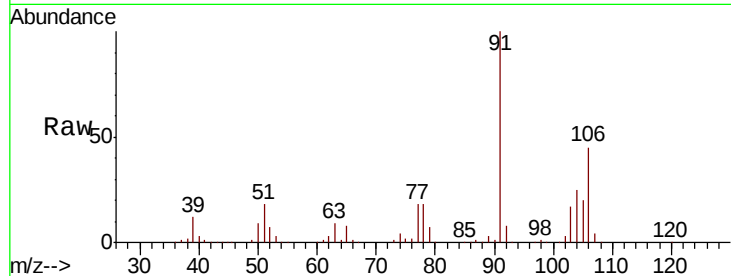




#69
o-Xylene
Concen: 20.084 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

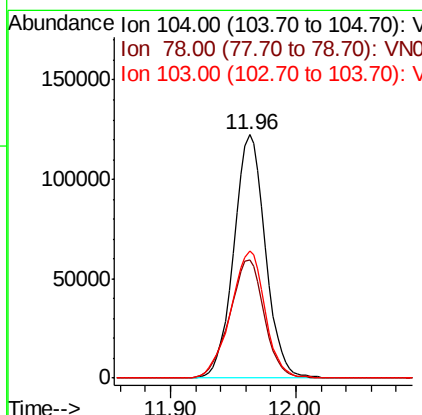
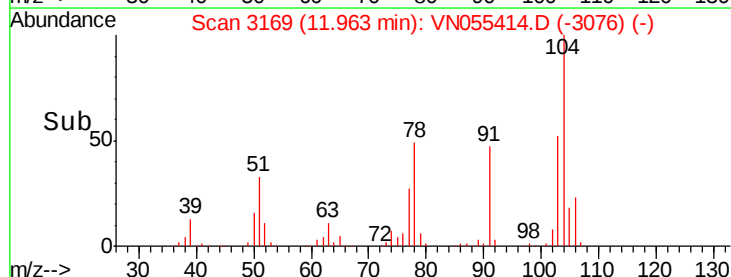
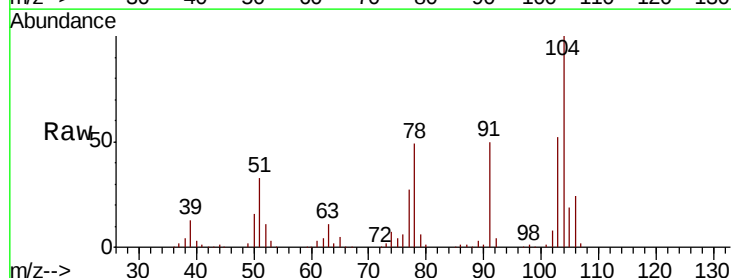
Instrument :
MSVOA_N
ClientSampled :
VN0506WBSD01

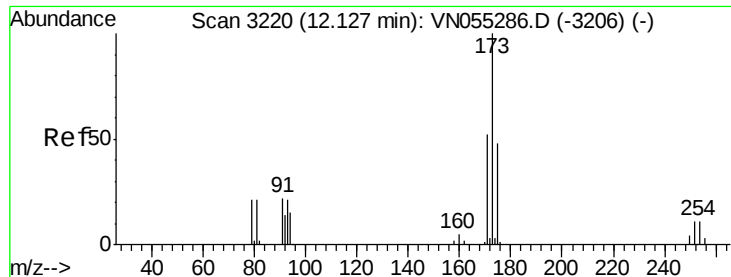
Tot Ion:106 Resp: 134057
Ion Ratio Lower Upper
106 100
91 222.7 111.5 334.5



#70
Styrene
Concen: 20.876 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion:104 Resp: 213943
Ion Ratio Lower Upper
104 100
78 53.2 42.2 63.2
103 56.9 44.6 67.0

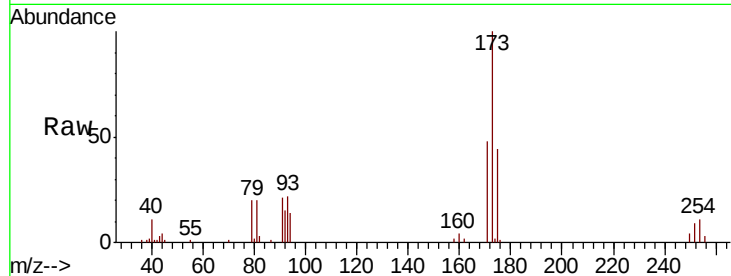




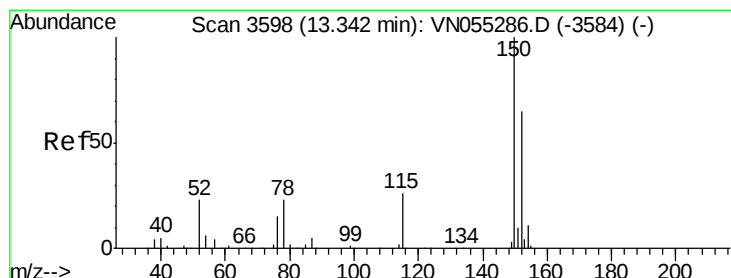
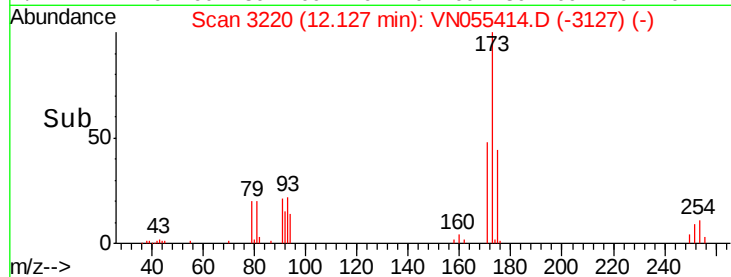
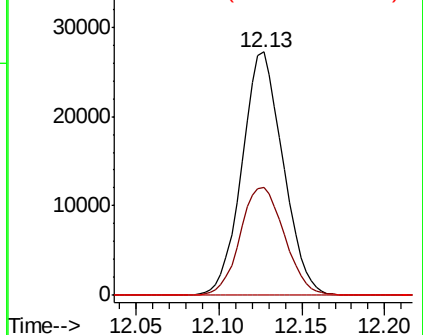
#71
Bromoform
Concen: 20.681 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Instrument :
MSVOA_N
ClientSampled :
VN0506WBSD01

Tot Ion:173 Resp: 46947
Ion Ratio Lower Upper
173 100
175 47.7 23.6 71.0
254 0.0 0.0 0.0

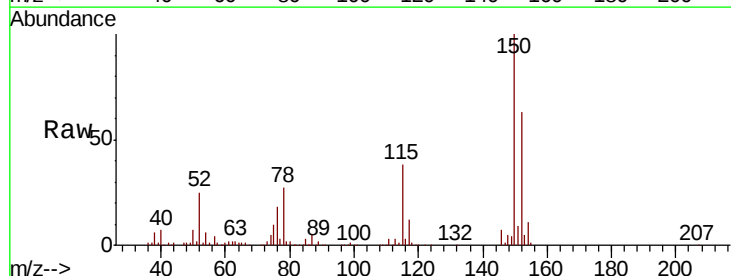


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

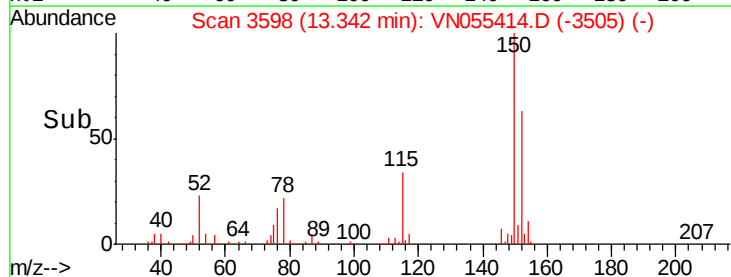
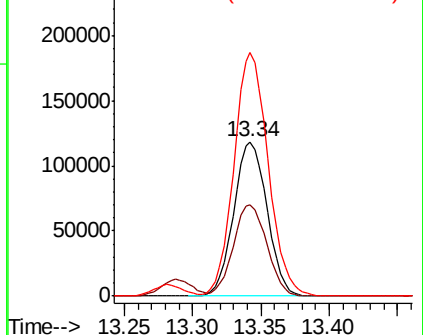


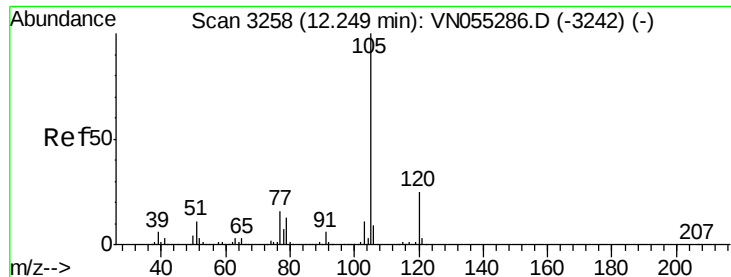
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion:152 Resp: 201000
Ion Ratio Lower Upper
152 100
115 59.6 29.0 87.0
150 161.8 0.0 345.6



