

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055984.D
 Acq On : 4 Jun 2019 12:19
 Operator : JC/SP
 Sample : VN0604MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Quant Time: Jun 05 01:13:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	324401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	474930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	420651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174257	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	163044	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	
35) Dibromofluoromethane	7.59	113	145705	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
50) Toluene-d8	10.09	98	556357	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.40	95	183238	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	74255	21.042	ug/l	99
3) Chloromethane	2.06	50	77629	22.075	ug/l	100
4) Vinyl Chloride	2.18	62	77217	21.891	ug/l	100
5) Bromomethane	2.54	94	54639	24.521	ug/l	99
6) Chloroethane	2.69	64	44684	21.848	ug/l	97
7) Trichlorofluoromethane	3.01	101	95075	21.113	ug/l	97
8) Diethyl Ether	3.40	74	39082	21.104	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	58112	21.244	ug/l	99
10) Methyl Iodide	3.94	142	80372	18.489	ug/l	99
11) Tert butyl alcohol	4.81	59	57393	102.391	ug/l	100
12) 1,1-Dichloroethene	3.72	96	57212	21.008	ug/l	96
13) Acrolein	3.60	56	16626	102.845	ug/l	99
14) Allyl chloride	4.31	41	88699	20.627	ug/l	99
15) Acrylonitrile	4.99	53	151860	111.295	ug/l	100
16) Acetone	3.82	43	154691	100.415	ug/l	99
17) Carbon Disulfide	4.04	76	133841	20.526	ug/l	97
18) Methyl Acetate	4.33	43	66812	21.753	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	181781	20.941	ug/l	98
20) Methylene Chloride	4.54	84	66821	21.054	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	61805	21.181	ug/l	98
22) Diisopropyl ether	5.95	45	181676	20.438	ug/l	99
23) Vinyl Acetate	5.90	43	751757	107.390	ug/l	100
24) 1,1-Dichloroethane	5.84	63	107775	21.018	ug/l	100
25) 2-Butanone	6.84	43	210541	108.170	ug/l	99
26) 2,2-Dichloropropane	6.82	77	79775	19.938	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	70199	20.467	ug/l	98
28) Bromochloromethane	7.19	49	47723	19.681	ug/l	97
29) Tetrahydrofuran	7.22	42	132556	110.175	ug/l	99
30) Chloroform	7.37	83	107438	20.828	ug/l	99
31) Cyclohexane	7.65	56	105087	20.561	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	89505	20.779	ug/l	100
36) 1,1-Dichloropropene	7.79	75	79785	19.537	ug/l	99
37) Ethyl Acetate	6.93	43	82800	22.788	ug/l	98
38) Carbon Tetrachloride	7.77	117	75963	20.176	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	103283	20.303	ug/l	97
40) Benzene	8.04	78	257681	20.775	ug/l	99
41) Methacrylonitrile	7.17	41	30250	18.095	ug/l #	78
42) 1,2-Dichloroethane	8.12	62	80011	20.054	ug/l	99
43) Isopropyl Acetate	8.17	43	122632	20.827	ug/l #	93
44) Trichloroethene	8.83	130	71177	19.971	ug/l	97
45) 1,2-Dichloropropane	9.12	63	65030	20.469	ug/l	98
46) Dibromomethane	9.21	93	42997	20.696	ug/l	98
47) Bromodichloromethane	9.40	83	76161	20.227	ug/l	97
48) Methyl methacrylate	9.20	41	60997	21.175	ug/l	97
49) 1,4-Dioxane	9.20	88	25637	412.246	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	387741	105.305	ug/l	100
52) Toluene	10.15	92	161542	20.930	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	77165	19.039	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	93958	20.760	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	62945	20.589	ug/l	97
56) Ethyl methacrylate	10.43	69	92676	20.779	ug/l	99
57) 1,3-Dichloropropane	10.71	76	101482	20.419	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	160565	100.269	ug/l	99
59) 2-Hexanone	10.75	43	278265	104.270	ug/l	100
60) Dibromochloromethane	10.90	129	58581	18.973	ug/l	97
61) 1,2-Dibromoethane	11.00	107	64712	20.705	ug/l	97
64) Tetrachloroethene	10.63	164	72736	19.976	ug/l	99
65) Chlorobenzene	11.43	112	171147	20.443	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	59261	20.501	ug/l	100
67) Ethyl Benzene	11.51	91	297869	20.462	ug/l	99
68) m/p-Xylenes	11.62	106	228339	41.061	ug/l	99
69) o-Xylene	11.95	106	111969	20.469	ug/l	100
70) Styrene	11.96	104	176607	20.320	ug/l	98
71) Bromoform	12.13	173	40854	18.653	ug/l #	100
73) Isopropylbenzene	12.25	105	297196	22.601	ug/l	100
74) N-amyl acetate	12.07	43	99900	21.507	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	87443	21.616	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	99640	31.075	ug/l #	100
77) Bromobenzene	12.53	156	76244	20.436	ug/l	98
78) n-propylbenzene	12.59	91	307042	20.828	ug/l	100
79) 2-Chlorotoluene	12.67	91	192483	22.251	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	243158	20.754	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18956	19.688	ug/l #	85
82) 4-Chlorotoluene	12.77	91	177799	20.615	ug/l	99
83) tert-Butylbenzene	12.99	119	212422	21.830	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	237101	21.340	ug/l	100
85) sec-Butylbenzene	13.17	105	270127	20.691	ug/l	100
86) p-Isopropyltoluene	13.29	119	243437	20.835	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	119521	20.699	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	112221	20.204	ug/l	99
89) n-Butylbenzene	13.61	91	173823	20.083	ug/l	99
90) Hexachloroethane	13.87	117	35630	20.221	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	119464	20.492	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12278	21.220	ug/l	96

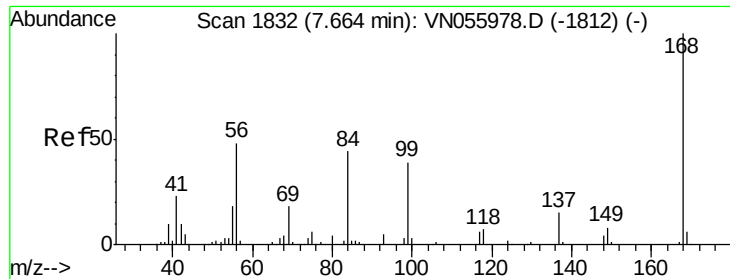
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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48785	18.159	ug/l	100
94) Hexachlorobutadiene	15.01	225	45337	21.485	ug/l	100
95) Naphthalene	15.13	128	132823	18.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	56001	19.099	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampled :

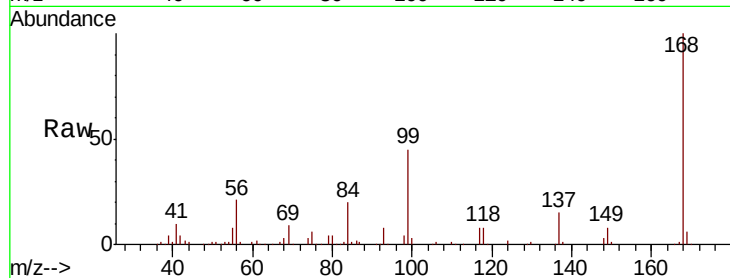
VN0604MBS01

Tot Ion:168 Resp: 324401

Ion Ratio Lower Upper

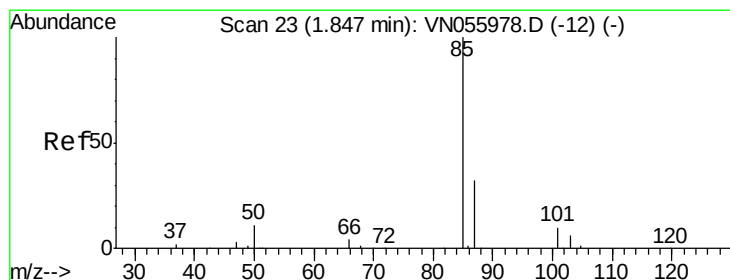
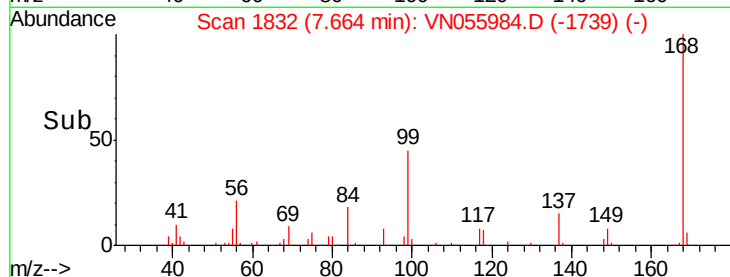
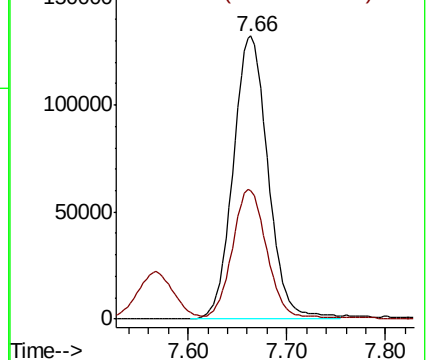
168 100

99 44.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 21.042 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055984.D

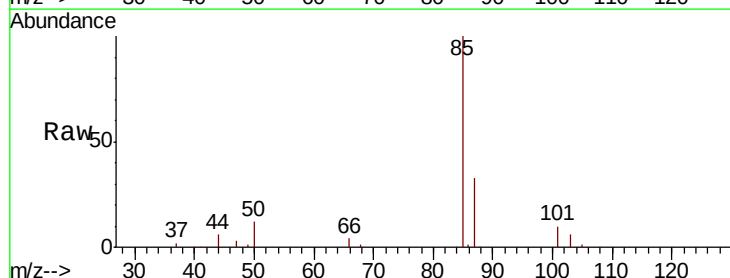
Acq: 4 Jun 2019 12:19

Tgt Ion: 85 Resp: 74255

Ion Ratio Lower Upper

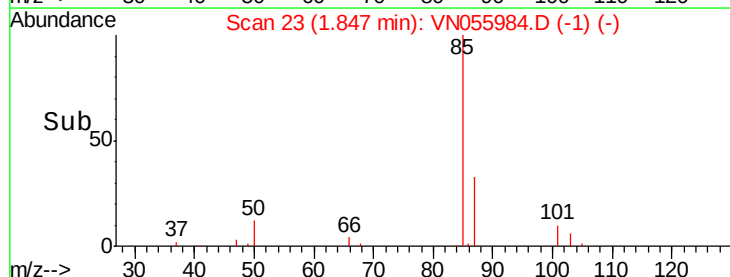
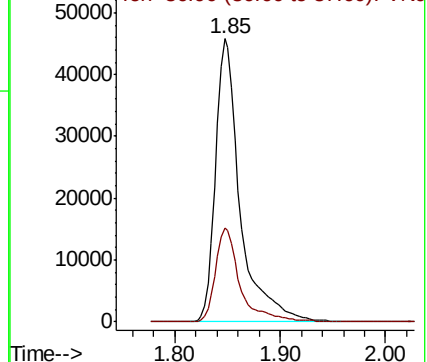
85 100

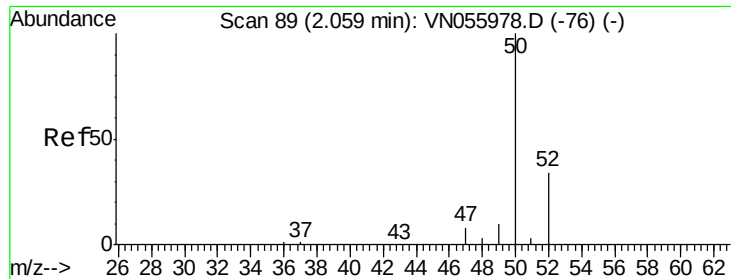
87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 22.075 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampled :

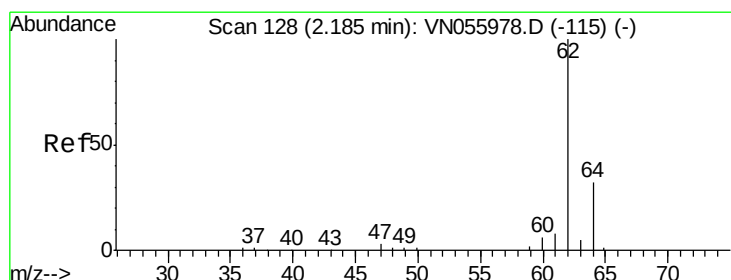
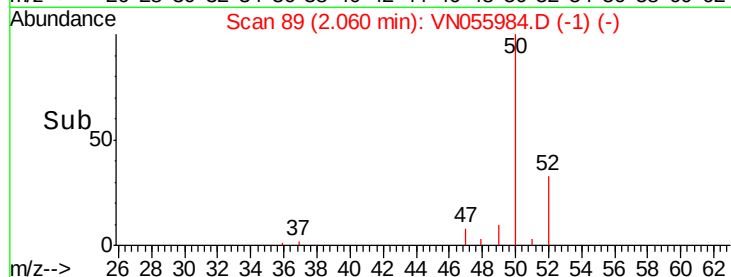
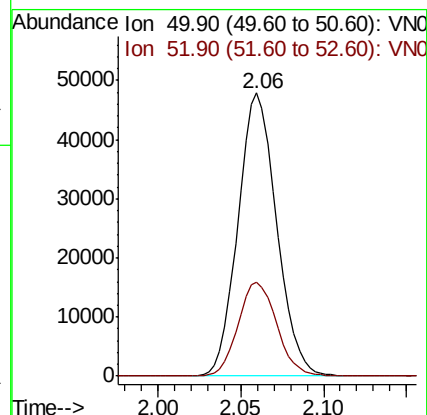
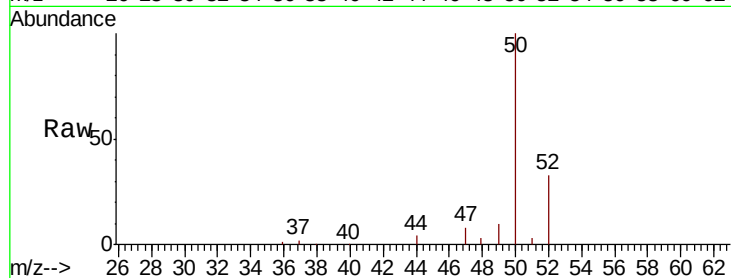
VN0604MBS01

Tot Ion: 50 Resp: 77629

Ion Ratio Lower Upper

50 100

52 33.4 26.6 40.0



#4

Vinyl Chloride

Concen: 21.891 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055984.D

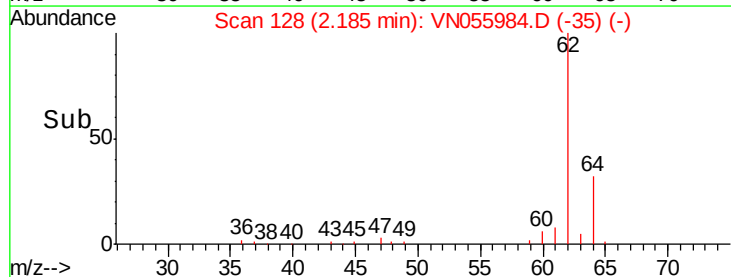
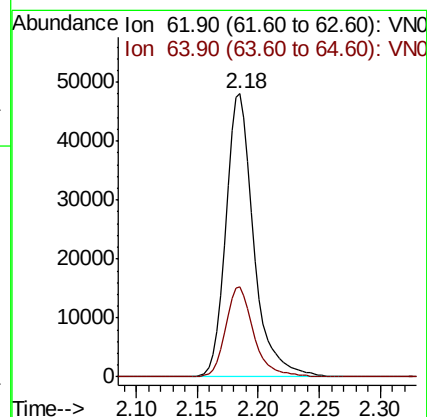
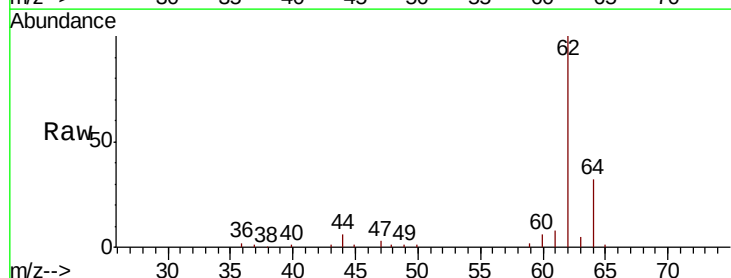
Acq: 4 Jun 2019 12:19

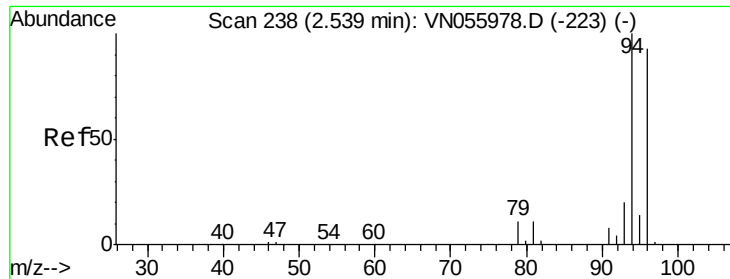
Tgt Ion: 62 Resp: 77217

Ion Ratio Lower Upper

62 100

64 31.7 25.6 38.4

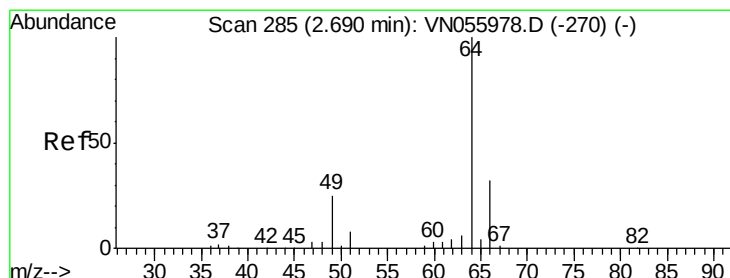
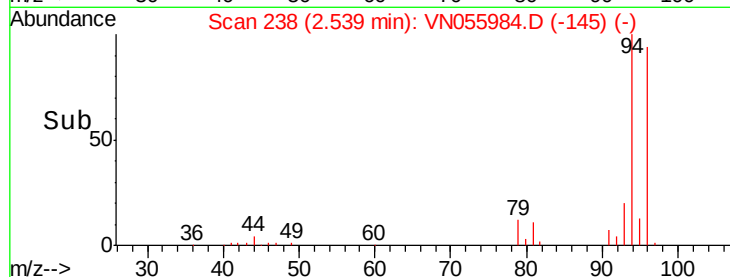
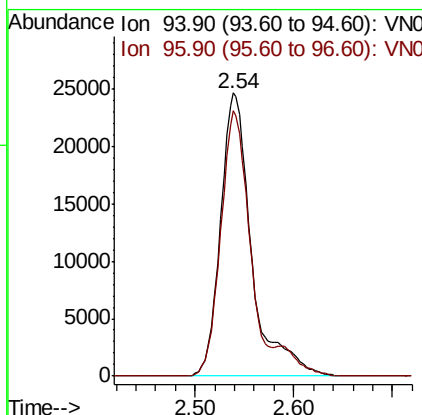
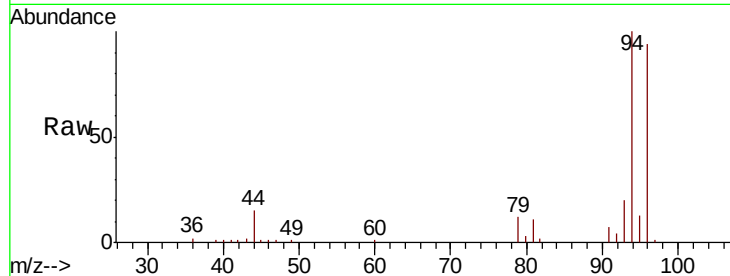