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





#73

Isopropylbenzene

Concen: 20.803 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

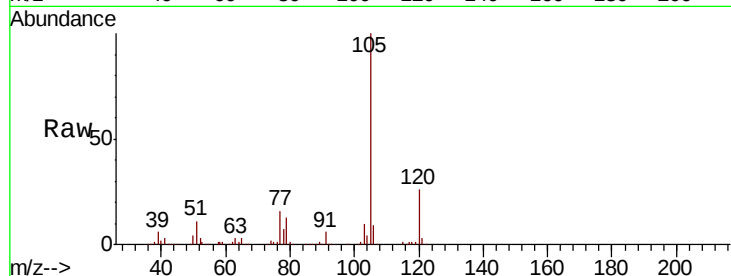
VN0506WBSD01

Tot Ion:105 Resp: 362245

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

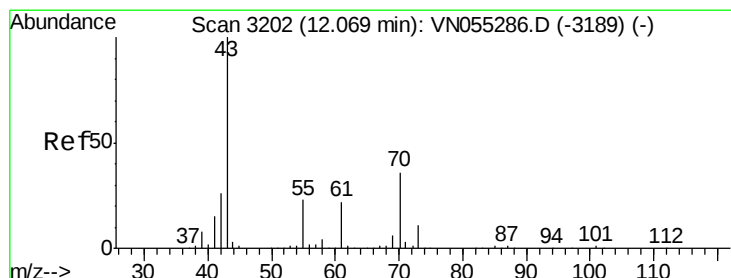
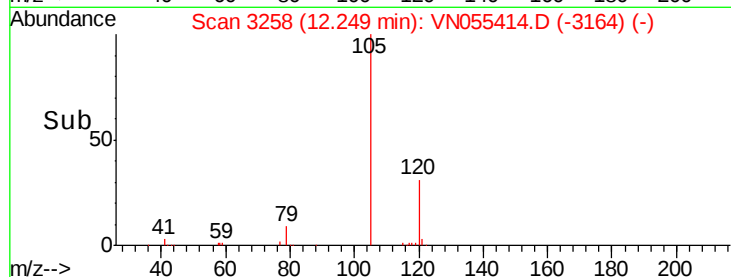
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 18.570 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Tgt Ion: 43 Resp: 95791

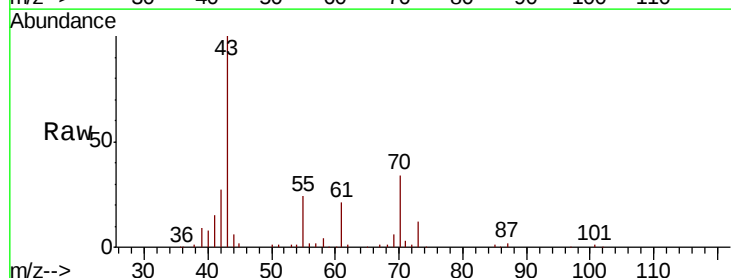
Ion Ratio Lower Upper

43 100

70 34.3 27.9 41.9

55 22.9 18.2 27.2

61 20.3 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

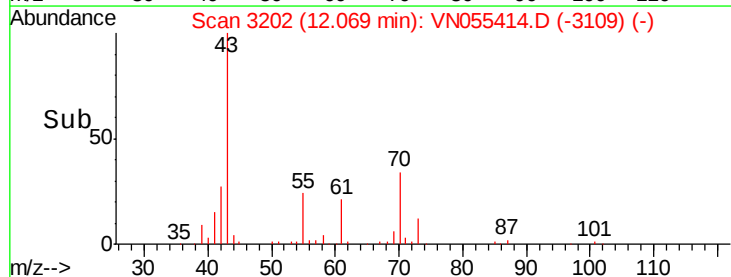
40000

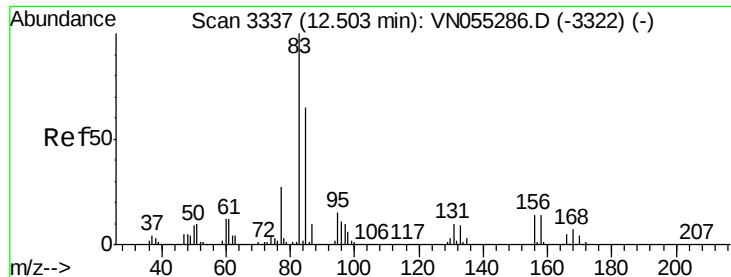
20000

0

12.00 12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.995 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBSD01

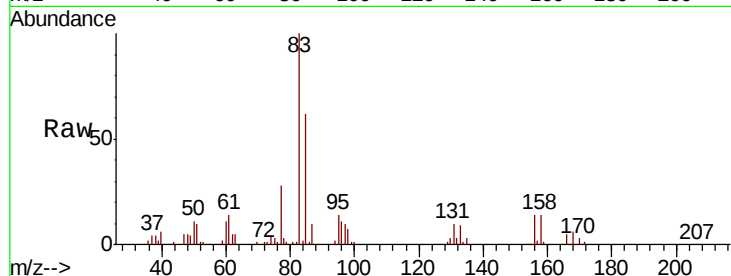
Tot Ion: 83 Resp: 90960

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

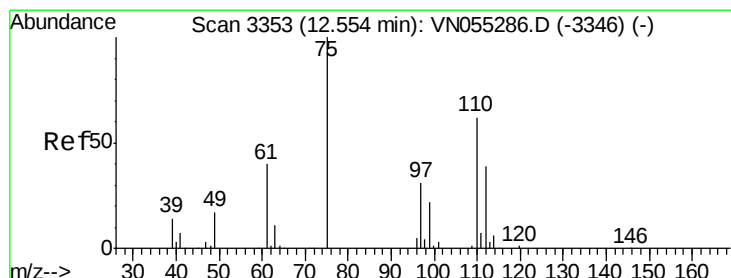
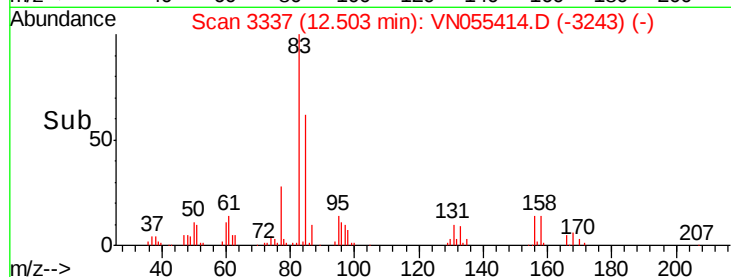
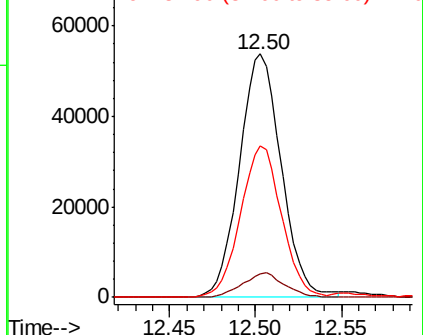
85 60.8 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.163 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055414.D

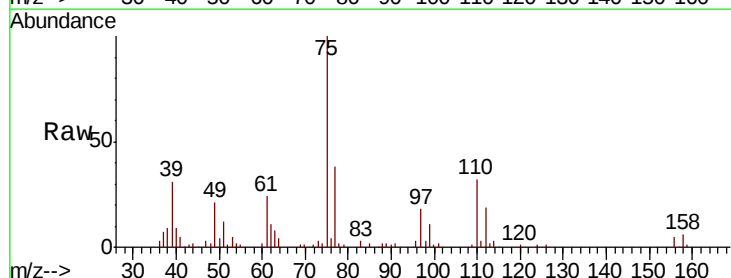
Acq: 6 May 2019 13:14

Tgt Ion: 75 Resp: 105779

Ion Ratio Lower Upper

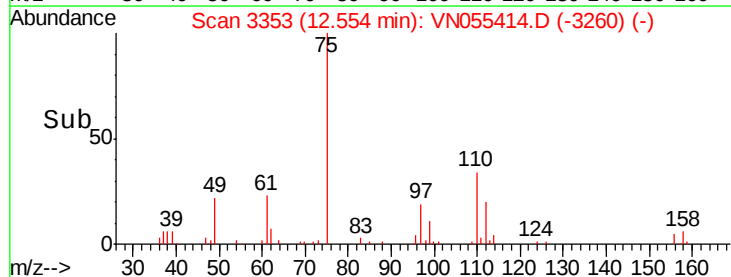
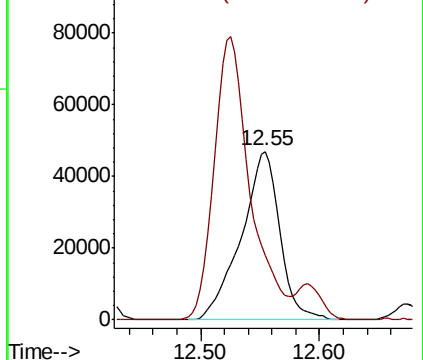
75 100

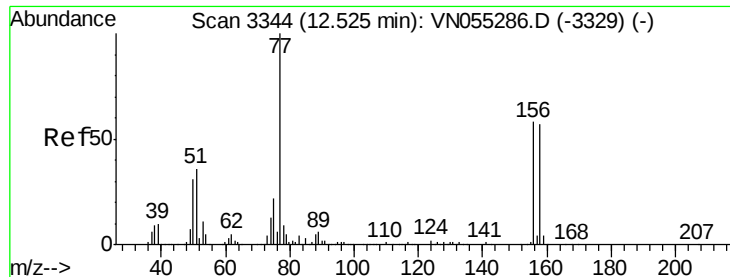
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.115 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

VN0506WBSD01

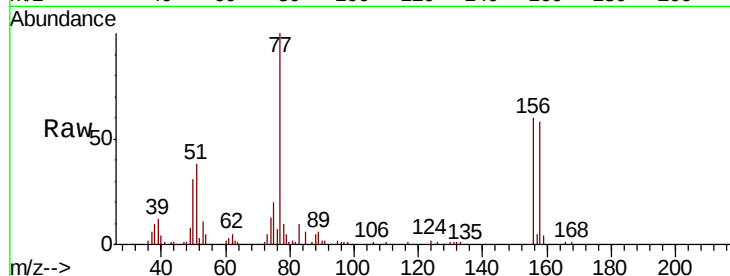
Tot Ion:156 Resp: 82184

Ion Ratio Lower Upper

156 100

77 200.5 99.6 298.8

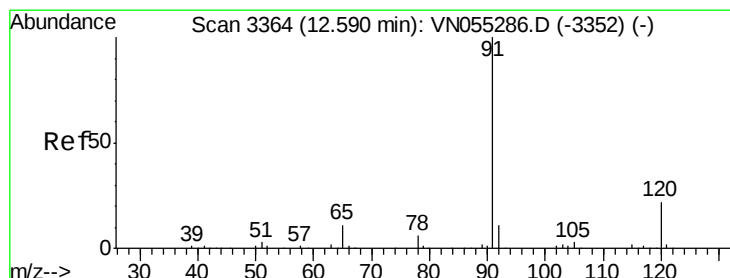
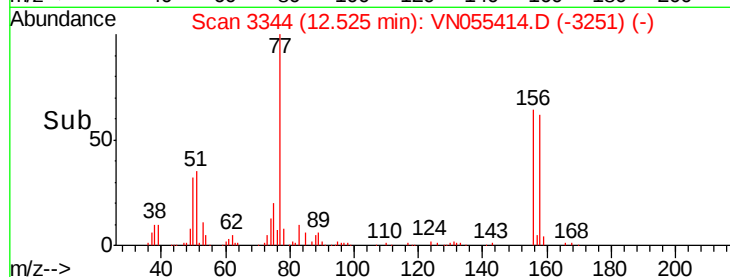
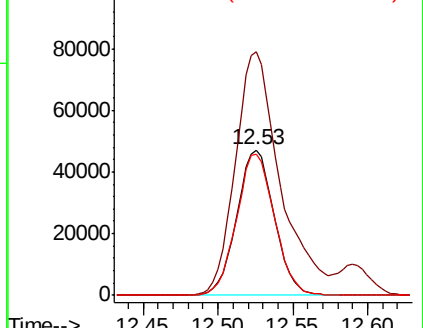
158 98.7 49.3 147.8



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: 18.705 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055414.D

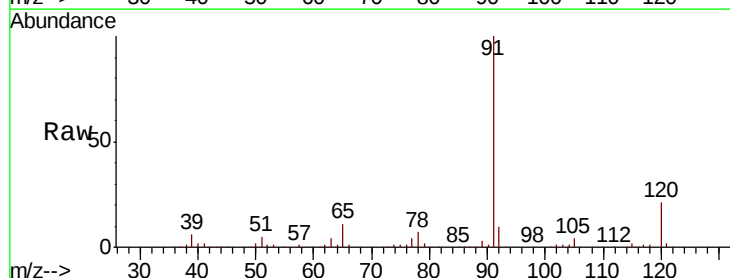
Acq: 6 May 2019 13:14

Tgt Ion: 91 Resp: 386202

Ion Ratio Lower Upper

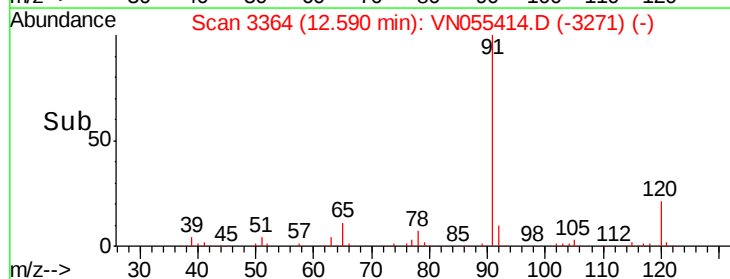
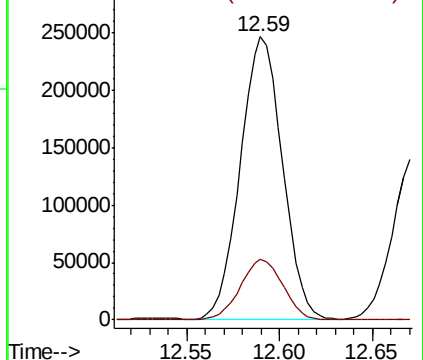
91 100

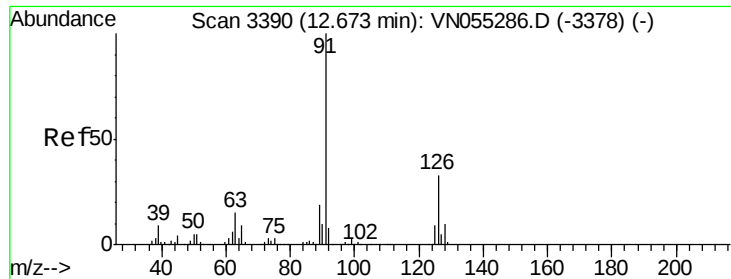
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.860 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampled :

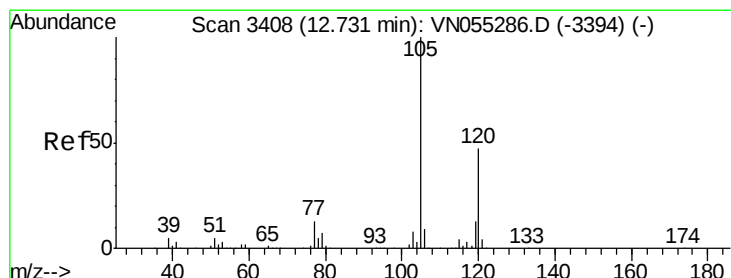
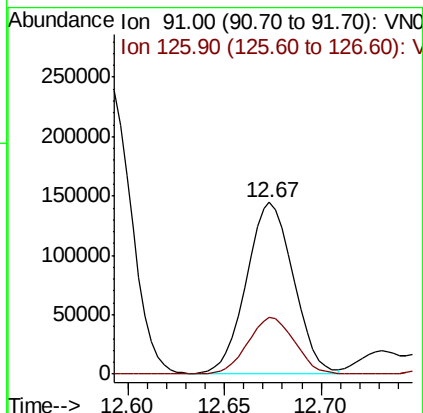
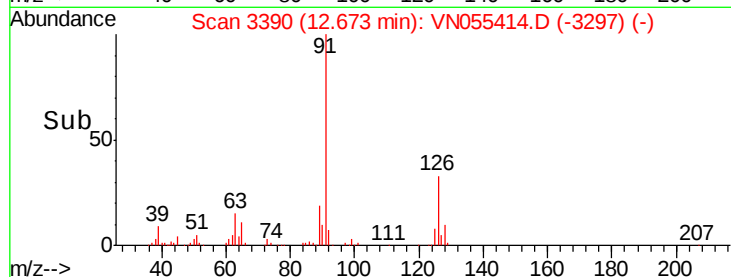
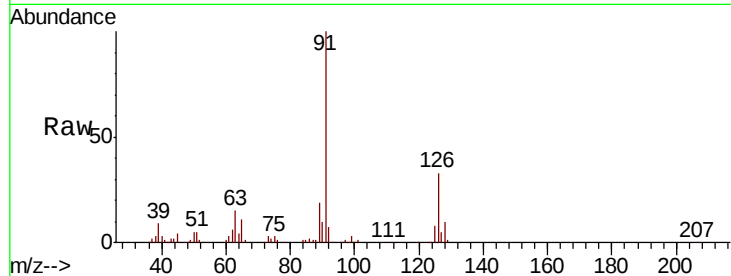
VN0506WBSD01