#5
Bromomethane
Concen: 24.521 ug/l
RT: 2.54 min Scan# 238
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

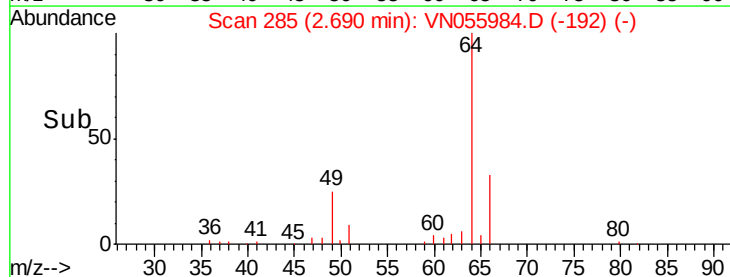
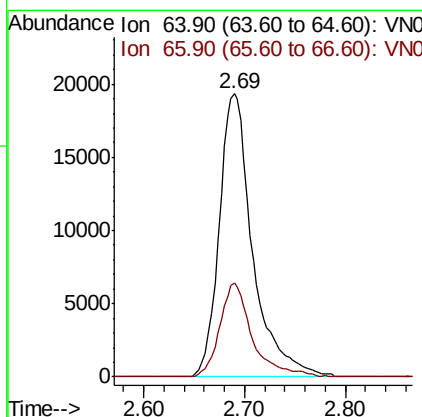
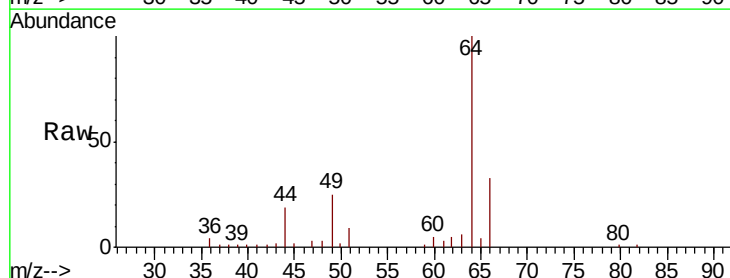
Instrument :
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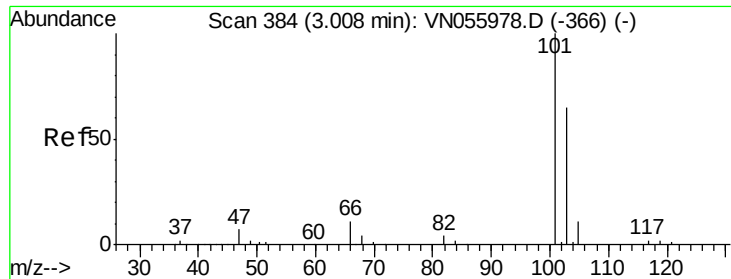
Tot Ion: 94 Resp: 54639
Ion Ratio Lower Upper
94 100
96 93.7 75.5 113.3



#6
Chloroethane
Concen: 21.848 ug/l
RT: 2.69 min Scan# 285
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion: 64 Resp: 44684
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0



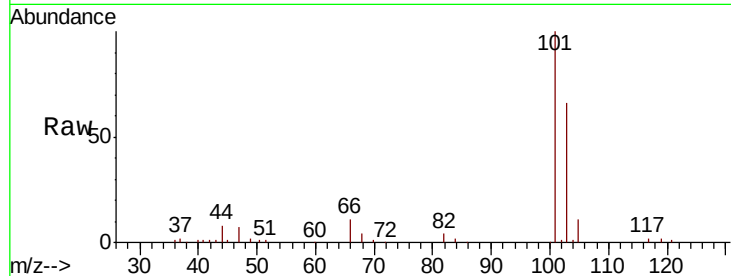


#7

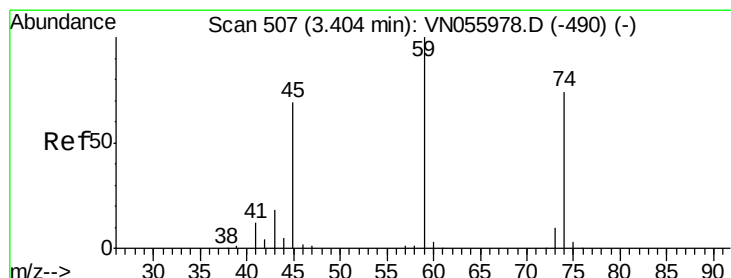
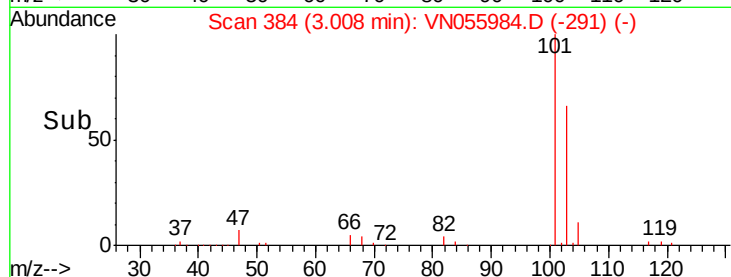
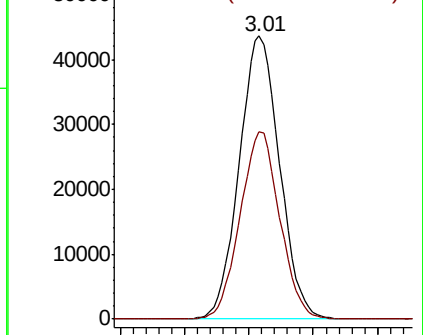
Trichlorofluoromethane
 Concen: 21.113 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Tot Ion:101 Resp: 95075
 Ion Ratio Lower Upper
 101 100
 103 66.4 51.2 76.8



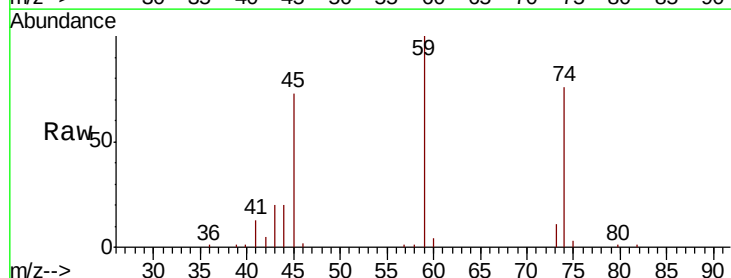
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



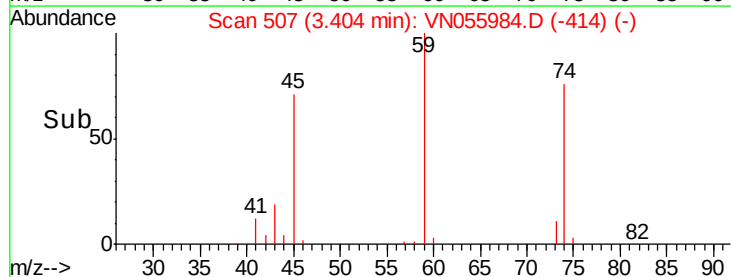
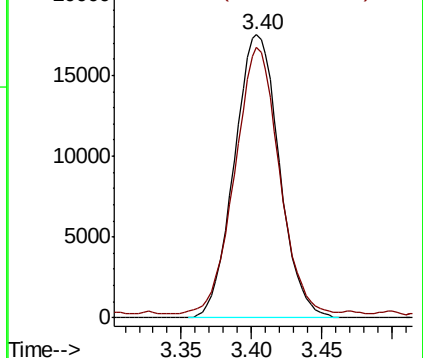
#8

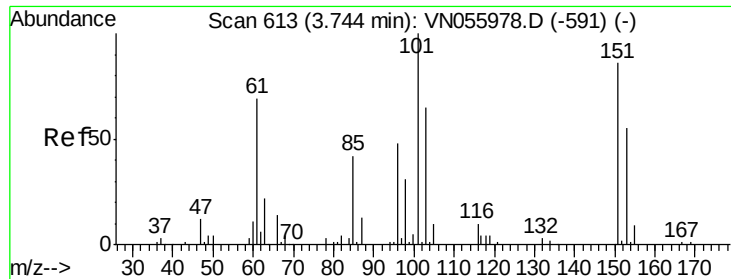
Diethyl Ether
 Concen: 21.104 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

Tgt Ion: 74 Resp: 39082
 Ion Ratio Lower Upper
 74 100
 45 92.2 48.6 145.9



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.244 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

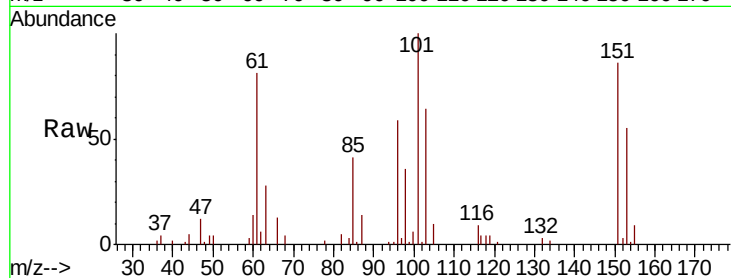
Tot Ion:101 Resp: 58112

Ion Ratio Lower Upper

101 100

85 41.4 33.4 50.2

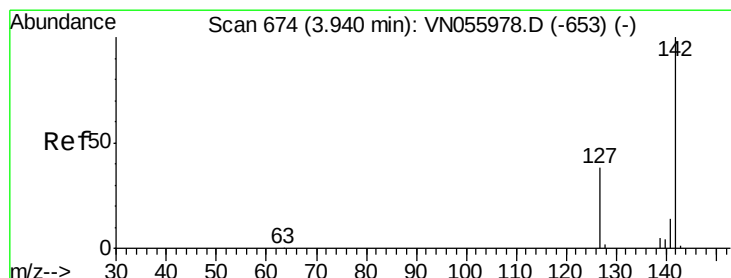
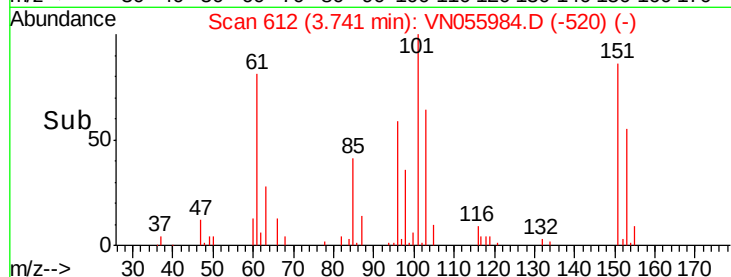
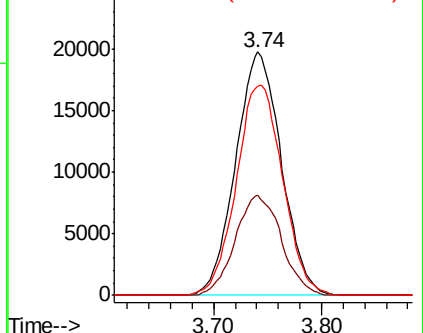
151 87.9 69.4 104.2



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: 18.489 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

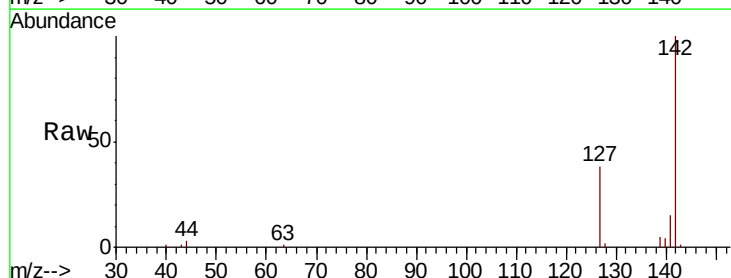
Tgt Ion:142 Resp: 80372

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

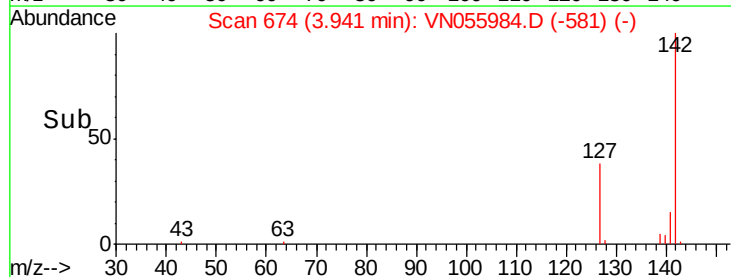
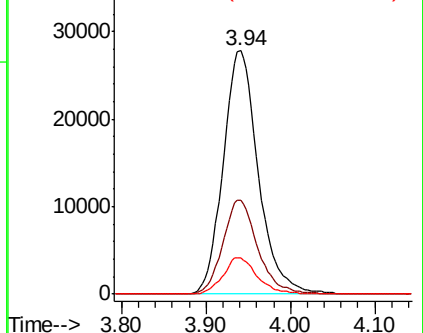
141 14.4 11.4 17.0

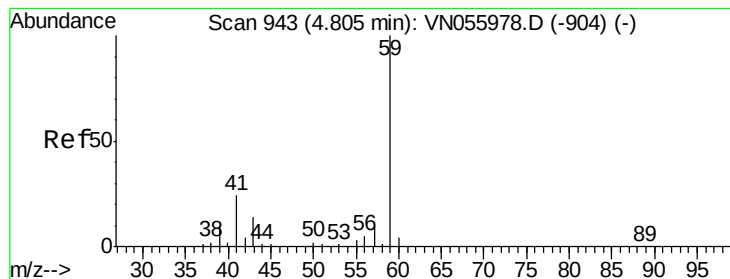


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



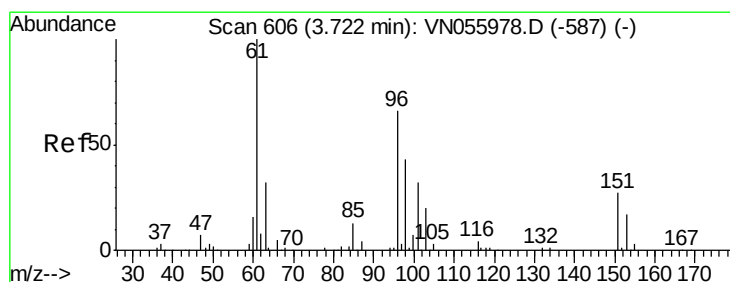
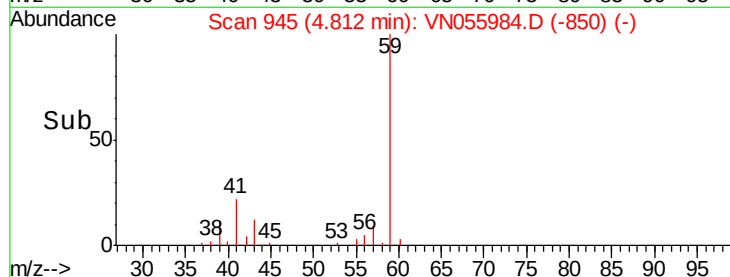
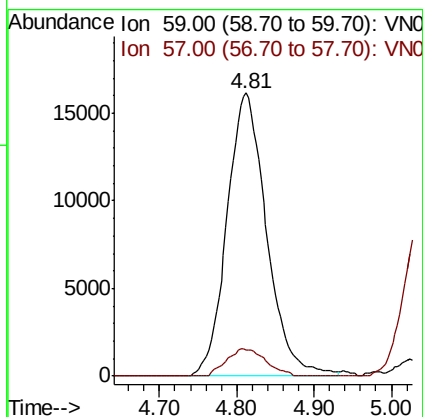
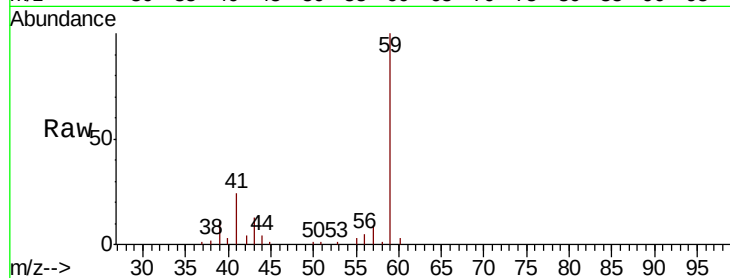


#11

Tert butyl alcohol
 Concen: 102.391 ug/l
 RT: 4.81 min Scan# 945
 Delta R.T. 0.01 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

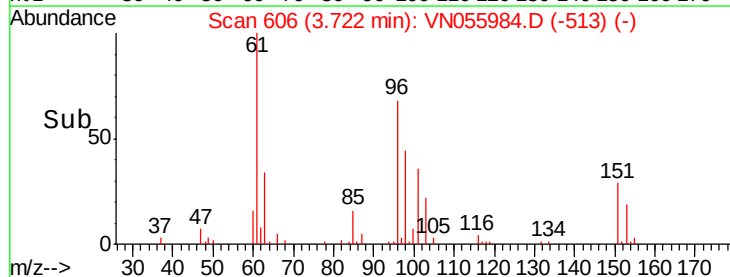
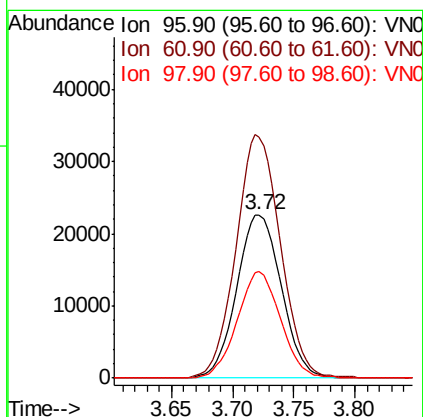
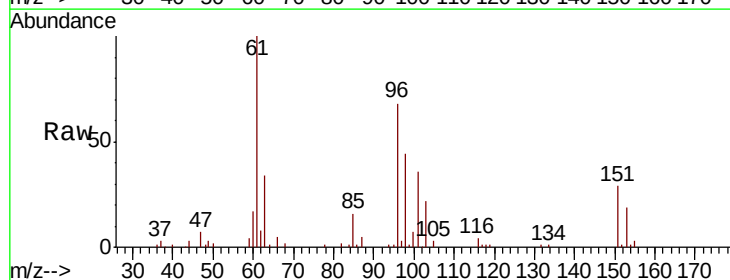
Tot Ion: 59 Resp: 57393
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.6