Tot Ion: 91 Resp: 244139

Ion Ratio Lower Upper

91 100

126 32.9 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 18.674 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055414.D

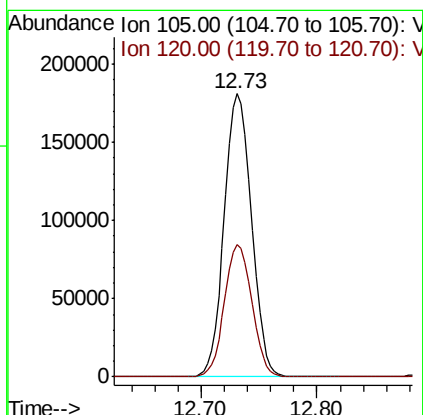
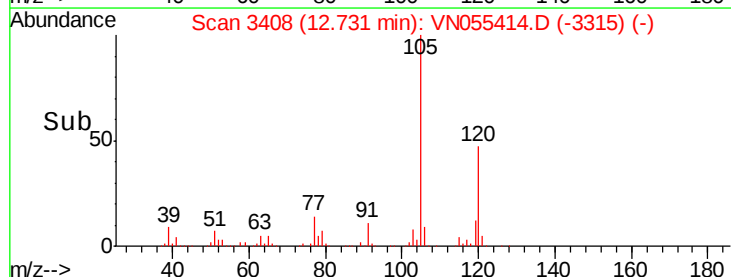
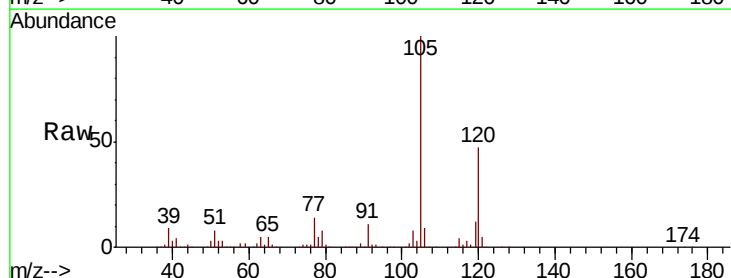
Acq: 6 May 2019 13:14

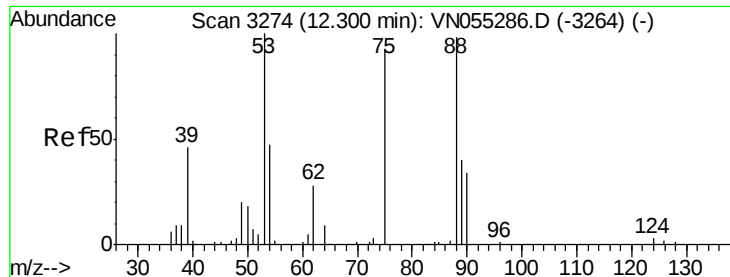
Tgt Ion:105 Resp: 294268

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.334 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBSD01

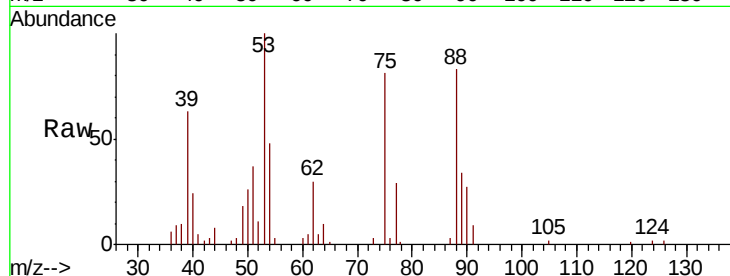
Tot Ion: 75 Resp: 19446

Ion Ratio Lower Upper

75 100

53 122.0 86.3 129.5

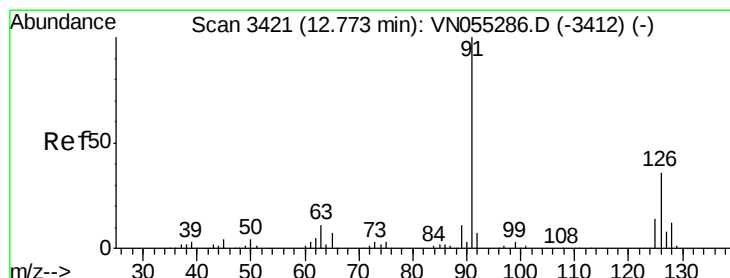
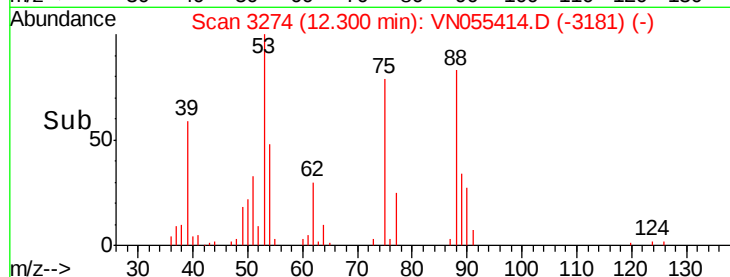
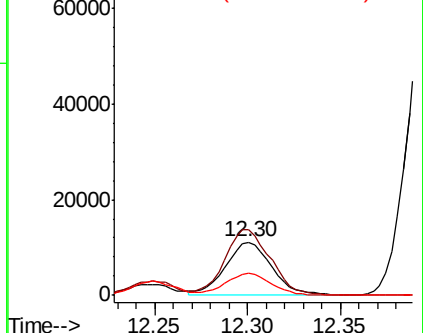
89 40.7 34.6 51.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.912 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055414.D

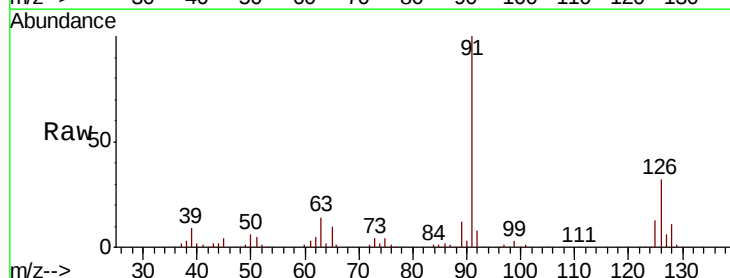
Acq: 6 May 2019 13:14

Tgt Ion: 91 Resp: 227040

Ion Ratio Lower Upper

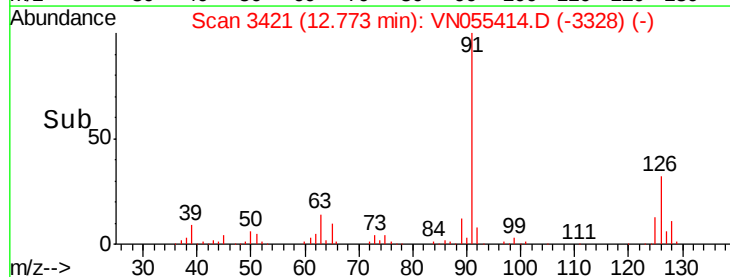
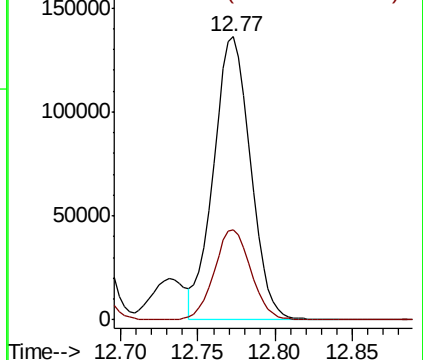
91 100

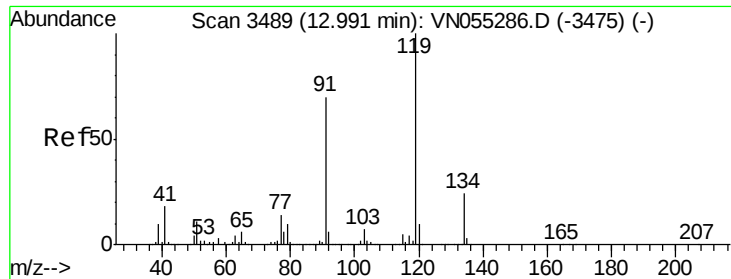
126 31.5 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

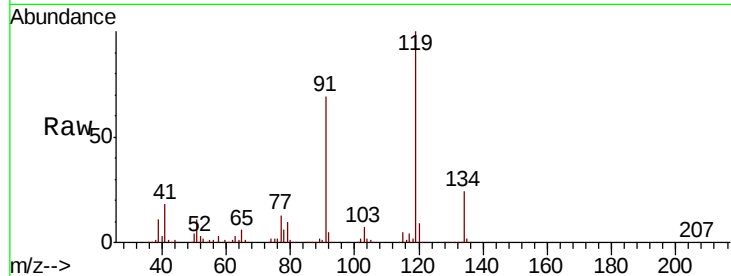




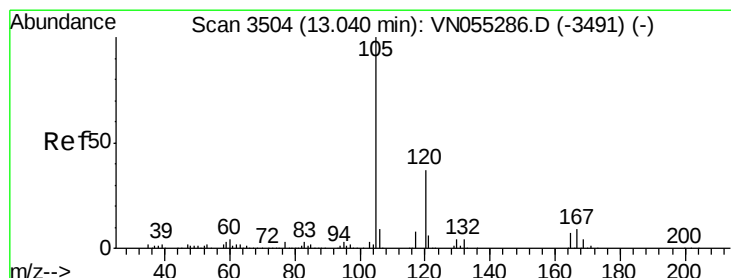
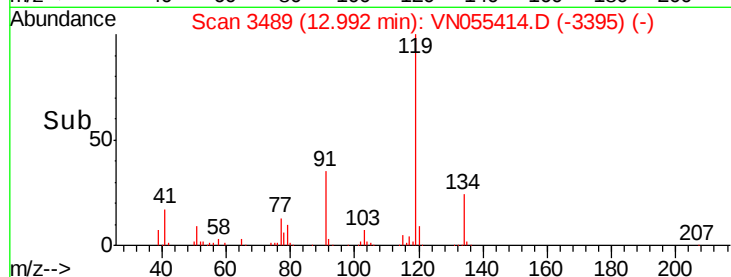
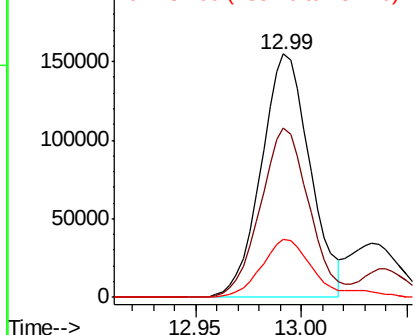
#83
tert-Butylbenzene
Concen: 20.600 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBSD01

Tot Ion:119 Resp: 248852
Ion Ratio Lower Upper
119 100
91 69.5 34.3 102.9
134 26.2 13.1 39.3

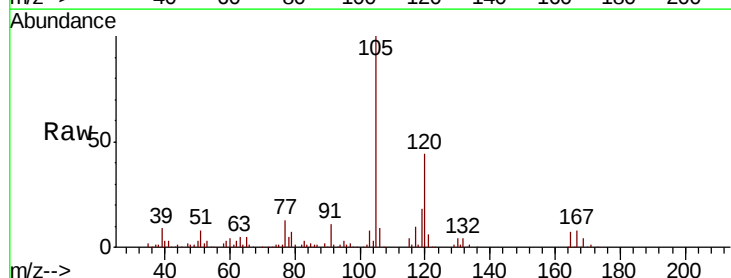


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

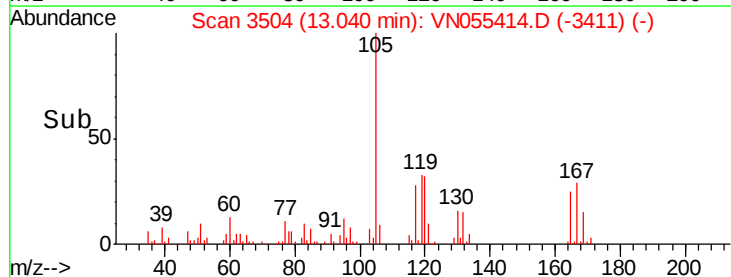
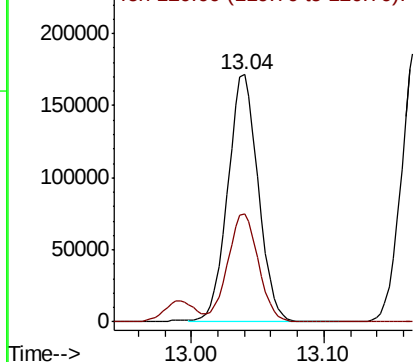


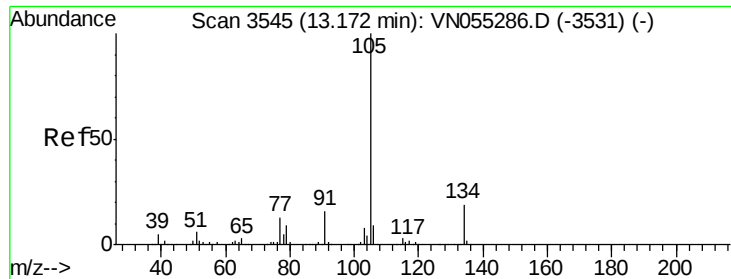
#84
1,2,4-Trimethylbenzene
Concen: 19.393 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055414.D
Acq: 6 May 2019 13:14

Tgt Ion:105 Resp: 273297
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 18.613 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

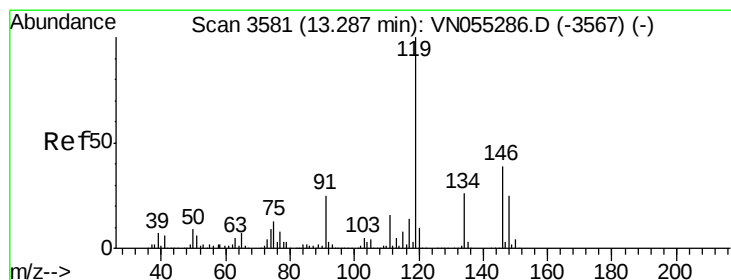
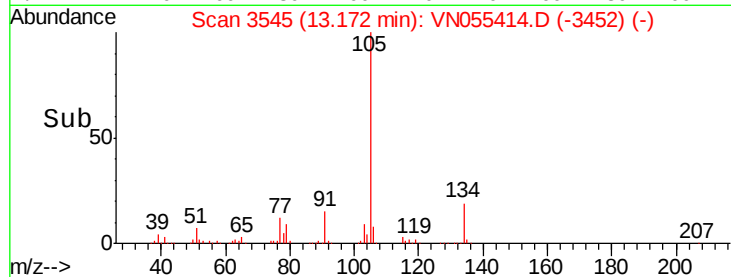
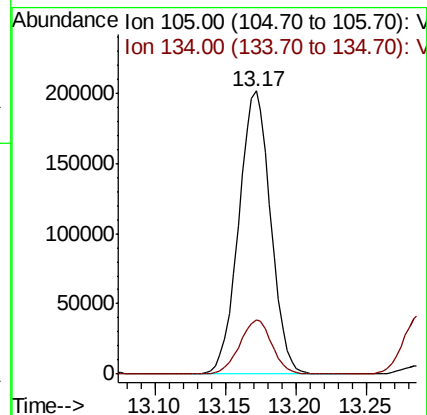
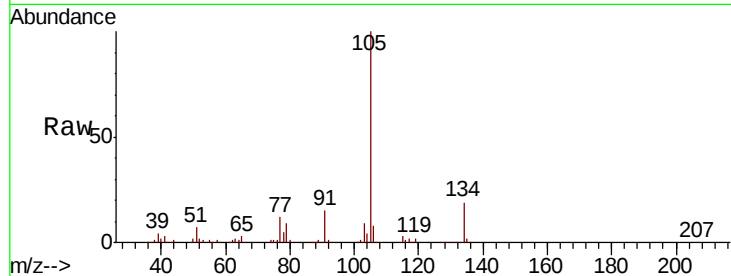
VN0506WBSD01

Tot Ion:105 Resp: 318783

Ion Ratio Lower Upper

105 100

134 19.4 9.6 28.8



#86

p-Isopropyltoluene

Concen: 18.899 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

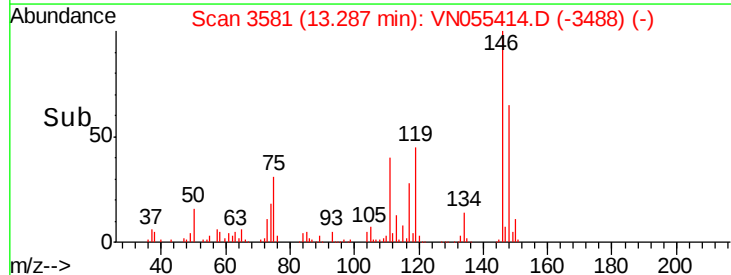
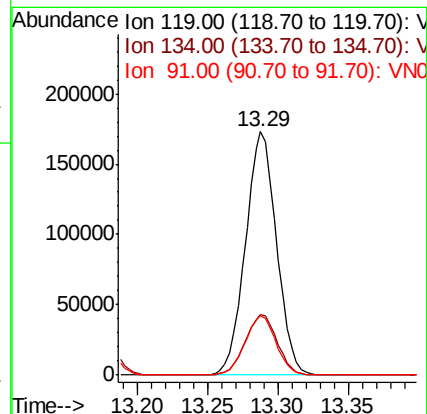
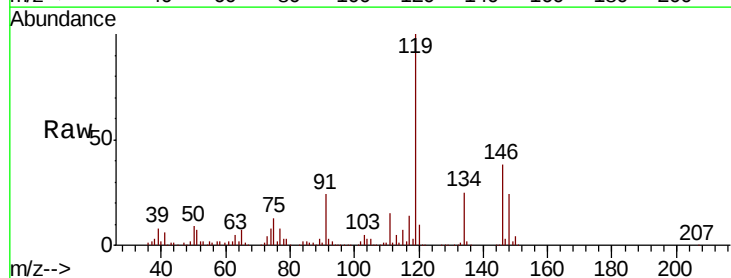
Tgt Ion:119 Resp: 266041