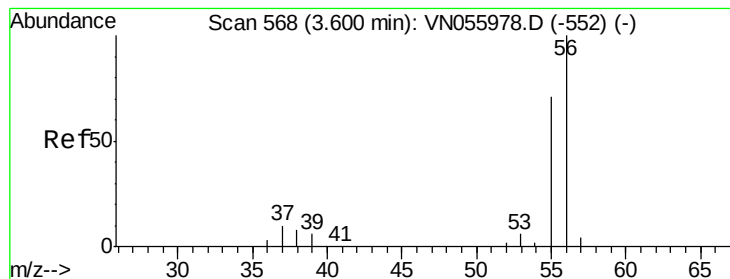


#12

1,1-Dichloroethene
 Concen: 21.008 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

Tgt Ion: 96 Resp: 57212
 Ion Ratio Lower Upper
 96 100
 61 147.7 123.2 184.8
 98 65.4 50.4 75.6





#13

Acrolein

Concen: 102.845 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

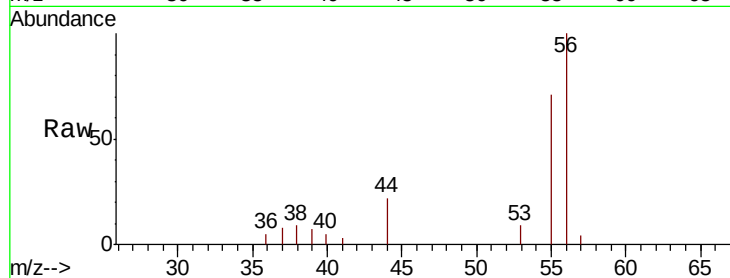
VN0604MBS01

Tot Ion: 56 Resp: 16626

Ion Ratio Lower Upper

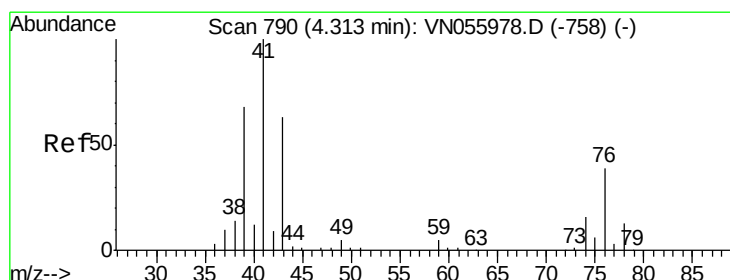
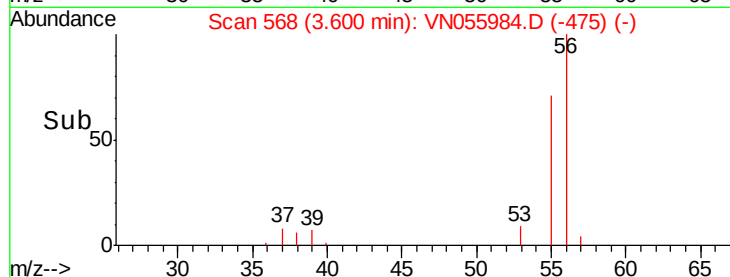
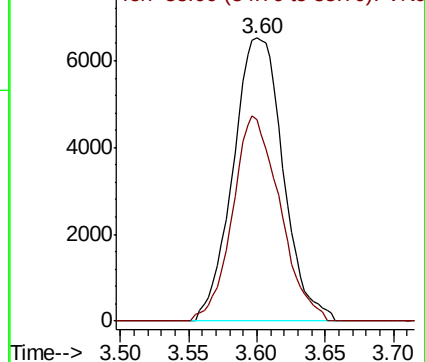
56 100

55 68.6 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.627 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

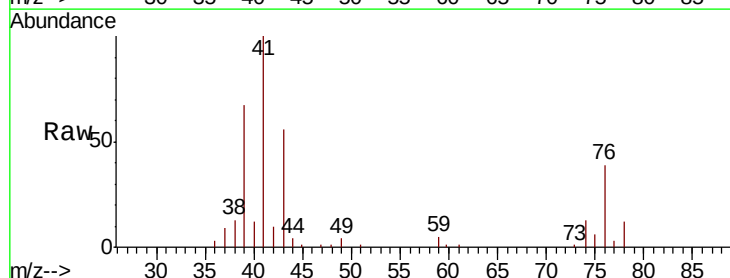
Tgt Ion: 41 Resp: 88699

Ion Ratio Lower Upper

41 100

39 62.8 50.0 75.0

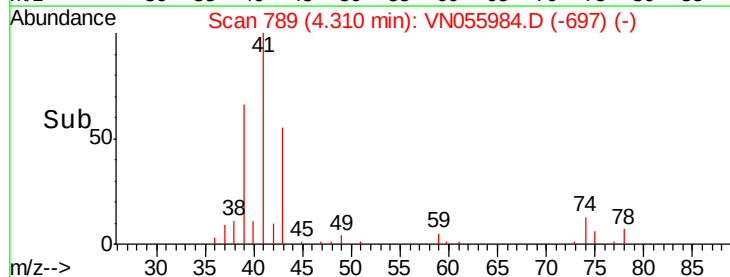
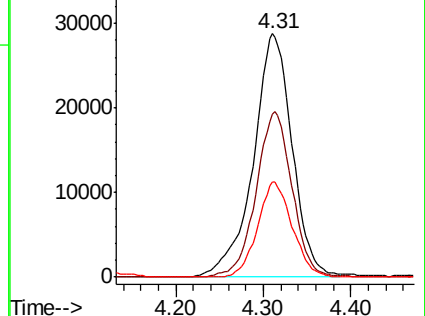
76 34.7 28.2 42.2

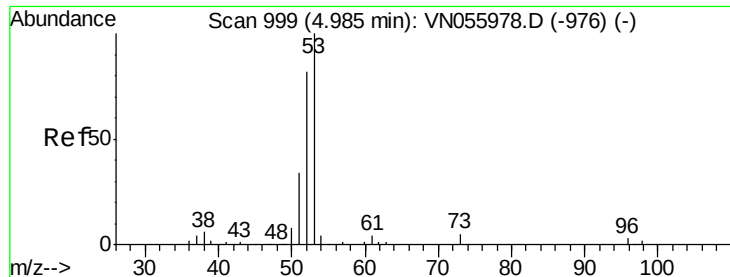


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 111.295 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

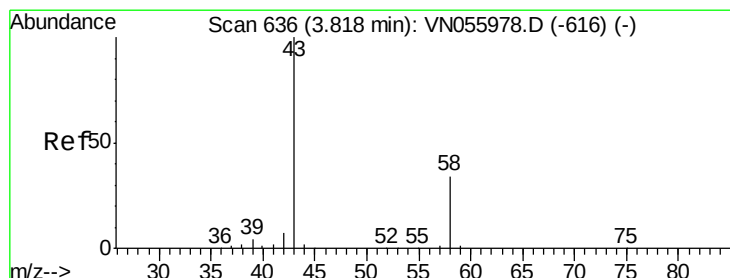
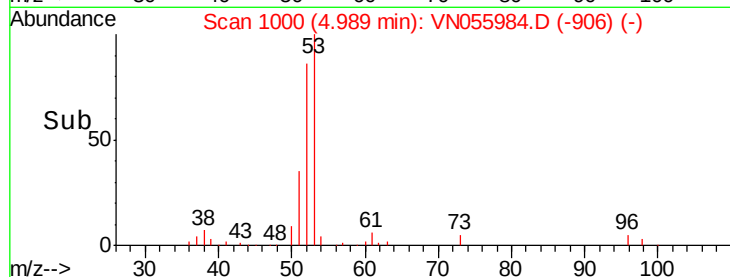
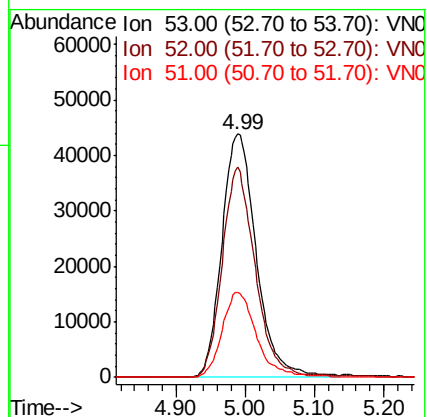
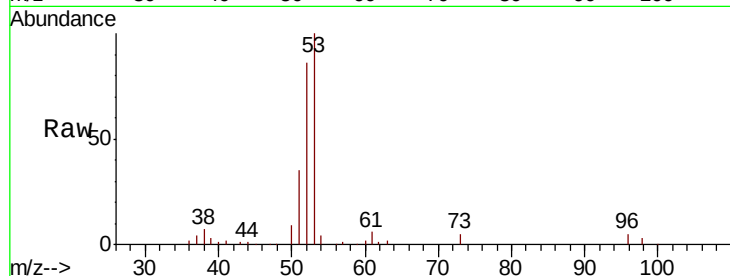
Tot Ion: 53 Resp: 151860

Ion Ratio Lower Upper

53 100

52 82.1 65.8 98.8

51 34.9 28.2 42.4



#16

Acetone

Concen: 100.415 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055984.D

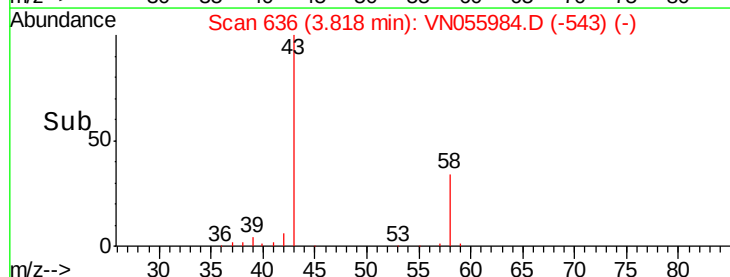
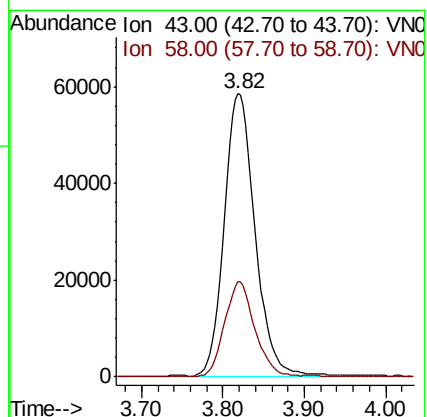
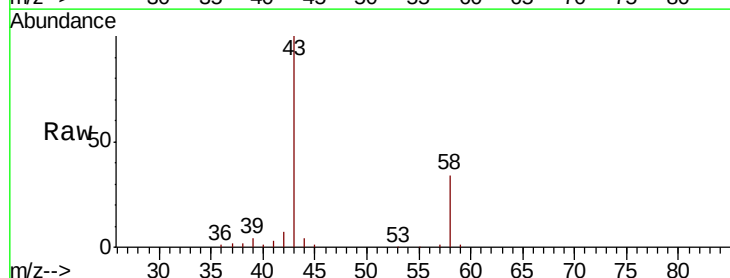
Acq: 4 Jun 2019 12:19

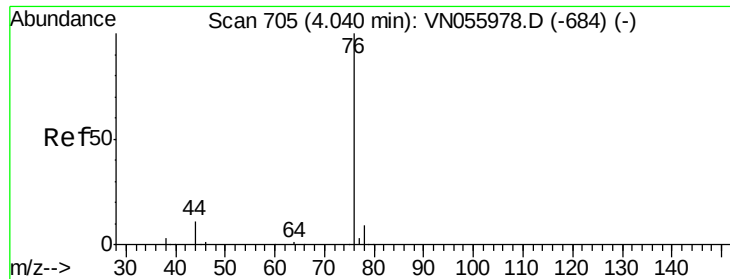
Tgt Ion: 43 Resp: 154691

Ion Ratio Lower Upper

43 100

58 33.9 26.6 39.8

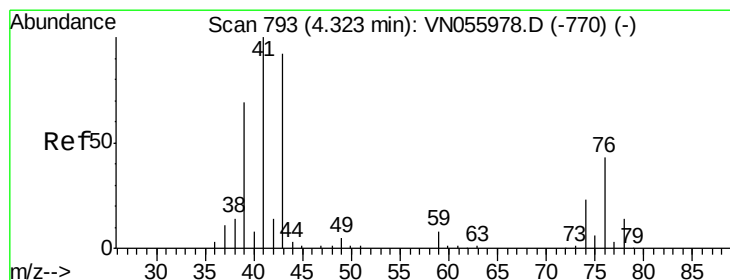
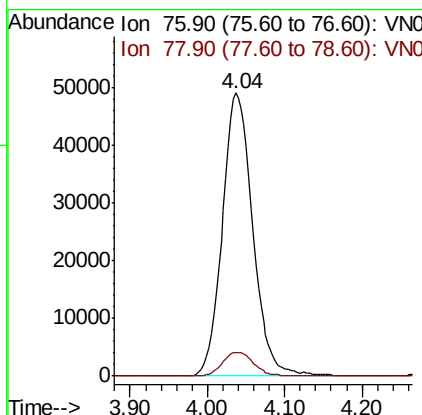
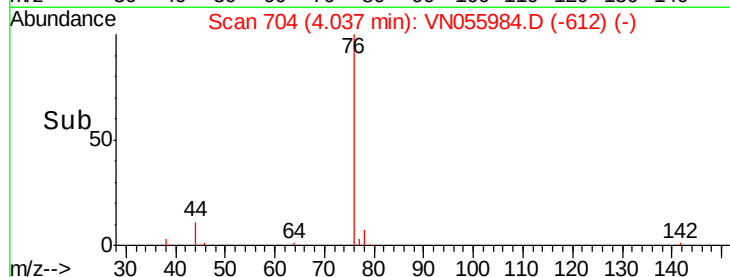
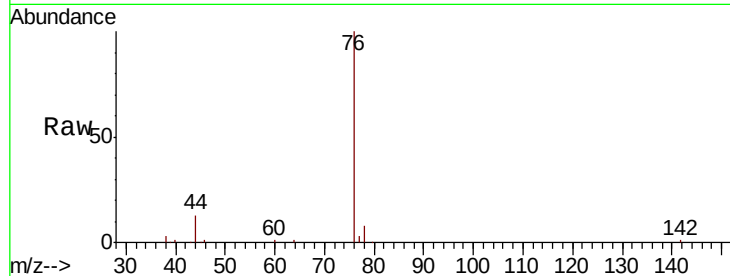




#17
Carbon Disulfide
Concen: 20.526 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

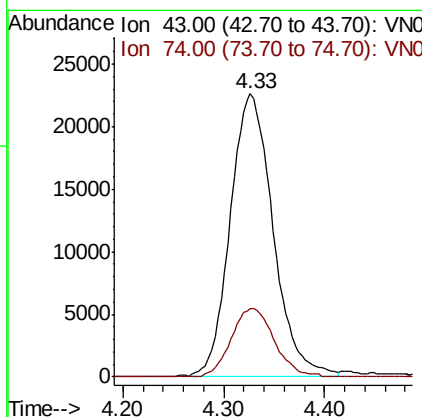
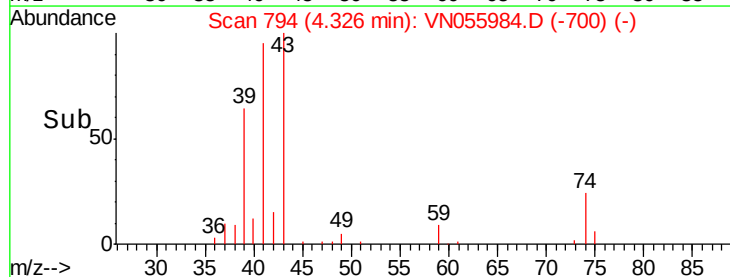
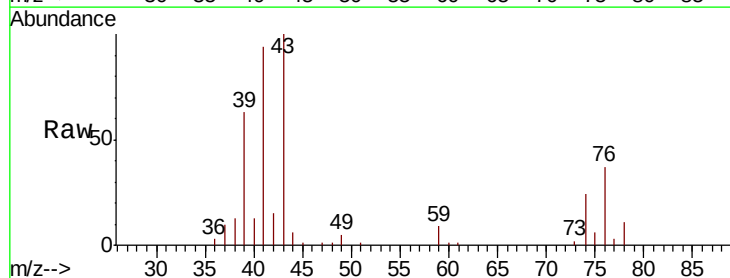
Instrument :
MSVOA_N
ClientSampled :
VN0604MBS01

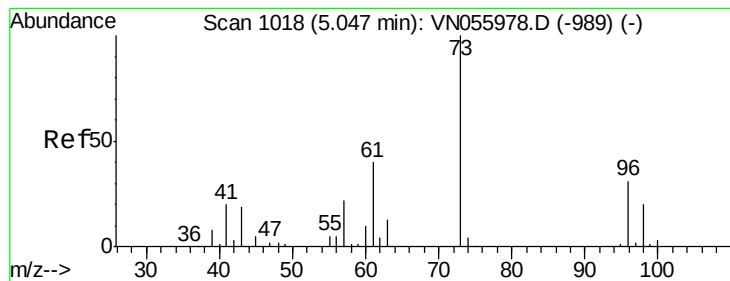
Tot Ion: 76 Resp: 133841
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2



#18
Methyl Acetate
Concen: 21.753 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion: 43 Resp: 66812
Ion Ratio Lower Upper
43 100
74 24.3 19.3 28.9



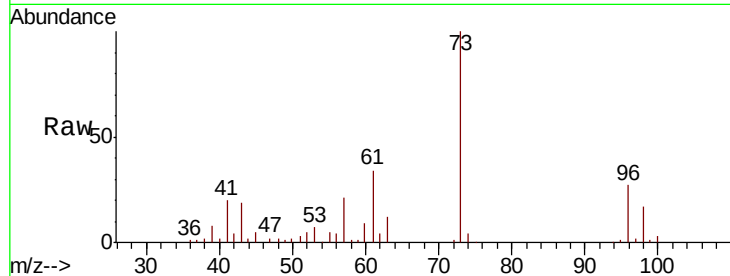


#19

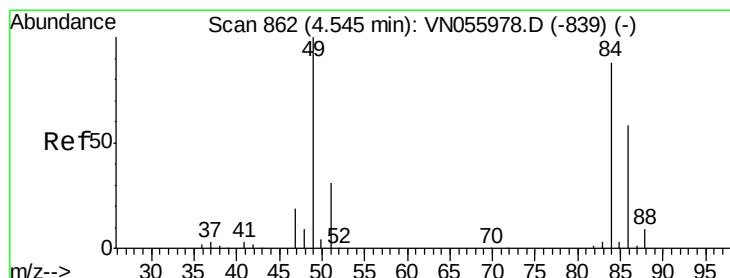
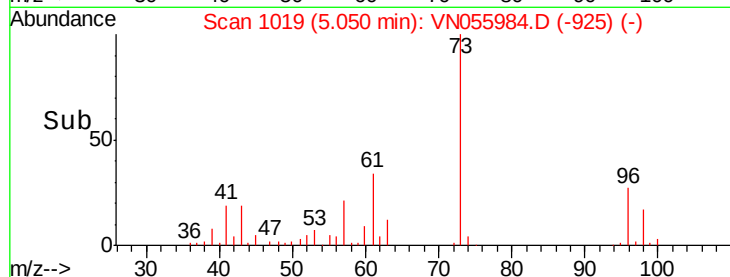
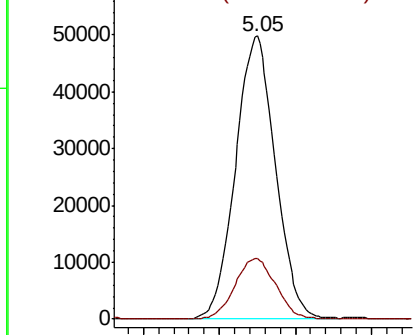
Methyl tert-butyl Ether
 Concen: 20.941 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Tot Ion: 73 Resp: 181781
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.8 26.8



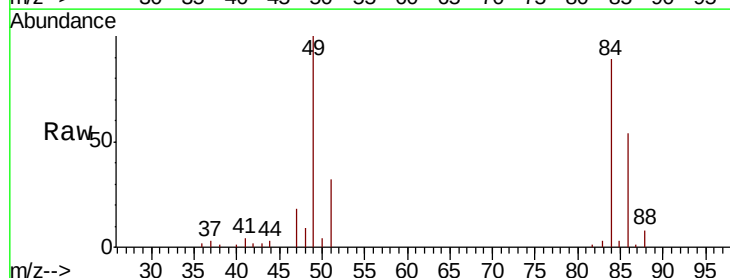
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



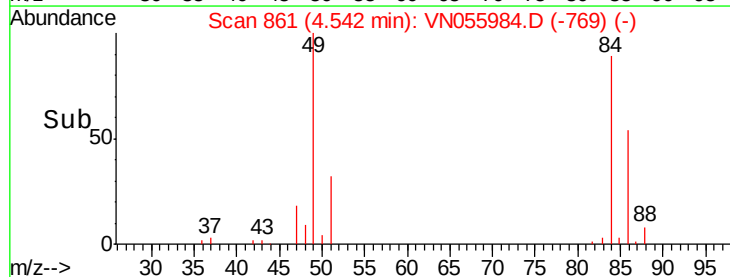
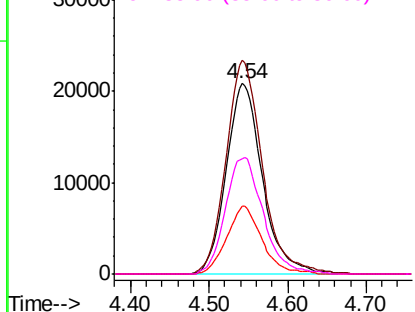
#20

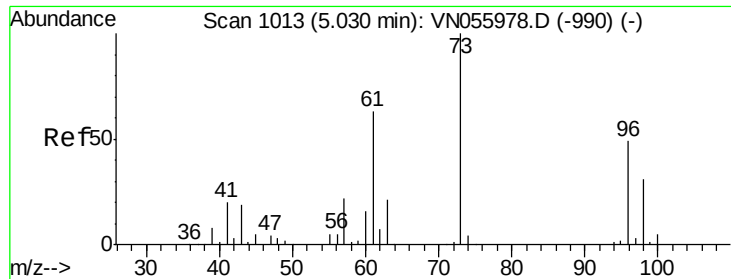
Methylene Chloride
 Concen: 21.054 ug/l
 RT: 4.54 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

Tgt Ion: 84 Resp: 66821
 Ion Ratio Lower Upper
 84 100
 49 112.3 93.5 140.3
 51 35.5 28.6 43.0
 86 60.5 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VN0
 Ion 48.90 (48.60 to 49.60): VN0
 Ion 50.90 (50.60 to 51.60): VN0
 Ion 85.90 (85.60 to 86.60): VN0

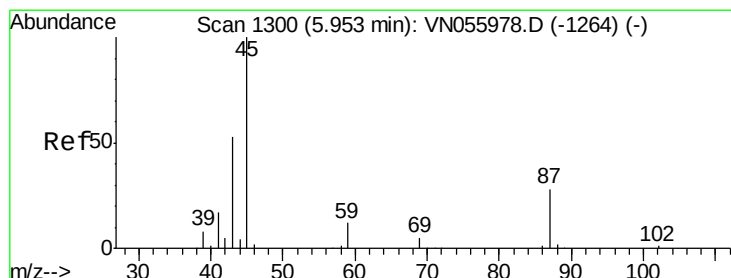
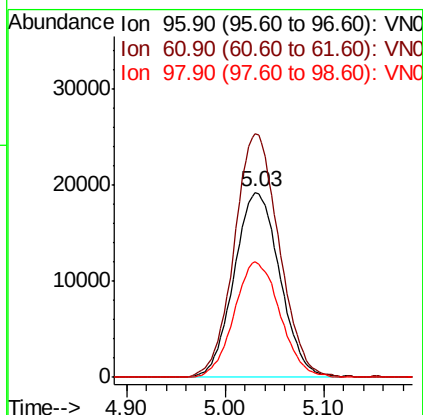
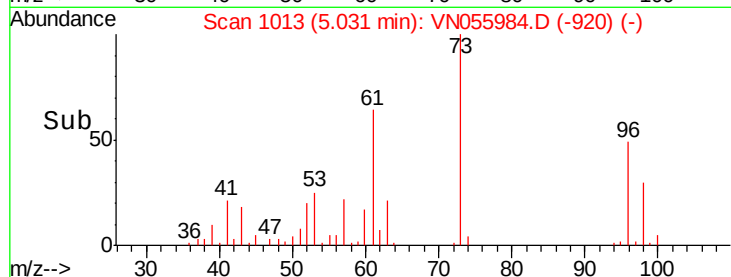
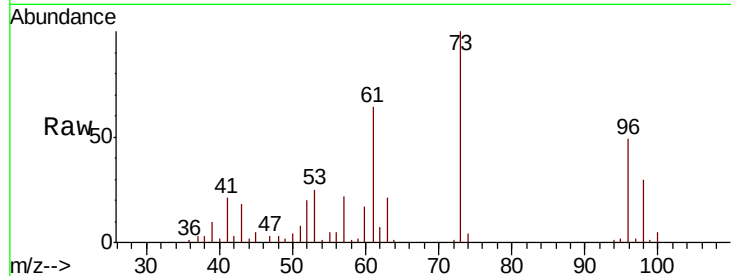




#21
trans-1,2-Dichloroethene
Concen: 21.181 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

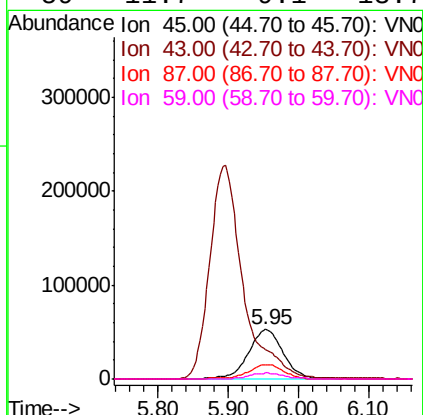
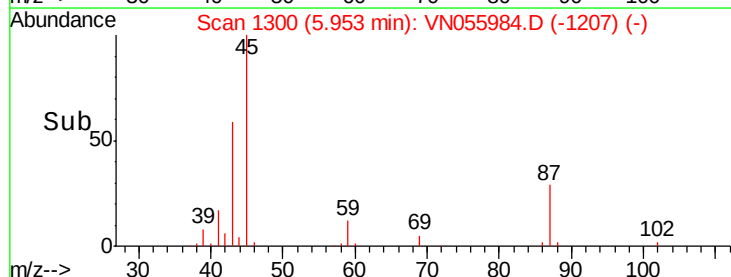
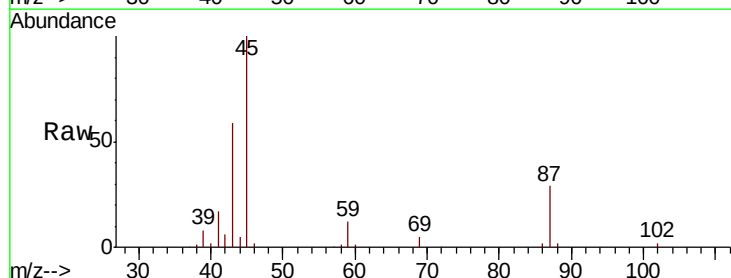
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

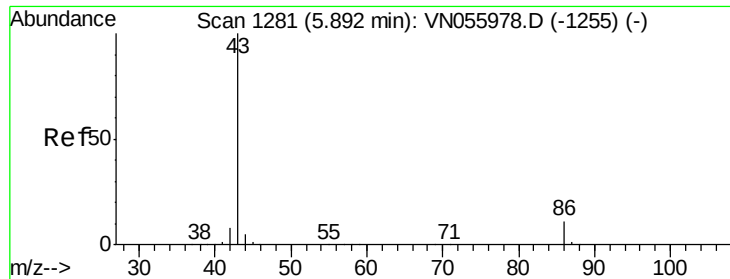
Tot Ion: 96 Resp: 61805
Ion Ratio Lower Upper
96 100
61 131.7 107.8 161.8
98 62.4 49.8 74.8



#22
Diisopropyl ether
Concen: 20.438 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion: 45 Resp: 181676
Ion Ratio Lower Upper
45 100
43 57.0 45.0 67.6
87 28.7 22.2 33.4
59 11.7 9.1 13.7





#23

Vinyl Acetate

Concen: 107.390 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampled :

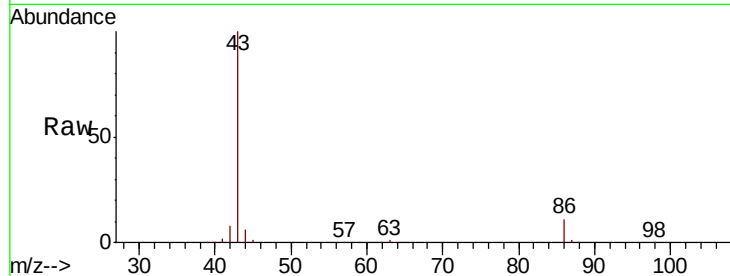
VN0604MBS01

Tot Ion: 43 Resp: 751757

Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

250000

200000

150000

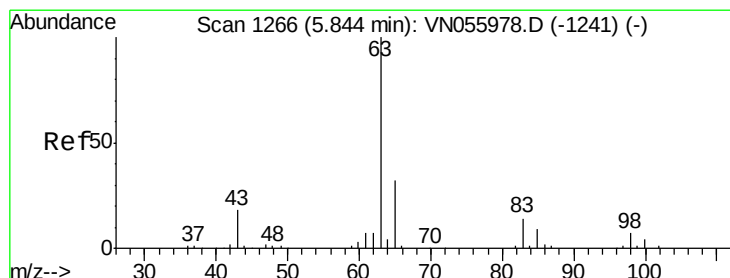
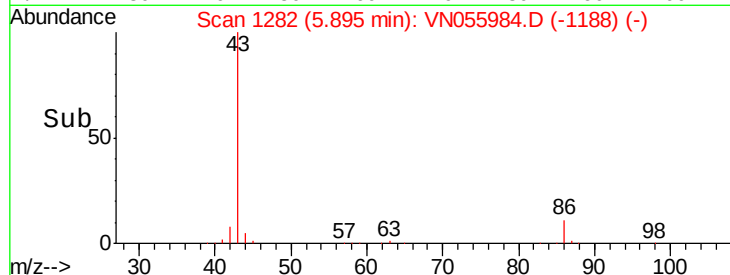
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 21.018 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

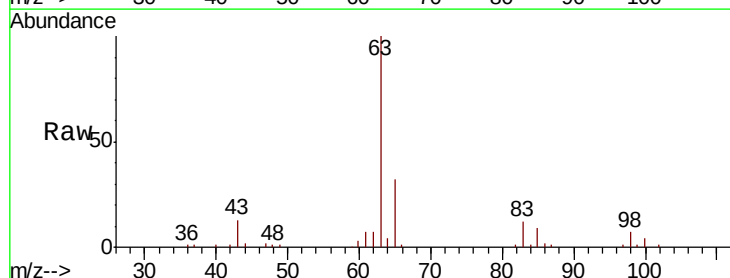
Tgt Ion: 63 Resp: 107775

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

100 4.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

40000

30000

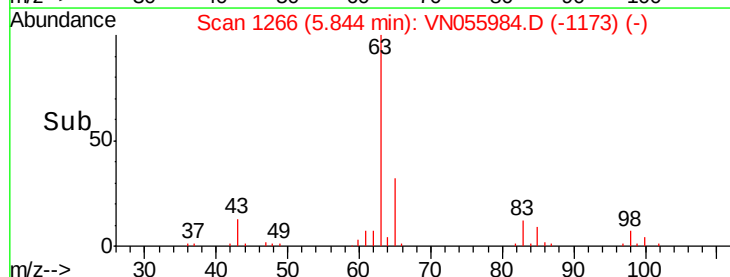
20000

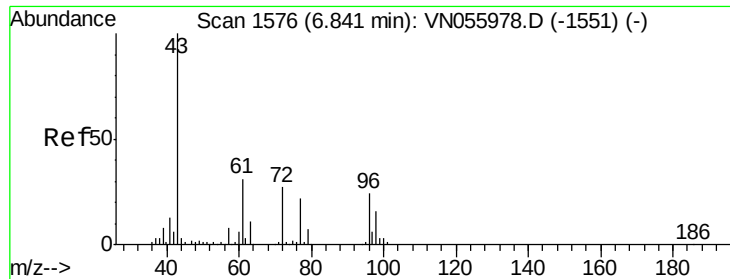
10000

0

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 108.170 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

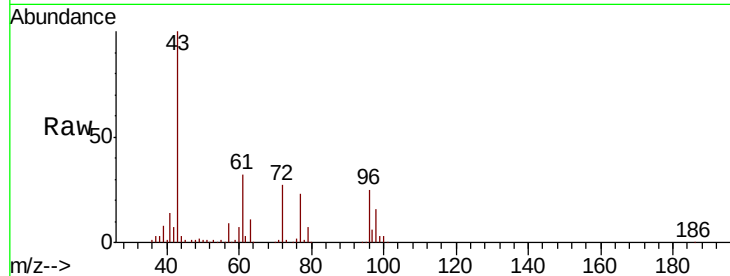
VN0604MBS01

Tot Ion: 43 Resp: 210541

Ion Ratio Lower Upper

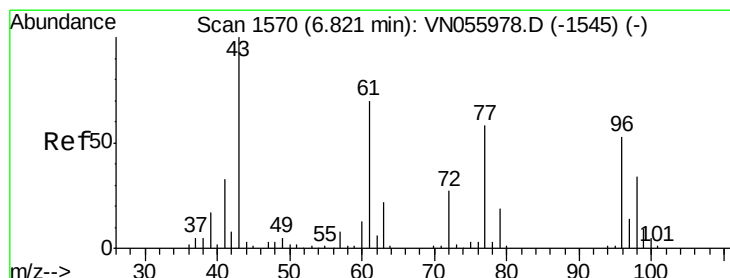
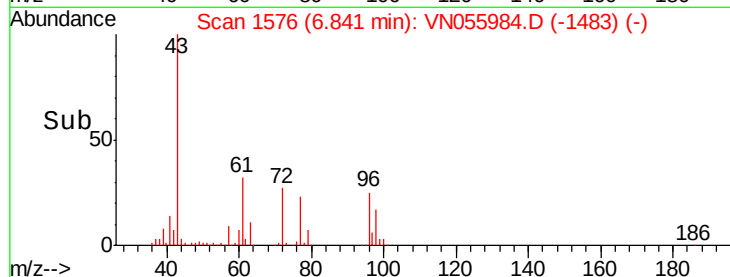
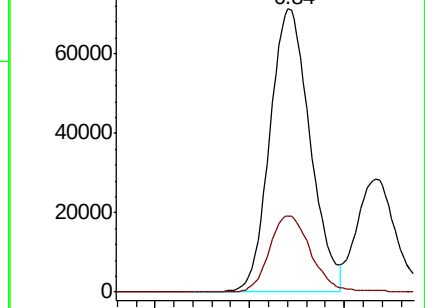
43 100

72 27.0 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.938 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN055984.D

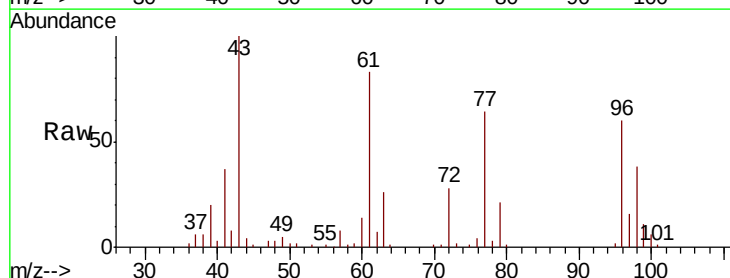
Acq: 4 Jun 2019 12:19

Tgt Ion: 77 Resp: 79775

Ion Ratio Lower Upper

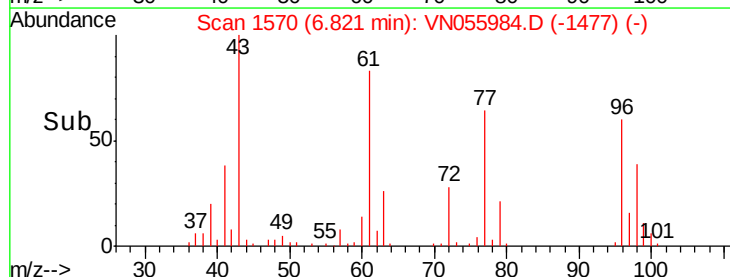
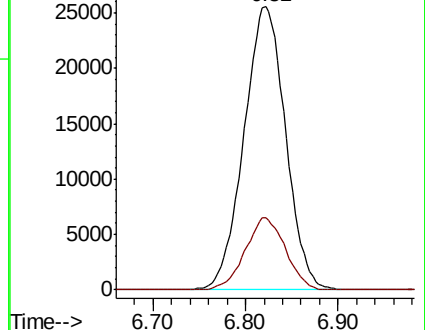
77 100

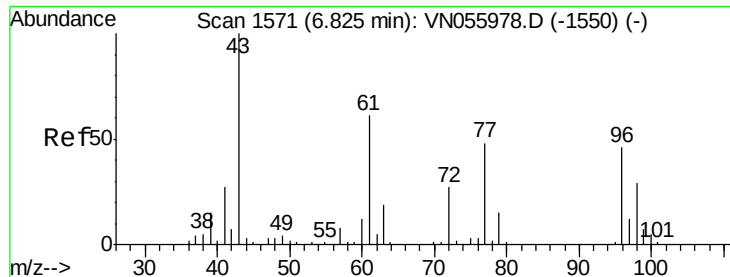
97 24.7 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 20.467 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