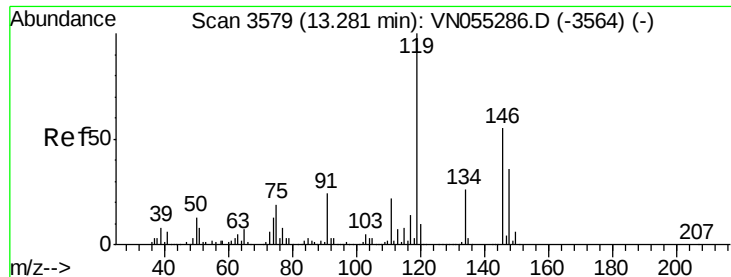
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 24.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 18.999 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBSD01

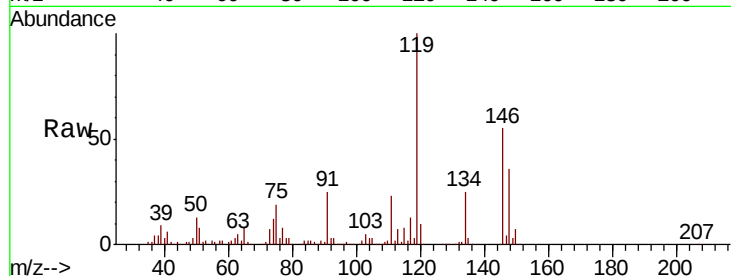
Tot Ion:146 Resp: 127788

Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.8

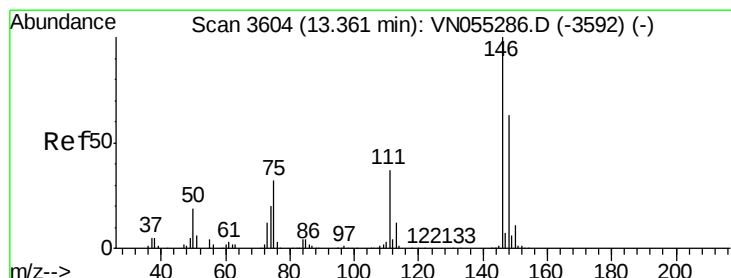
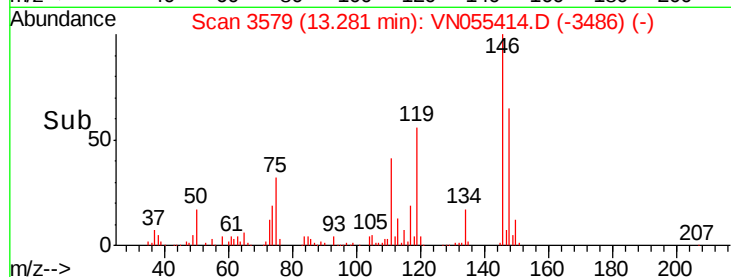
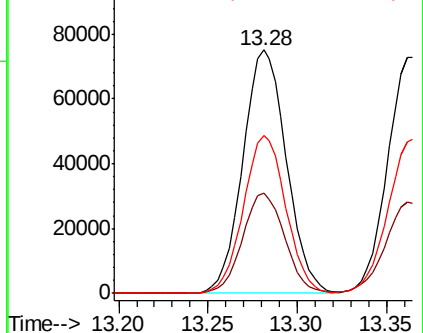
148 63.2 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.579 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

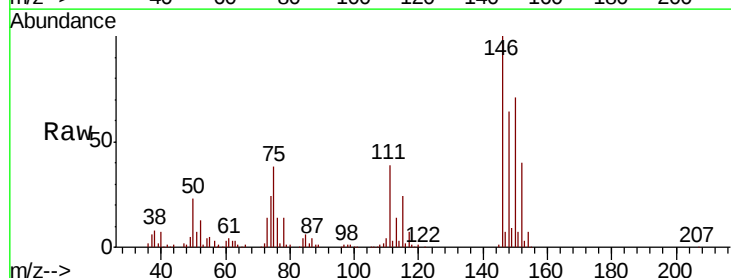
Tgt Ion:146 Resp: 124014

Ion Ratio Lower Upper

146 100

111 39.5 19.5 58.5

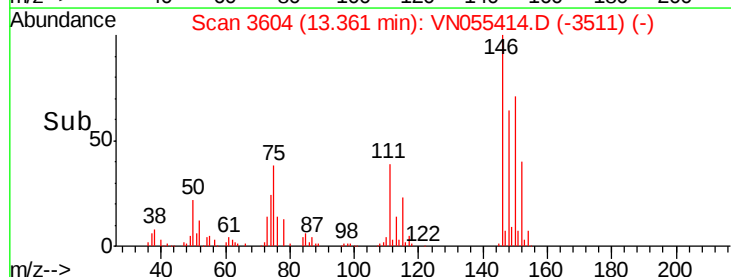
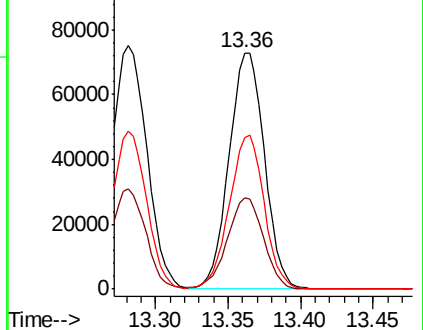
148 64.1 32.5 97.4

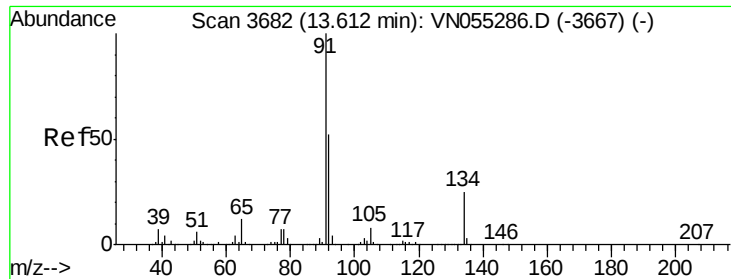


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.932 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBSD01

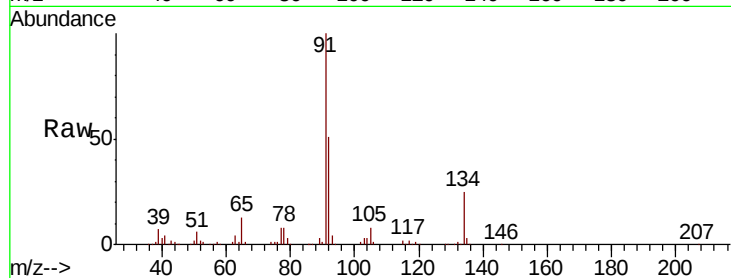
Tot Ion: 91 Resp: 179369

Ion Ratio Lower Upper

91 100

92 51.5 26.1 78.3

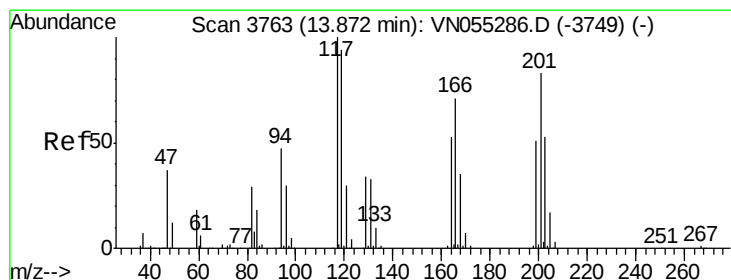
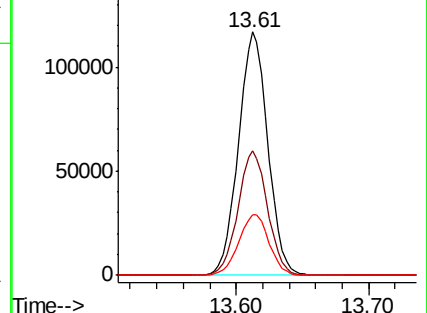
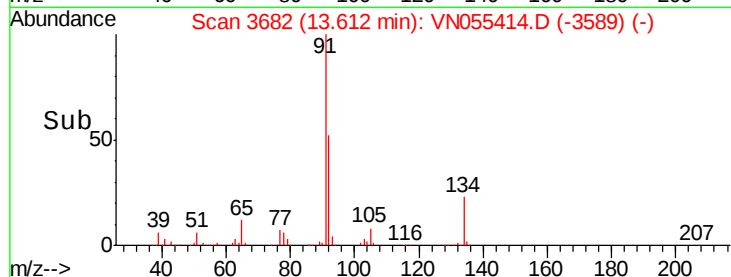
134 25.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN055414.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN055414.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN055414.D (-3669) (-)