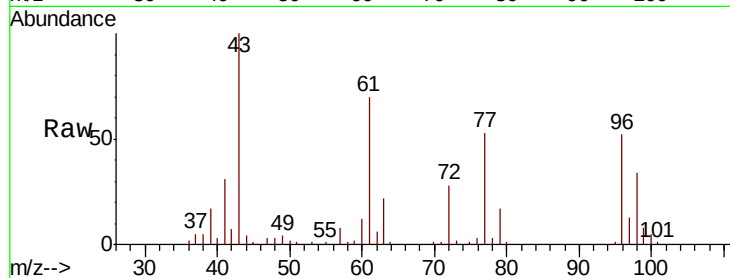
Tot Ion: 96 Resp: 70199

Ion Ratio Lower Upper

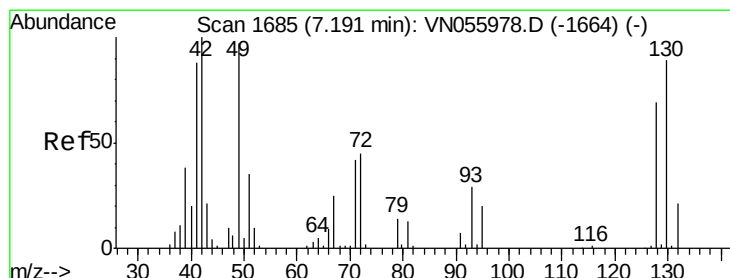
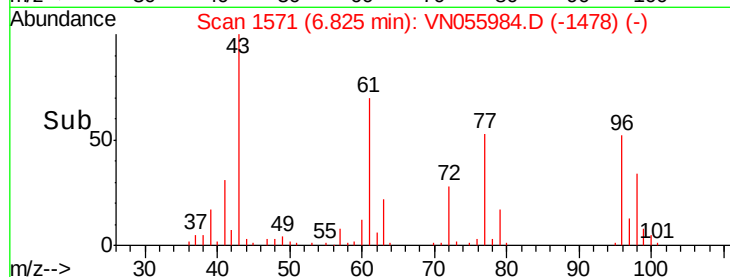
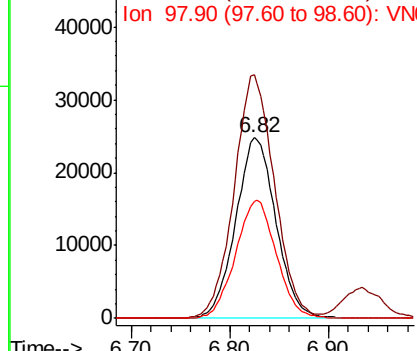
96 100

61 135.1 0.0 275.8

98 65.8 0.0 128.4



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: 19.681 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

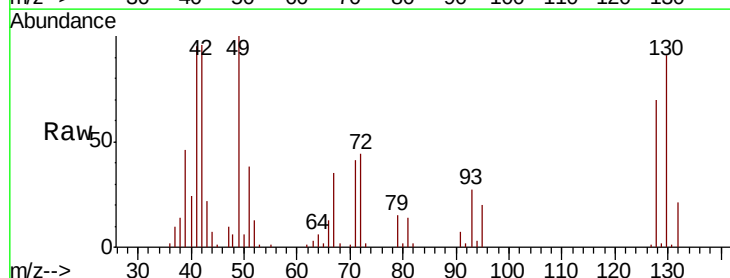
Tgt Ion: 49 Resp: 47723

Ion Ratio Lower Upper

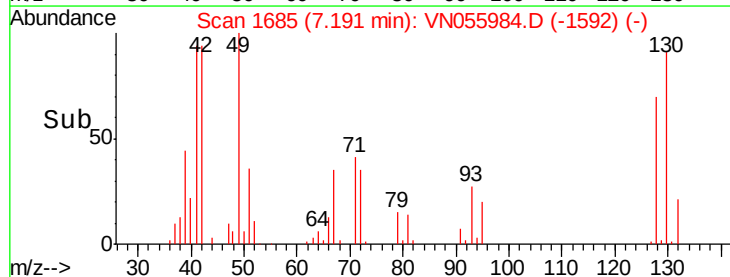
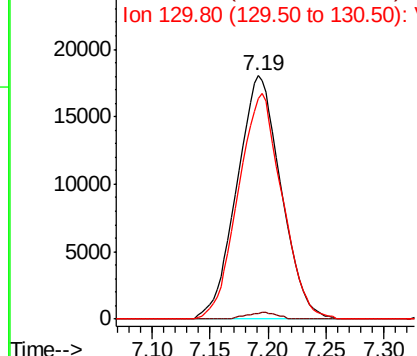
49 100

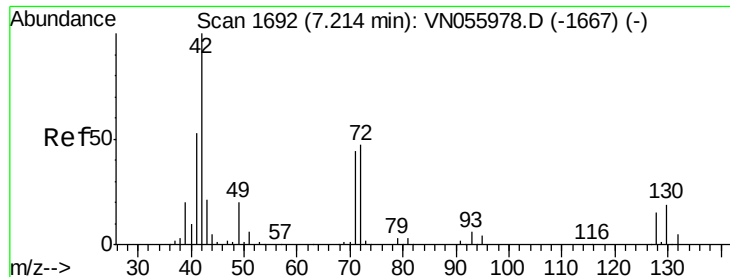
129 1.9 0.0 4.4

130 92.1 71.2 106.8



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

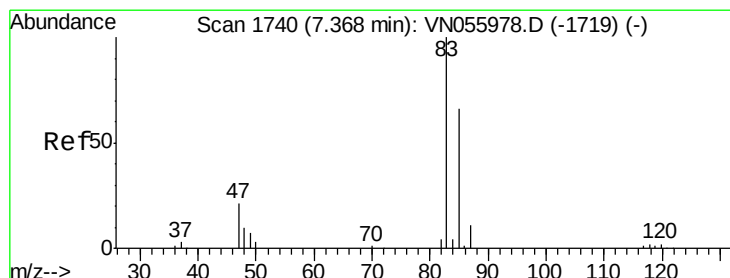
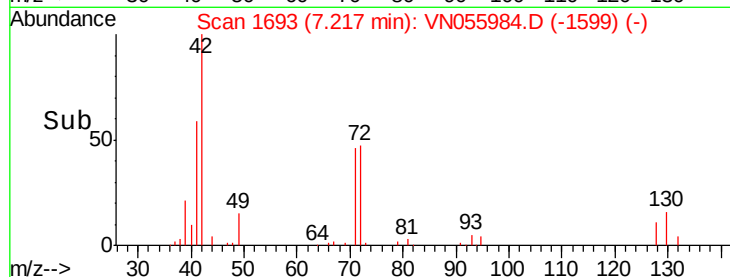
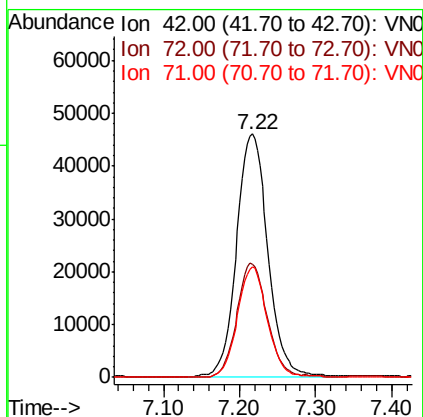
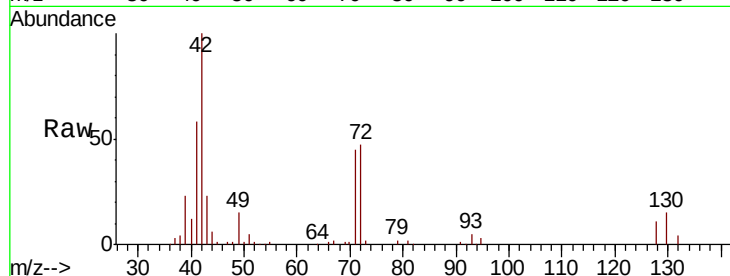




#29
Tetrahydrofuran
Concen: 110.175 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

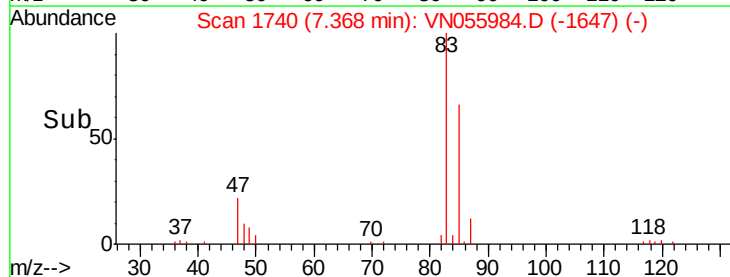
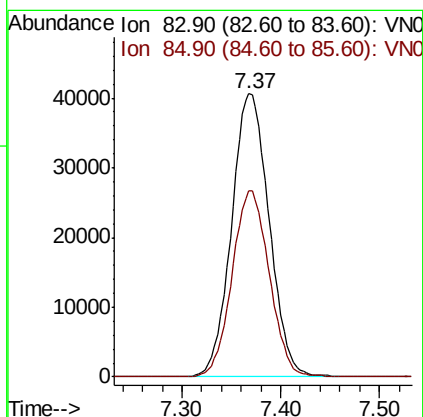
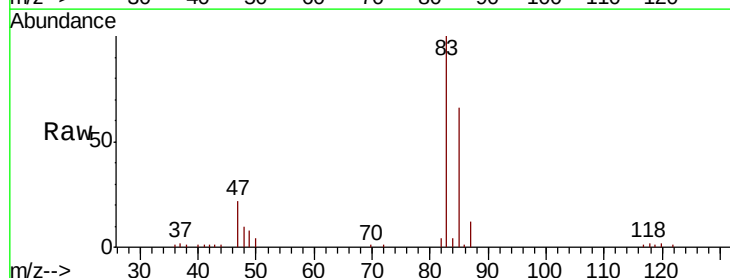
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

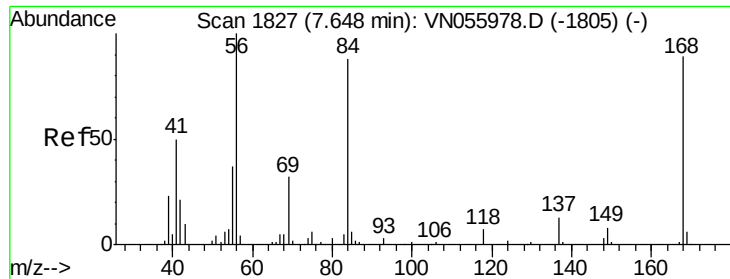
Tot Ion: 42 Resp: 132556
Ion Ratio Lower Upper
42 100
72 45.5 35.9 53.9
71 43.2 34.0 51.0



#30
Chloroform
Concen: 20.828 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion: 83 Resp: 107438
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.8

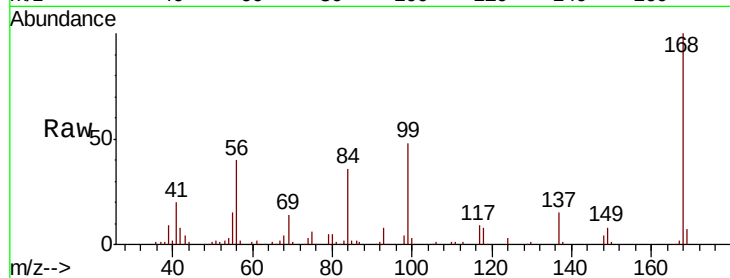




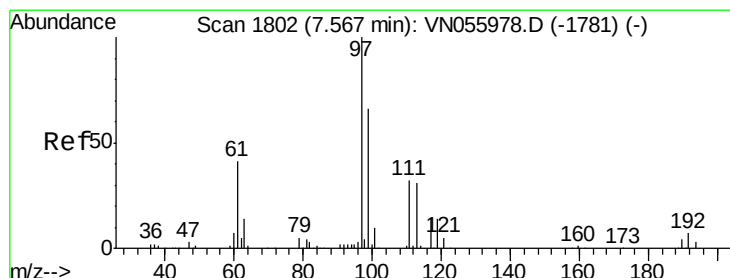
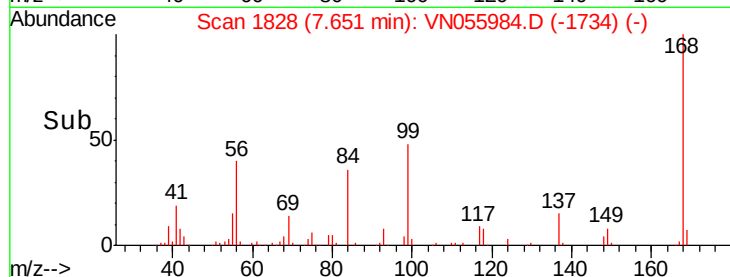
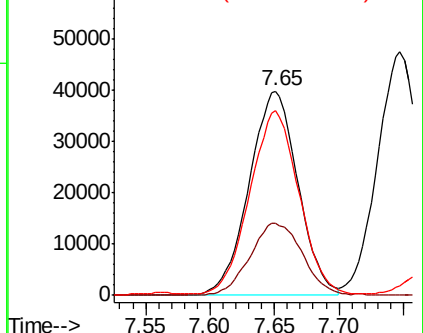
#31
Cyclohexane
Concen: 20.561 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0604MBS01

Tot Ion: 56 Resp: 105087
Ion Ratio Lower Upper
56 100
69 35.3 25.6 38.4
84 89.5 67.4 101.0

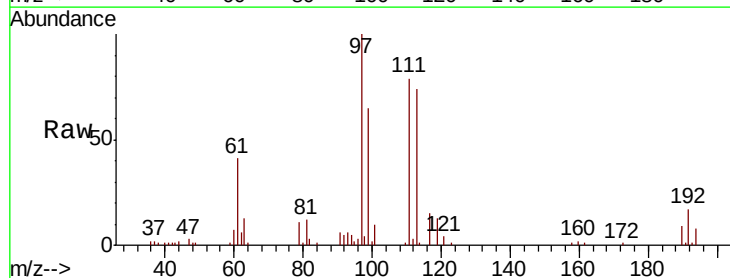


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

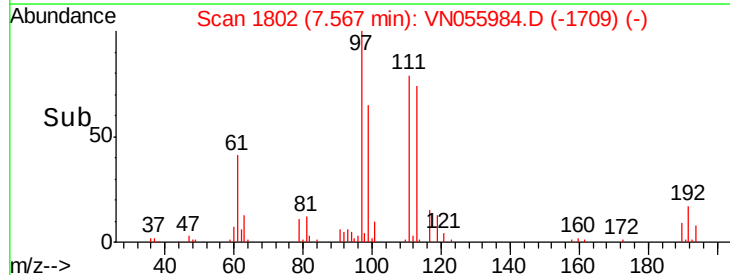
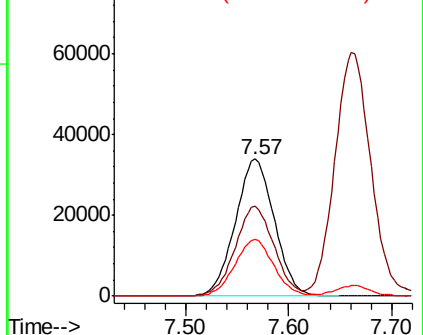


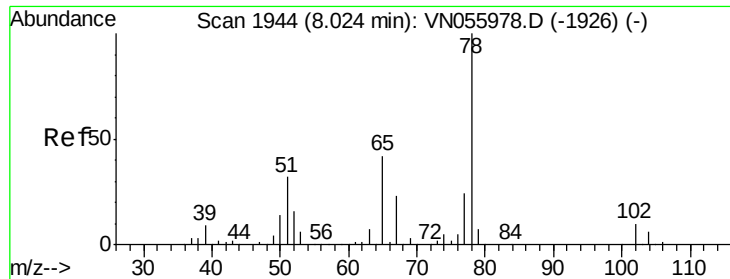
#32
1,1,1-Trichloroethane
Concen: 20.779 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion: 97 Resp: 89505
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 41.4 32.9 49.3



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

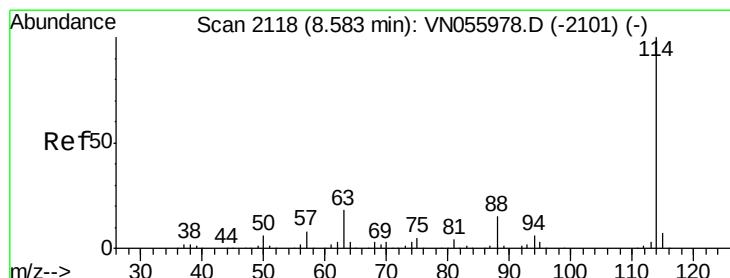
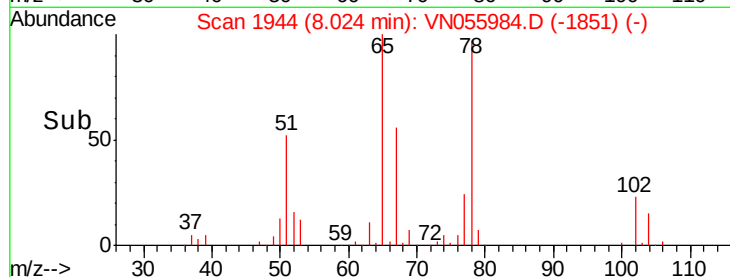
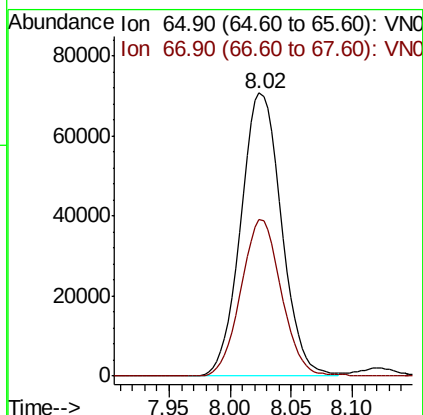
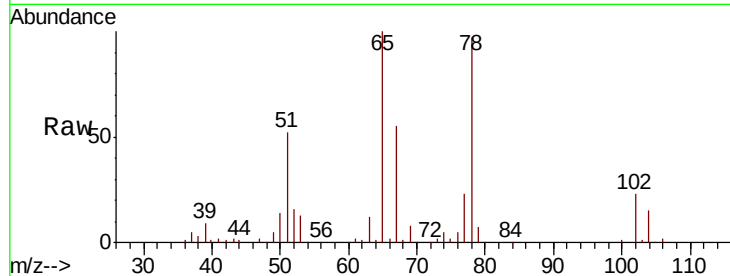




#33
 1,2-Dichloroethane-d4
 Concen: 50.619 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

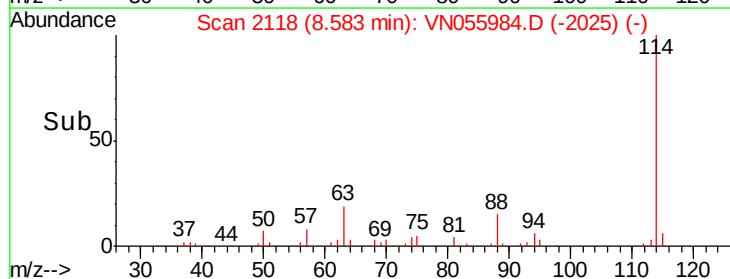
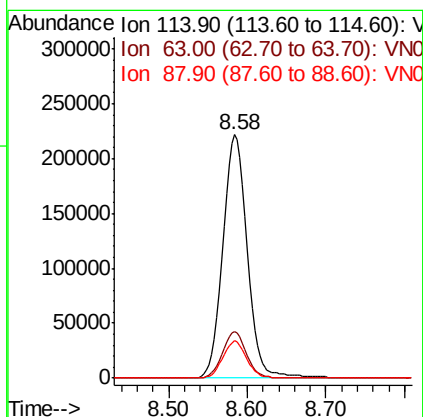
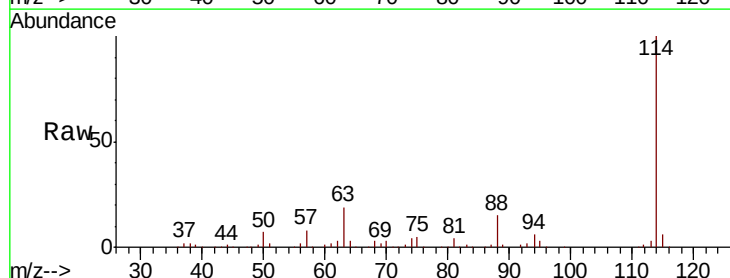
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