#90

Hexachloroethane

Concen: 18.412 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055414.D

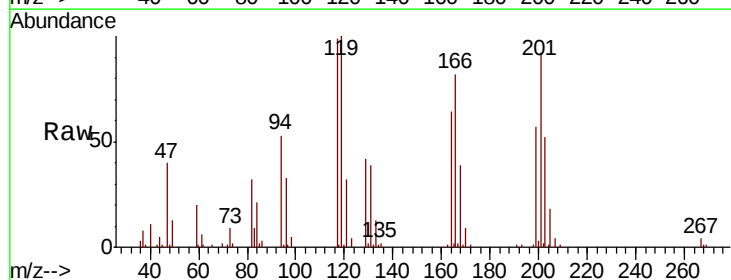
Acq: 6 May 2019 13:14

Tgt Ion: 117 Resp: 43257

Ion Ratio Lower Upper

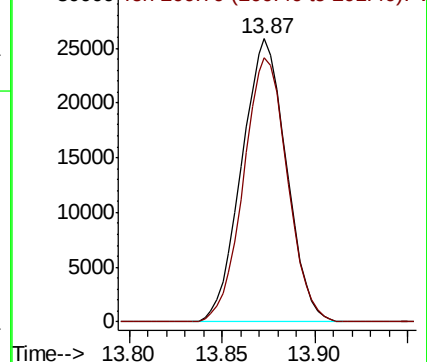
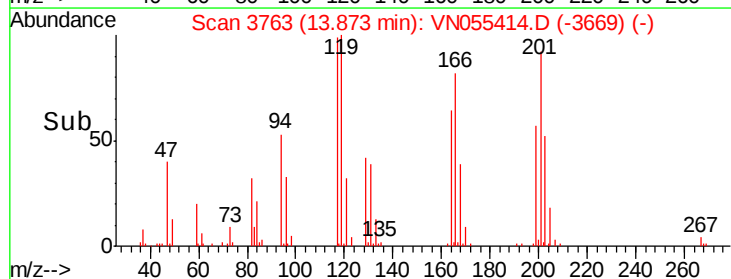
117 100

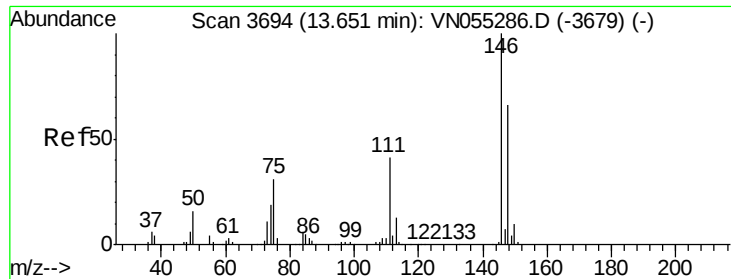
201 91.6 41.9 125.8



Abundance Ion 116.80 (116.50 to 117.50): VN055414.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN055414.D (-3669) (-)





#91

1,2-Dichlorobenzene

Concen: 20.093 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBSD01

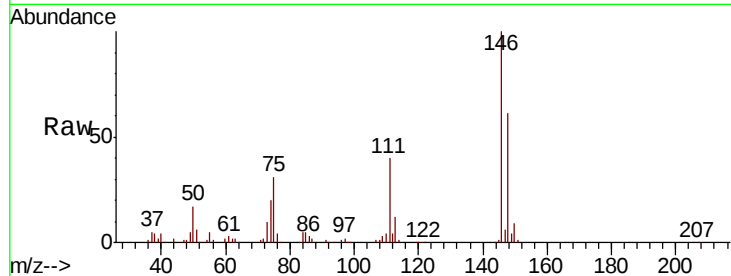
Tot Ion:146 Resp: 133949

Ion Ratio Lower Upper

146 100

111 39.6 20.3 61.0

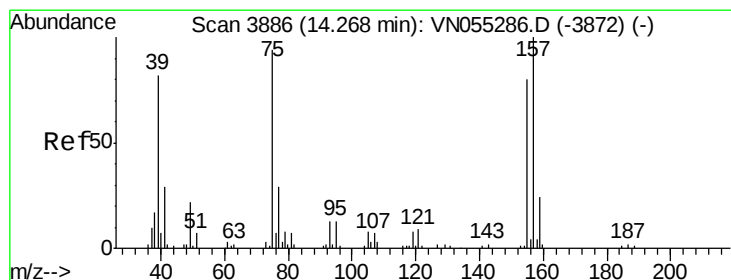
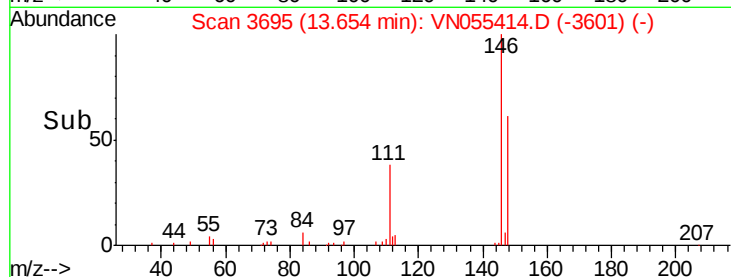
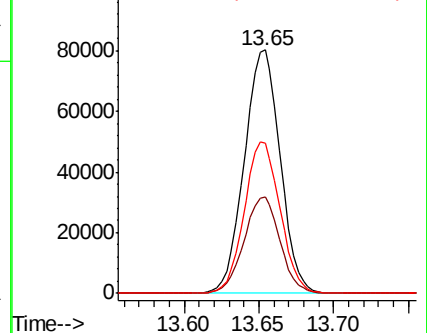
148 62.0 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.266 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

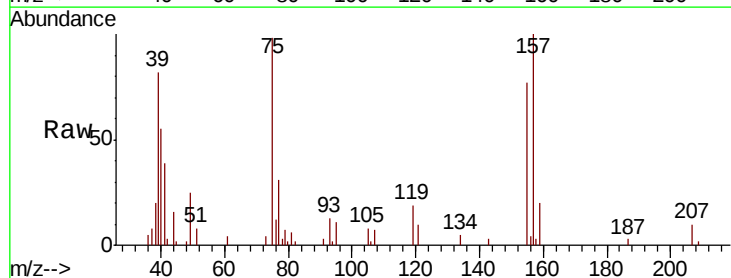
Tgt Ion: 75 Resp: 12303

Ion Ratio Lower Upper

75 100

155 76.5 41.5 124.6

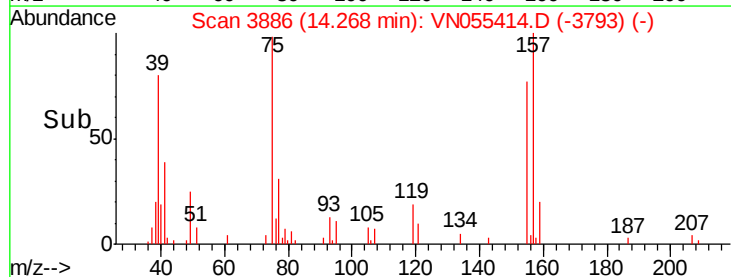
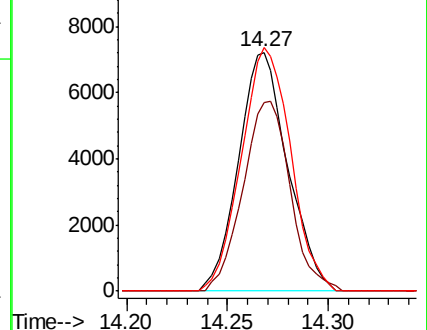
157 102.3 54.0 162.2