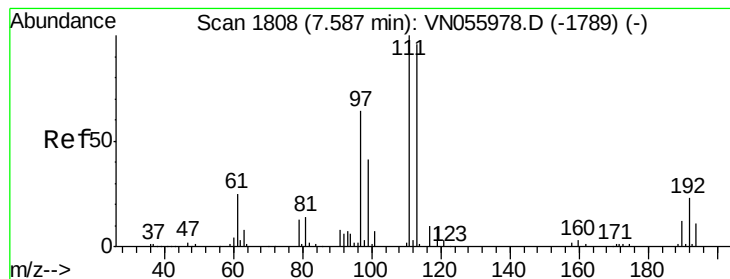
Tot Ion: 65 Resp: 163044
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

Tgt Ion: 114 Resp: 474930
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.004 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

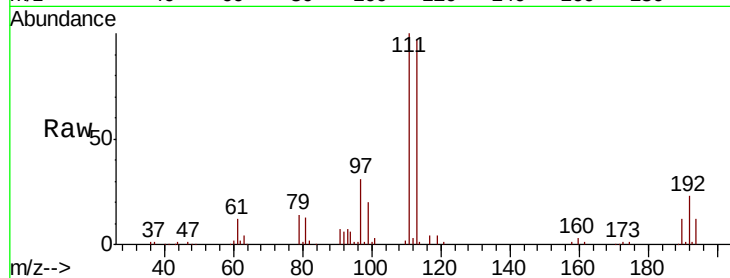
Tot Ion:113 Resp: 145705

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

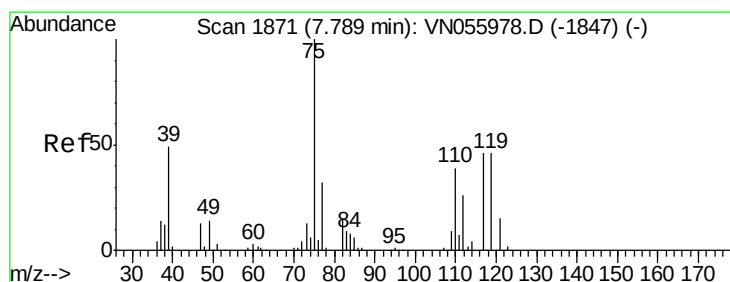
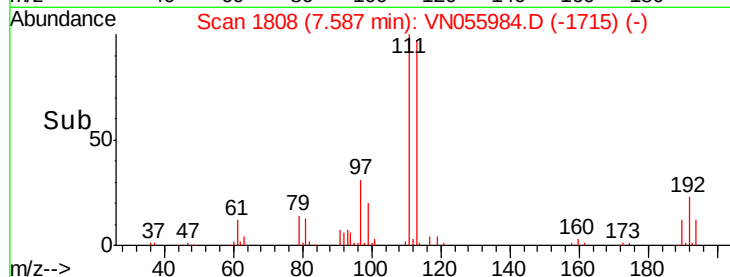
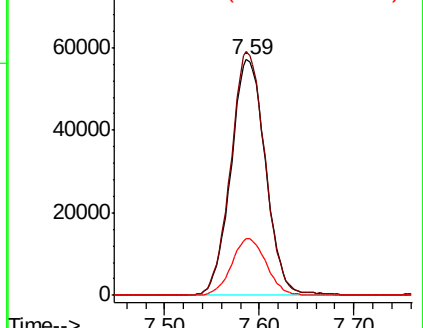
192 24.0 19.5 29.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.537 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

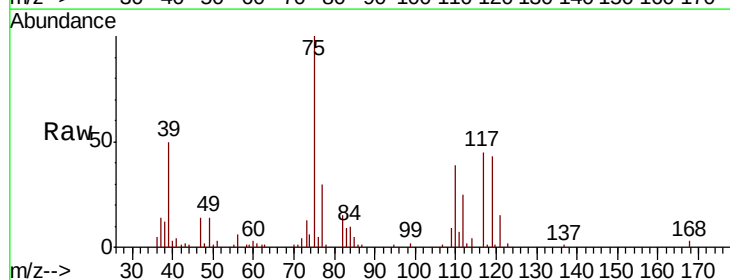
Tgt Ion: 75 Resp: 79785

Ion Ratio Lower Upper

75 100

110 38.9 19.0 57.0

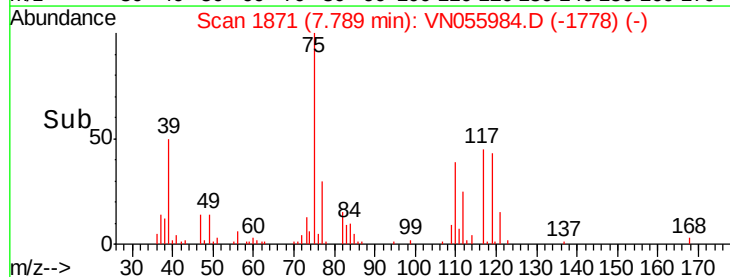
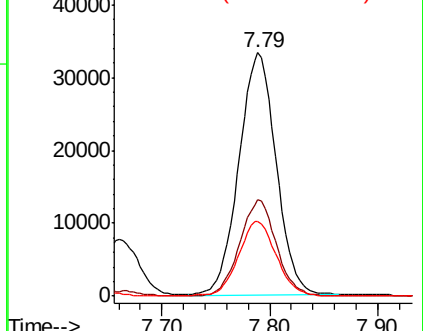
77 31.3 25.1 37.7

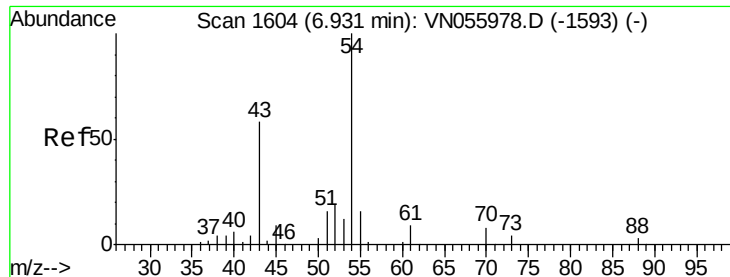


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

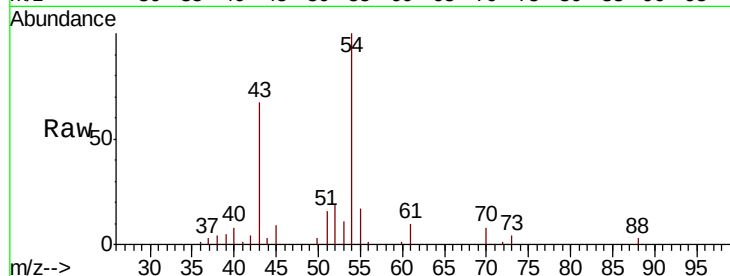




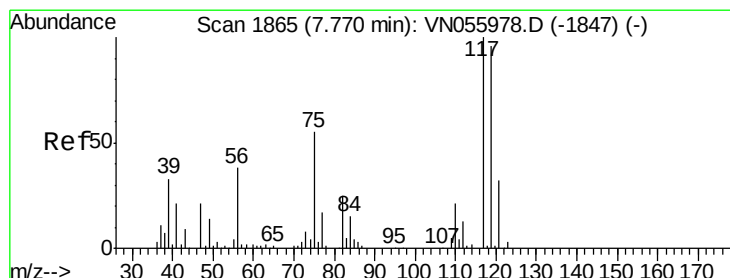
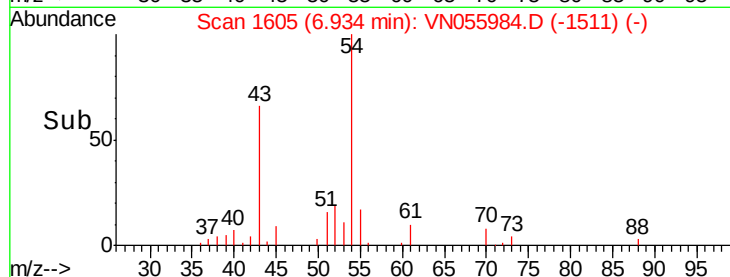
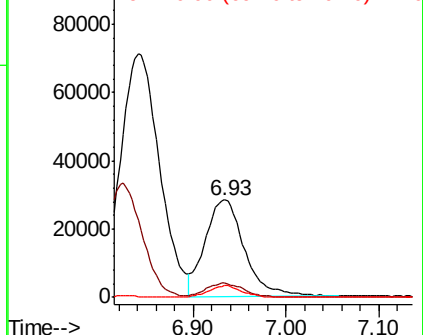
#37
Ethyl Acetate
Concen: 22.788 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

Tot Ion: 43 Resp: 82800
Ion Ratio Lower Upper
43 100
61 14.2 12.2 18.2
70 10.3 8.9 13.3

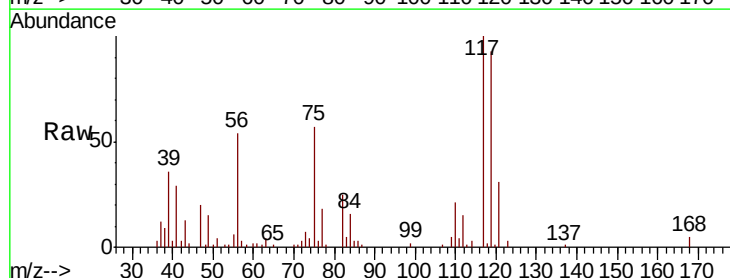


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

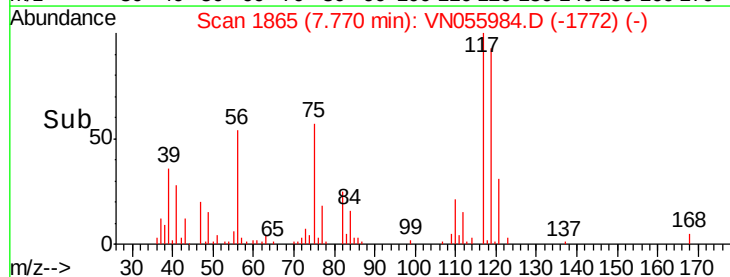
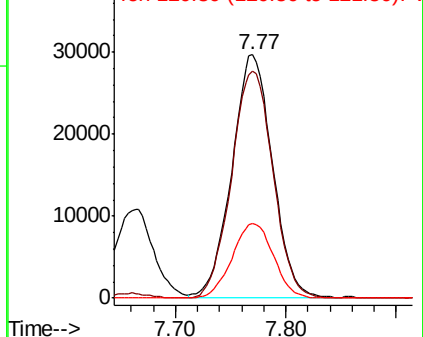


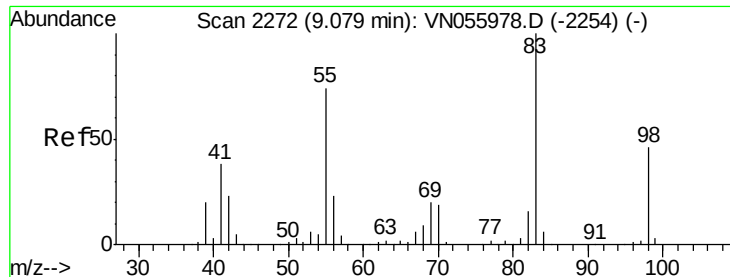
#38
Carbon Tetrachloride
Concen: 20.176 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion: 117 Resp: 75963
Ion Ratio Lower Upper
117 100
119 93.5 79.0 118.6
121 30.5 24.7 37.1



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

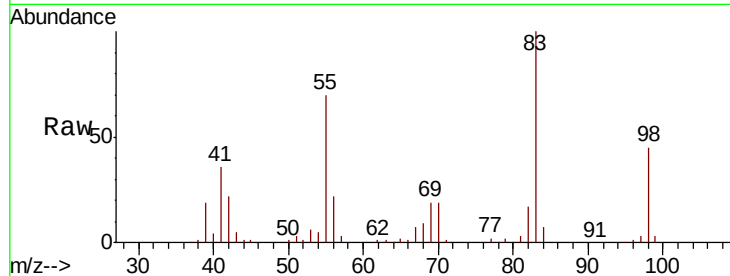




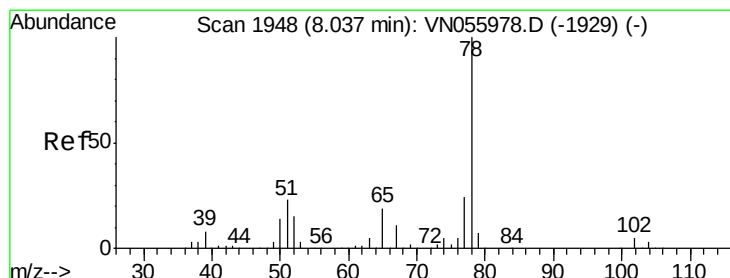
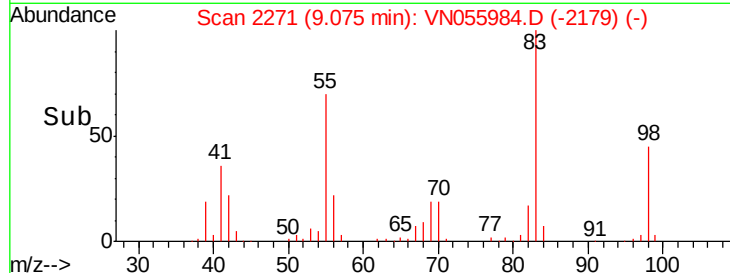
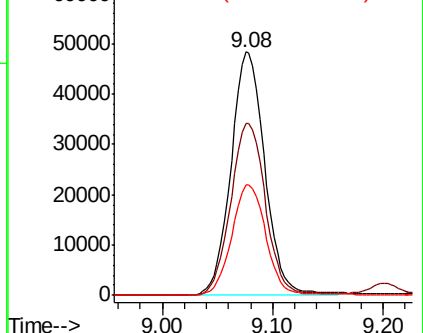
#39
Methylvlcyclohexane
Concen: 20.303 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

Tot Ion: 83 Resp: 103283
Ion Ratio Lower Upper
83 100
55 70.4 59.3 88.9
98 45.3 36.6 54.8

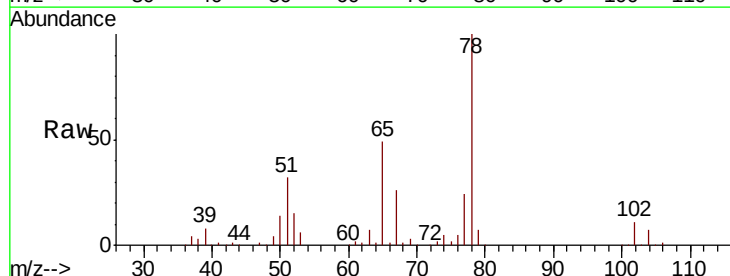


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

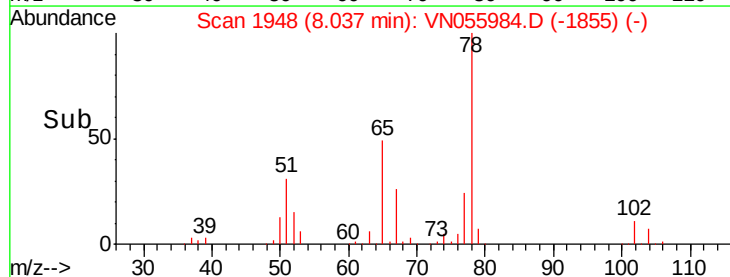
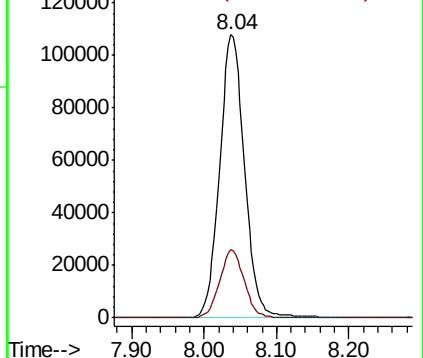


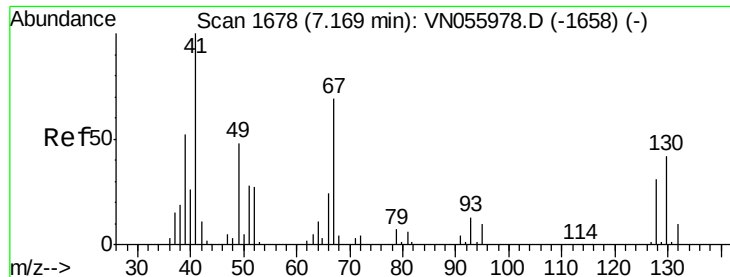
#40
Benzene
Concen: 20.775 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion: 78 Resp: 257681
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2



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

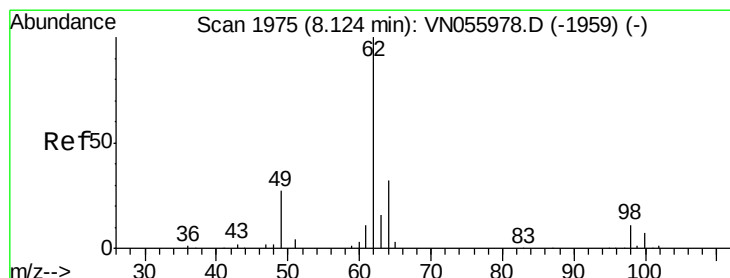
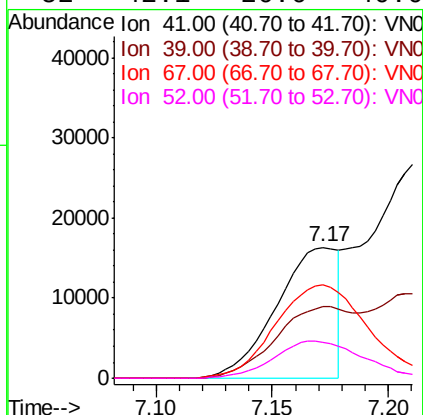
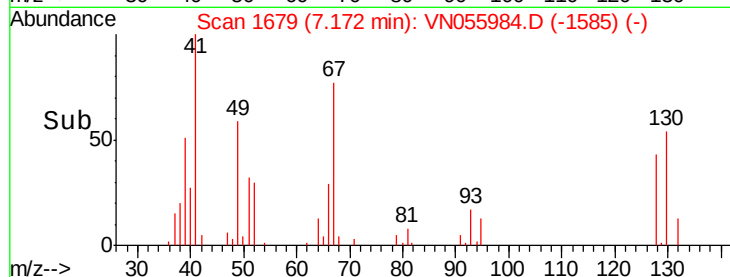
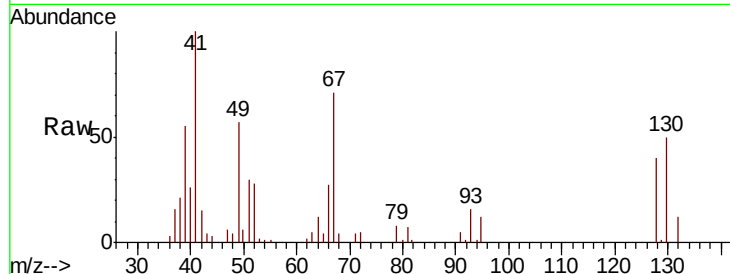