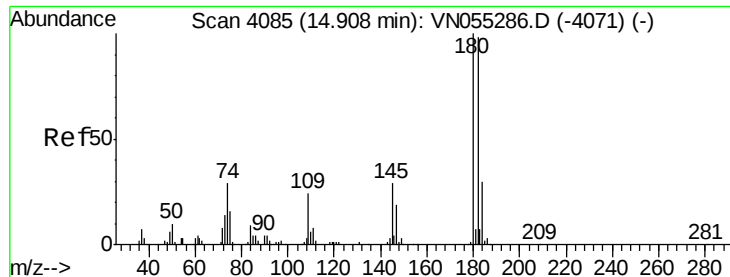


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

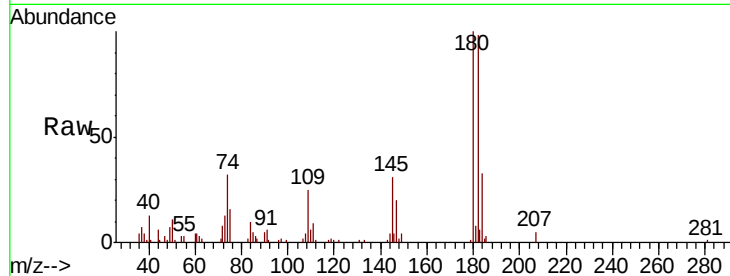




#93
 1,2,4-Trichlorobenzene
 Concen: 16.176 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.3	144.9
145	31.4	14.2	42.6

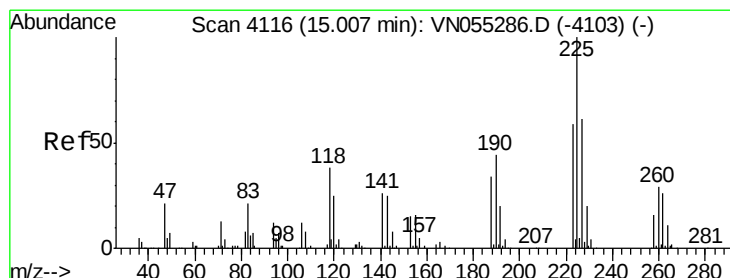
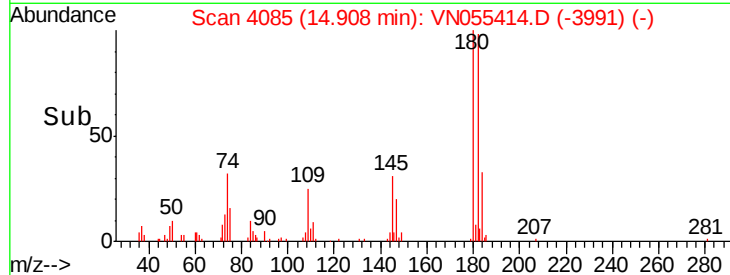
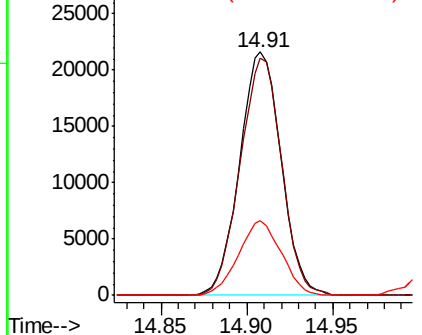


Abundance

Ion 179.80 (179.50 to 180.50): V

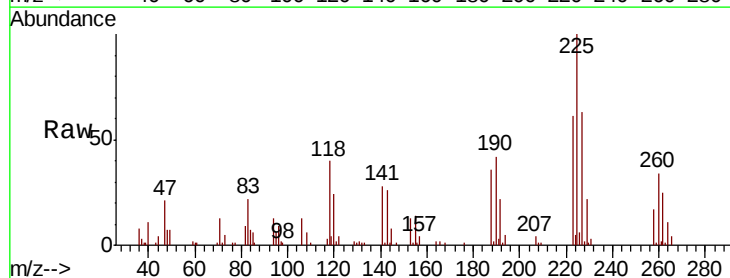
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.693 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055414.D
 Acq: 6 May 2019 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	30.3	90.8
227	62.4	30.9	92.7

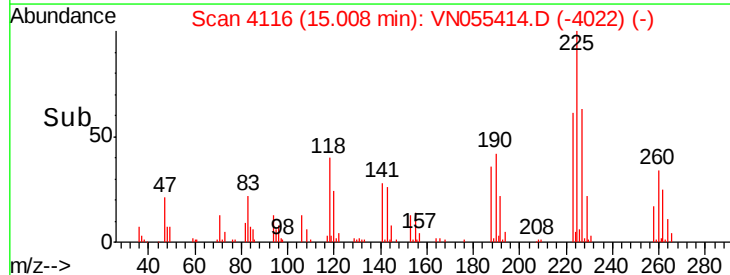
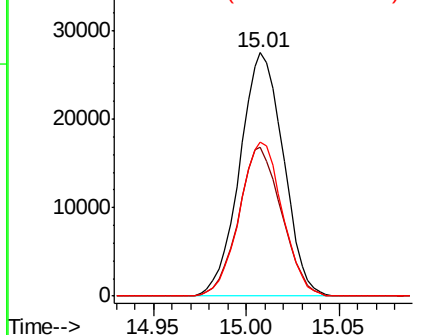


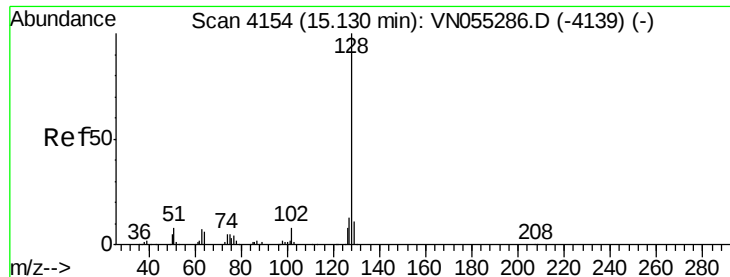
Abundance

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: 16.826 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBSD01

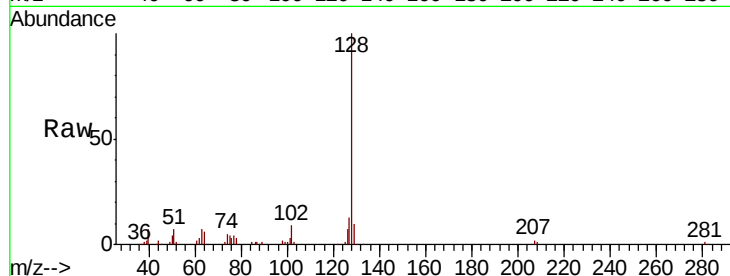
Tot Ion:128 Resp: 80787

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

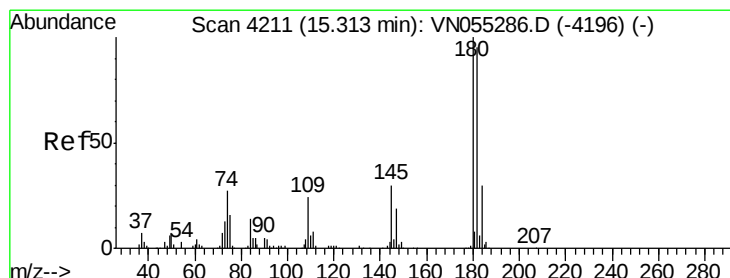
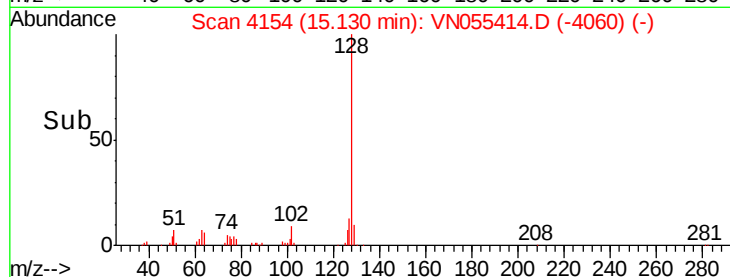
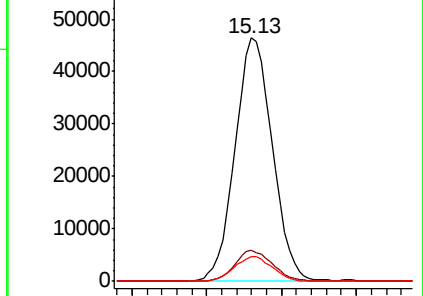
129 10.4 8.6 13.0



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: 17.790 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055414.D

Acq: 6 May 2019 13:14

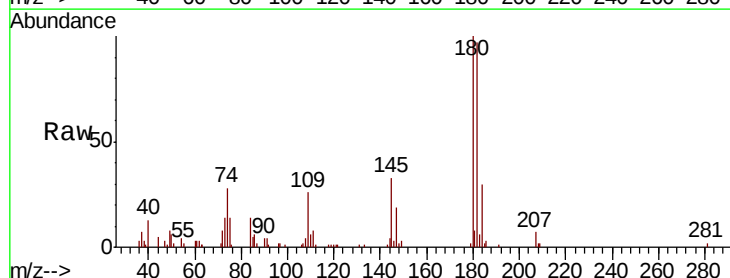
Tgt Ion:180 Resp: 41448

Ion Ratio Lower Upper

180 100

182 99.6 48.3 144.9

145 33.3 15.2 45.6



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