#41
Methacrylonitrile
Concen: 18.095 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

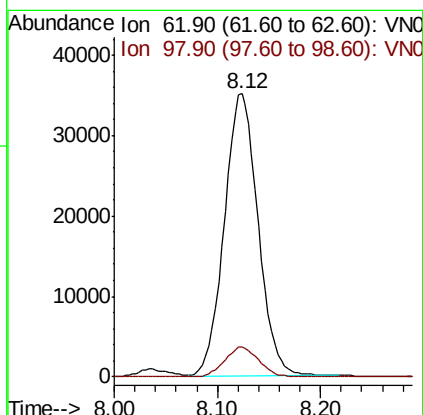
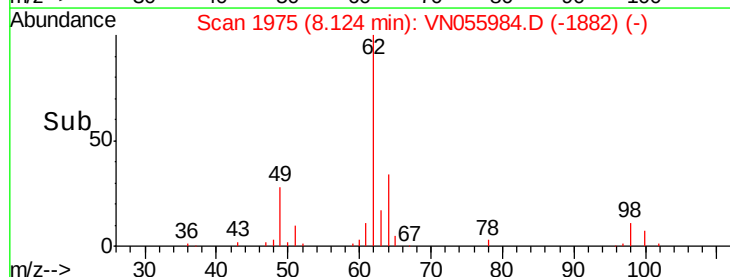
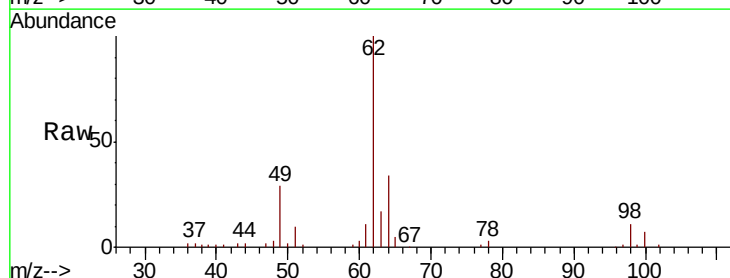
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

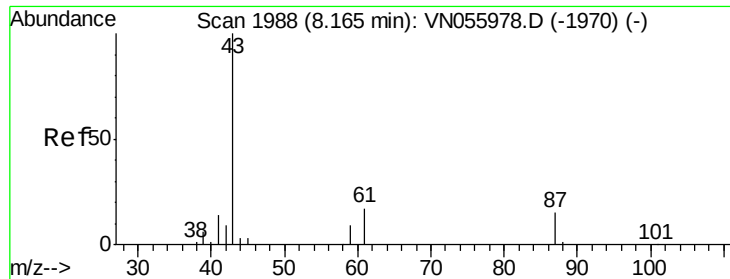
Tot Ion: 41 Resp: 30250
Ion Ratio Lower Upper
41 100
39 71.0 45.6 68.4#
67 108.7 67.7 101.5#
52 42.1 26.6 40.0#



#42
1,2-Dichloroethane
Concen: 20.054 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion: 62 Resp: 80011
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2





#43

Isopropyl Acetate

Concen: 20.827 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

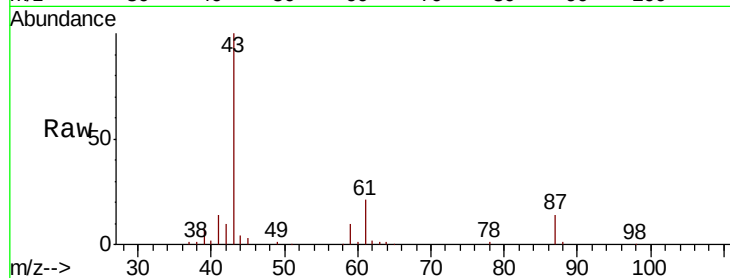
Tot Ion: 43 Resp: 122632

Ion Ratio Lower Upper

43 100

61 22.0 22.2 33.4#

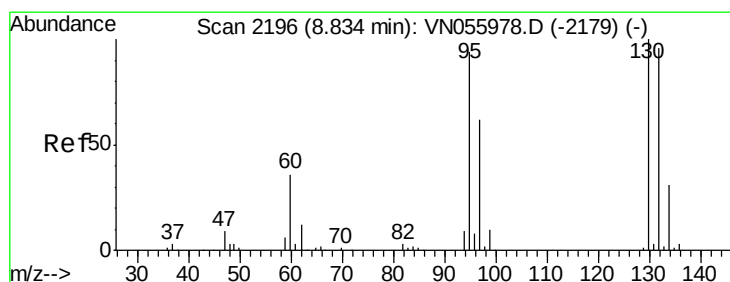
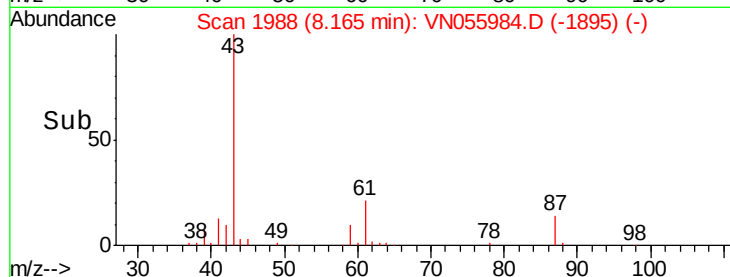
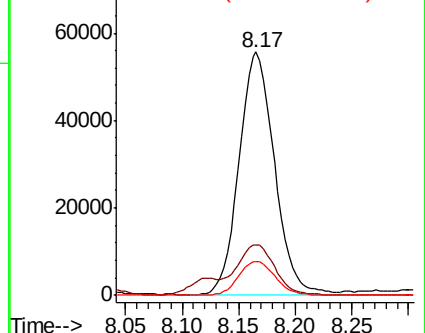
87 14.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 19.971 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055984.D

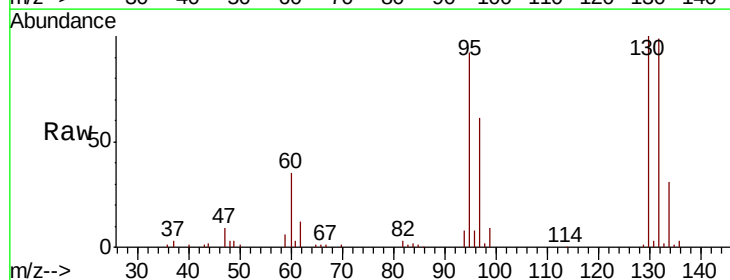
Acq: 4 Jun 2019 12:19

Tgt Ion:130 Resp: 71177

Ion Ratio Lower Upper

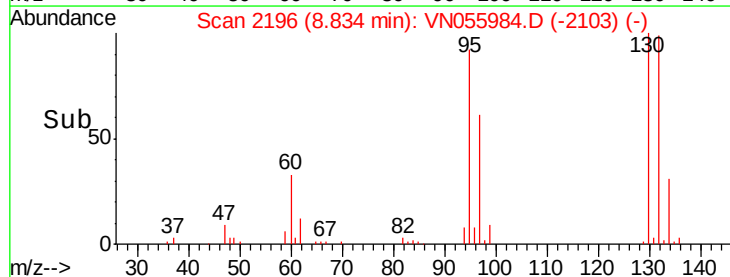
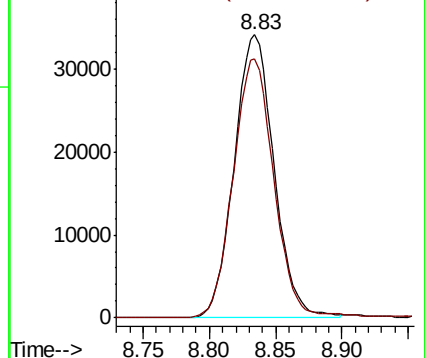
130 100

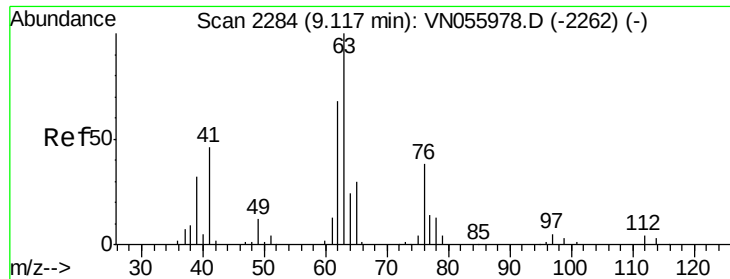
95 91.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

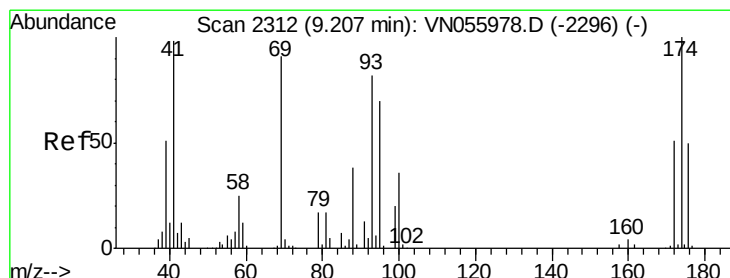
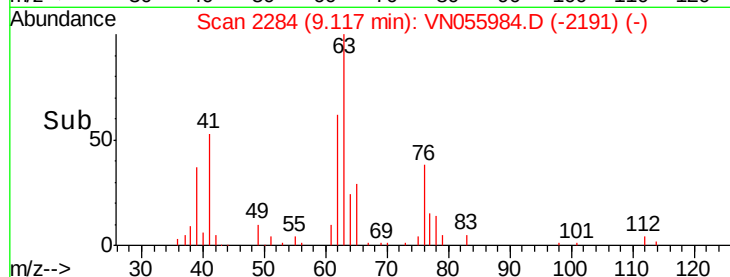
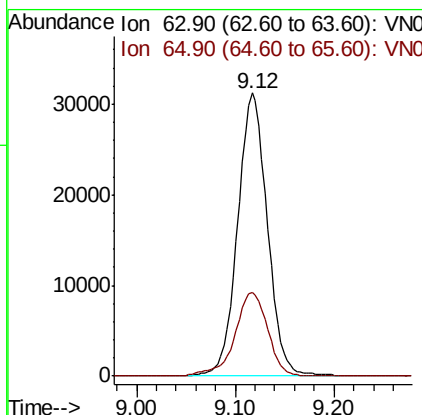
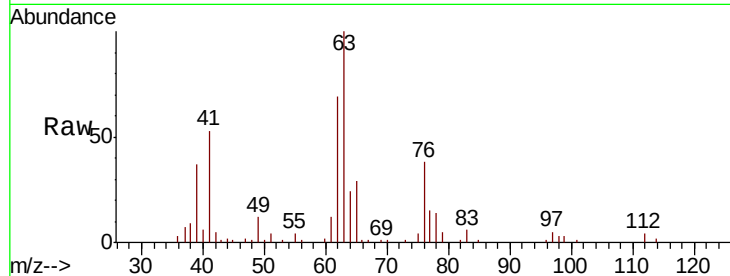




#45
 1,2-Dichloropropane
 Concen: 20.469 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

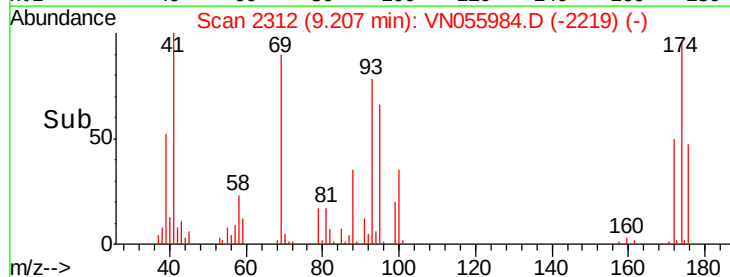
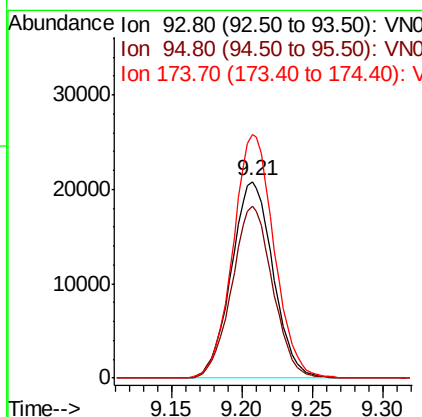
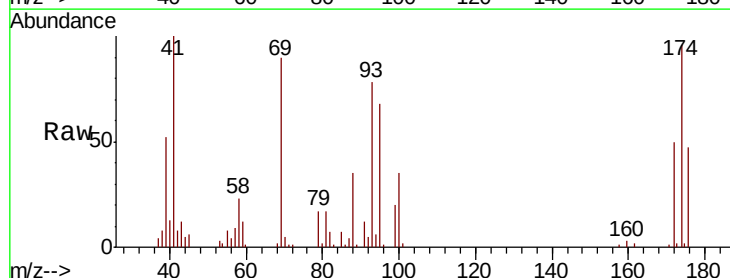
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

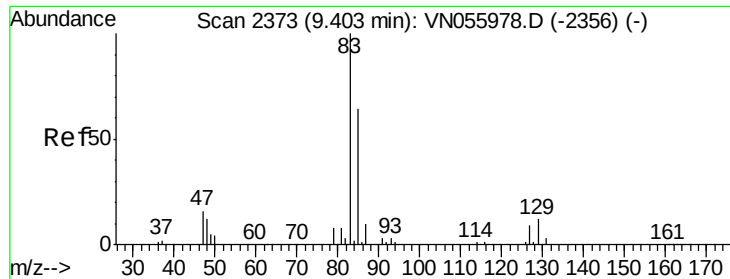
Tot Ion: 63 Resp: 65030
 Ion Ratio Lower Upper
 63 100
 65 29.5 24.6 36.8



#46
 Dibromomethane
 Concen: 20.696 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

Tgt Ion: 93 Resp: 42997
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.7 100.1
 174 122.2 96.4 144.6





#47

Bromodichloromethane

Concen: 20.227 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

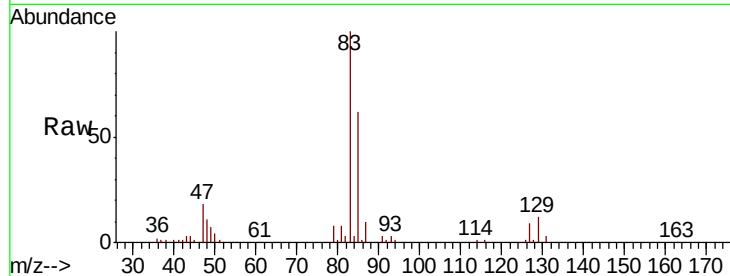
Tot Ion: 83 Resp: 76161

Ion Ratio Lower Upper

83 100

85 62.2 52.2 78.2

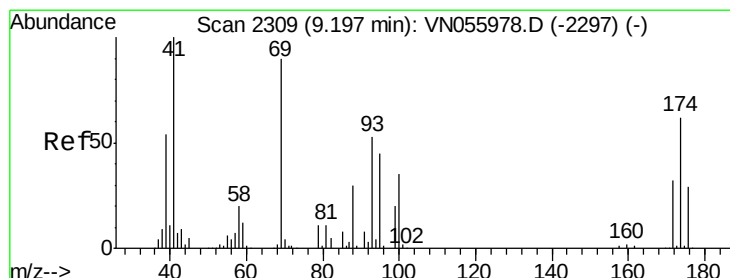
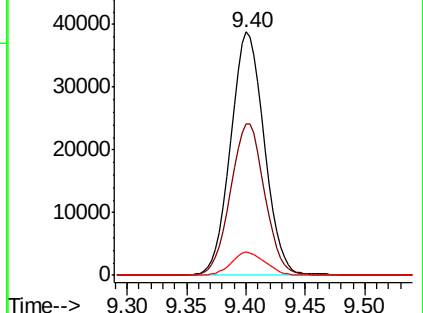
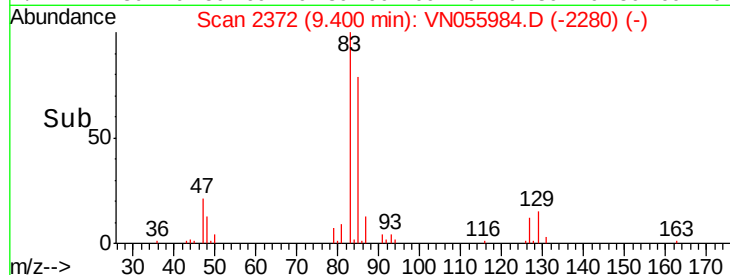
127 9.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 21.175 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

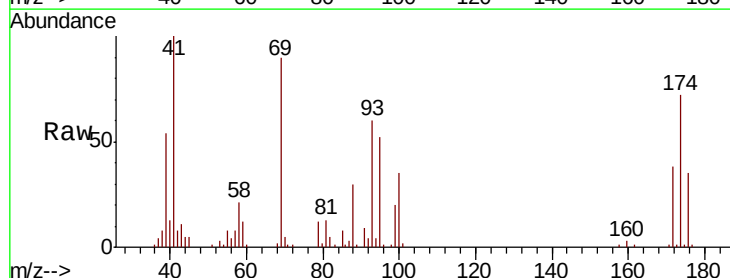
Tgt Ion: 41 Resp: 60997

Ion Ratio Lower Upper

41 100

69 90.9 71.0 106.6

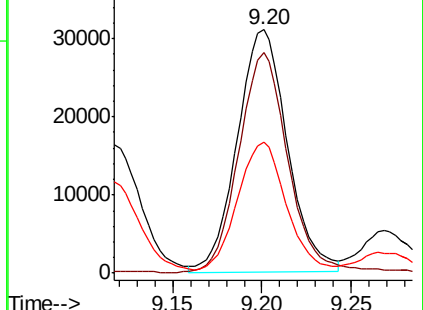
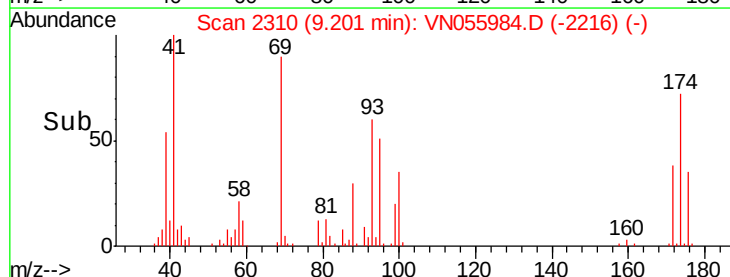
39 52.7 44.2 66.2

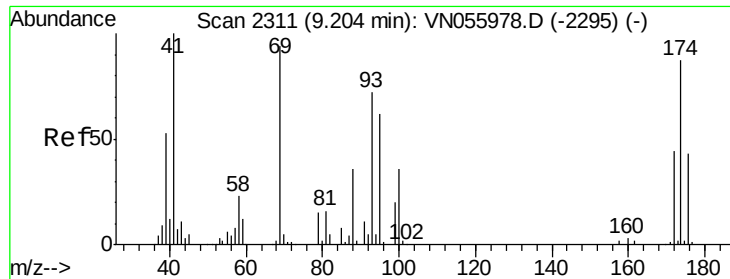


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 412.246 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

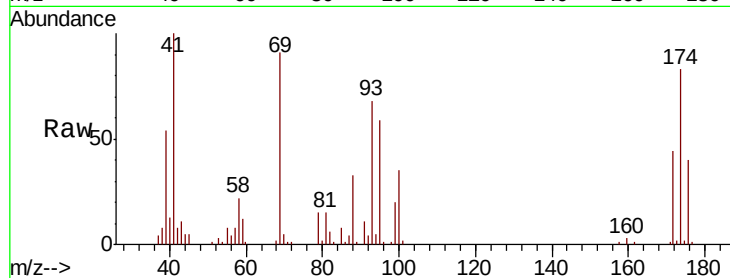
MSVOA_N

ClientSampleId :

VN0604MBS01

Tot Ion: 88 Resp: 25637

Ion	Ratio	Lower	Upper
88	100		
43	26.2	20.5	30.7
58	64.1	55.8	83.6

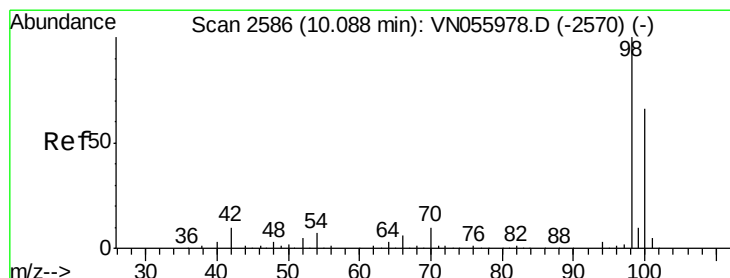
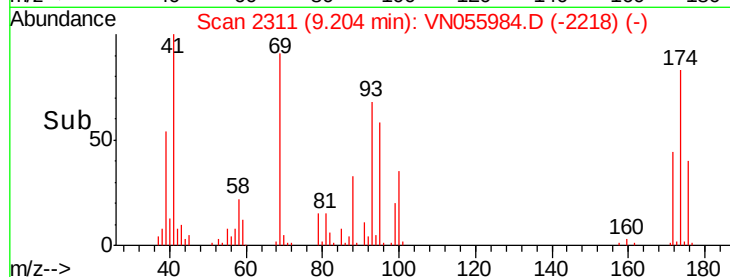
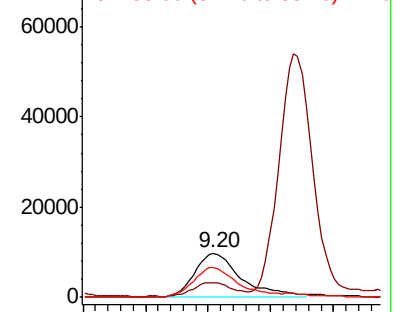


Abundance

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: 49.619 ug/l

RT: 10.09 min Scan# 2586

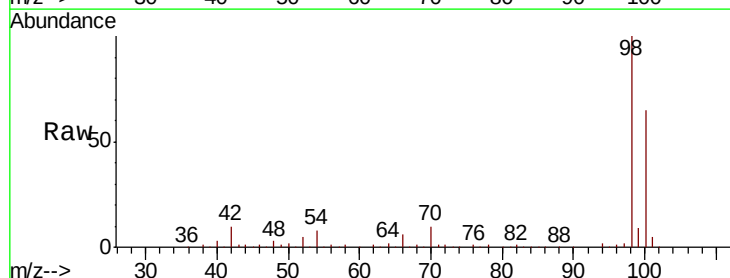
Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Tgt Ion: 98 Resp: 556357

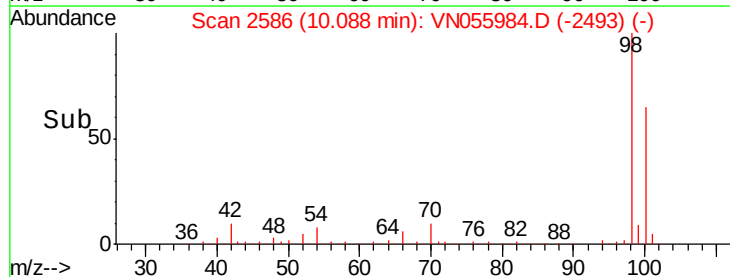
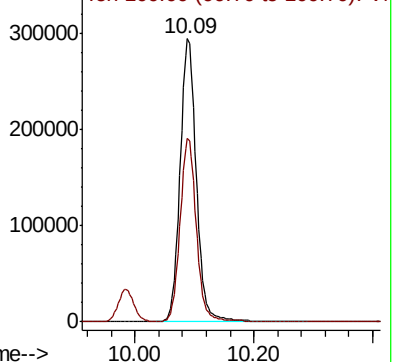
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9

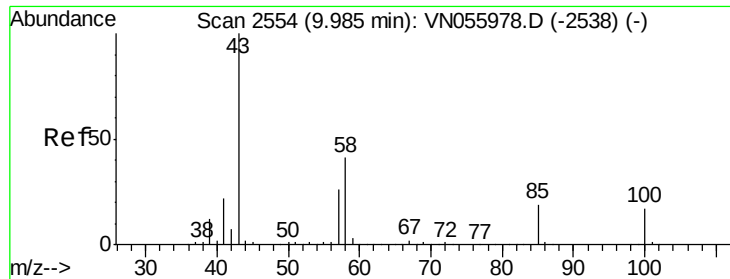


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 105.305 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

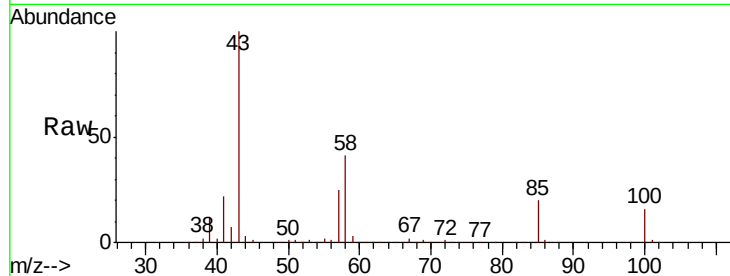
VN0604MBS01

Tot Ion: 43 Resp: 387741

Ion Ratio Lower Upper

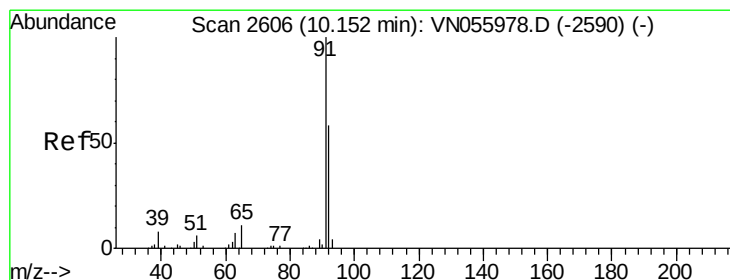
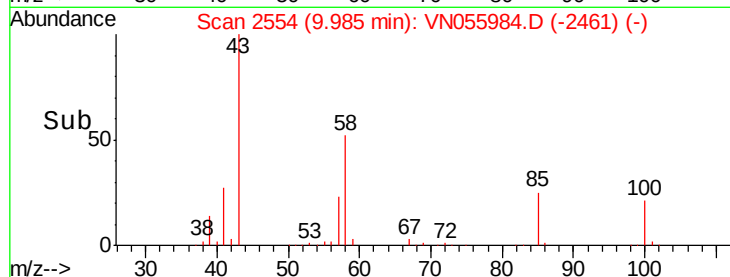
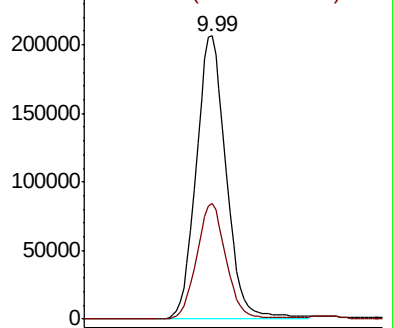
43 100

58 40.3 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.930 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN055984.D

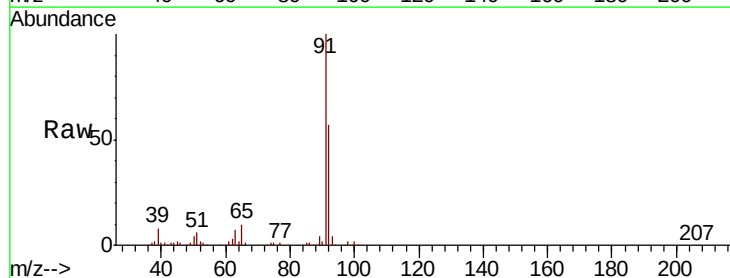
Acq: 4 Jun 2019 12:19

Tgt Ion: 92 Resp: 161542

Ion Ratio Lower Upper

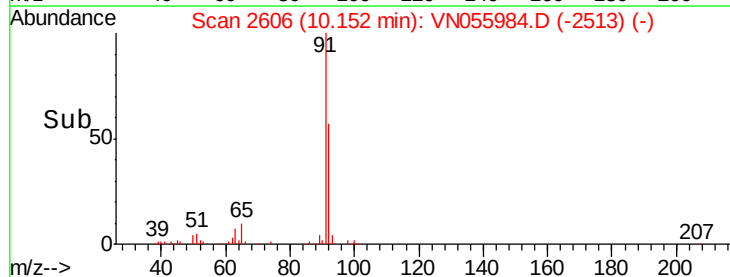
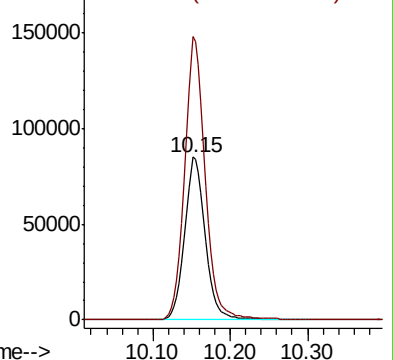
92 100

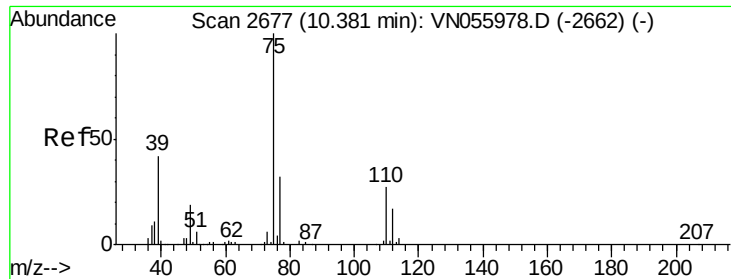
91 172.6 139.4 209.2



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: 19.039 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

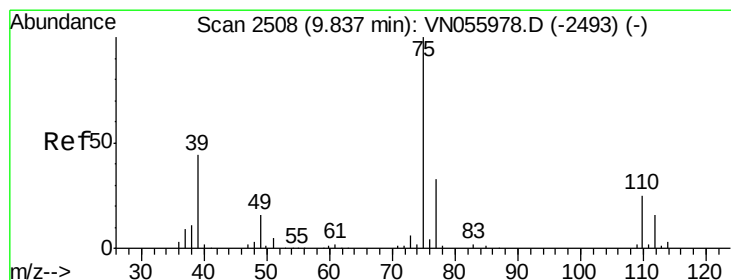
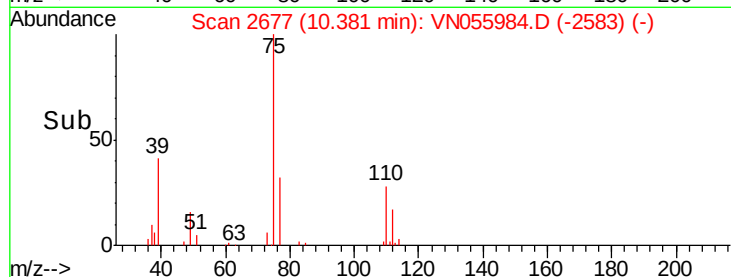
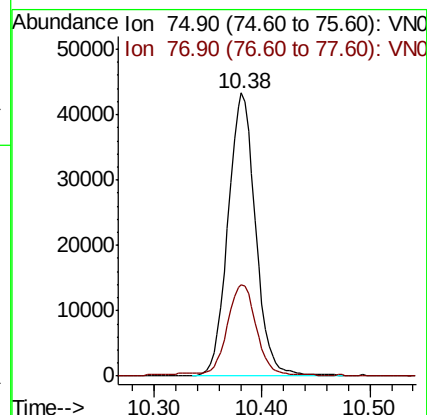
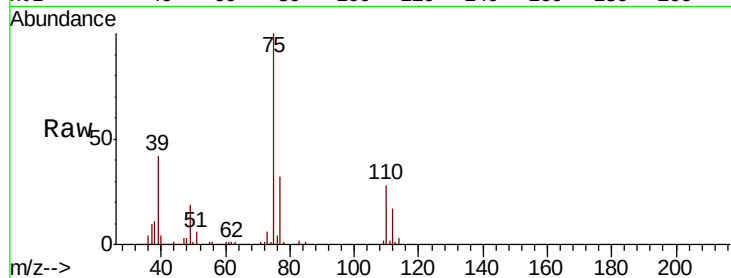
VN0604MBS01

Tot Ion: 75 Resp: 77165

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 20.760 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

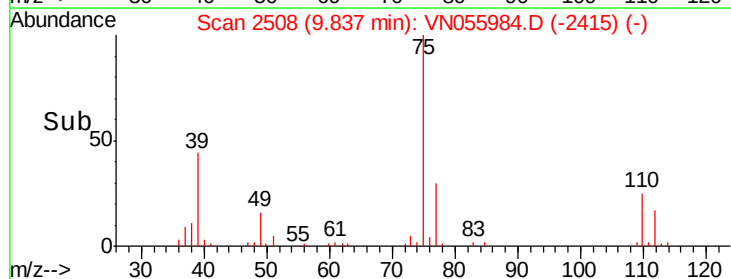
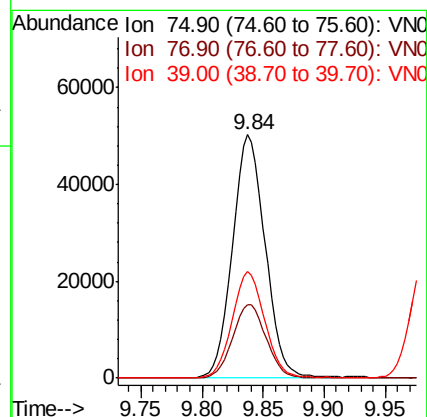
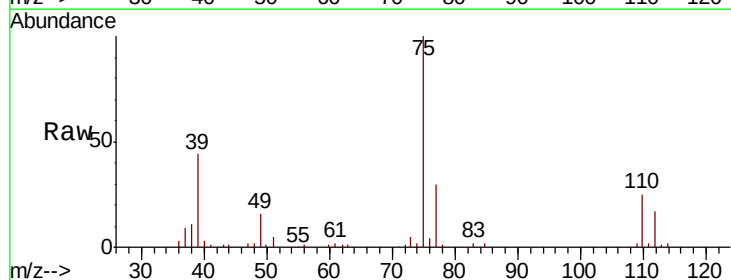
Tgt Ion: 75 Resp: 93958

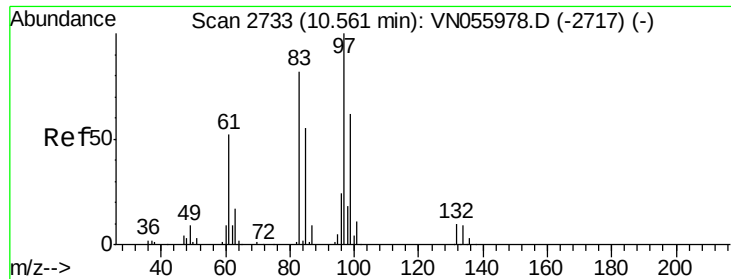
Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.0

39 43.6 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 20.589 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0604MBS01

Tot Ion: 97 Resp: 62945

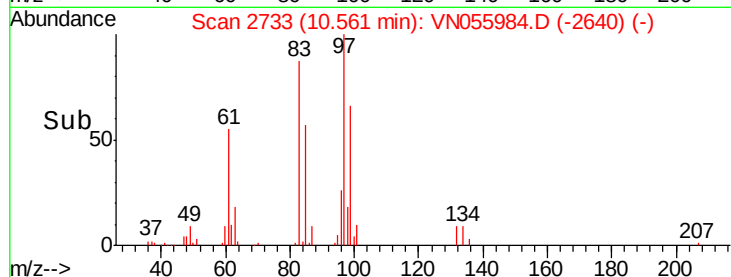
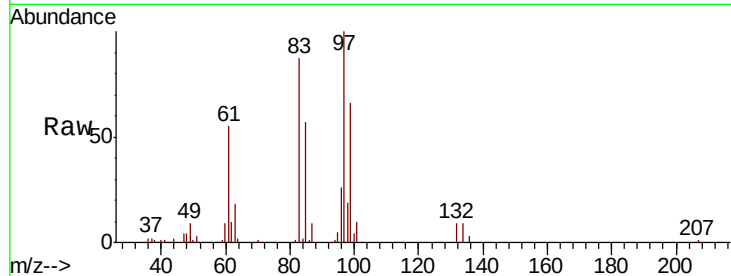
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.0	100.6
85	56.9	44.0	66.0
99	65.9	50.6	75.8

97 100

83 87.2 67.0 100.6

85 56.9 44.0 66.0

99 65.9 50.6 75.8



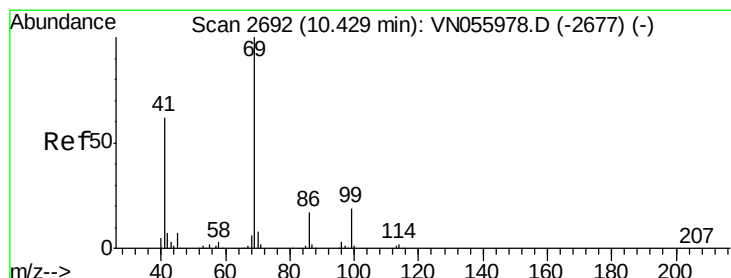
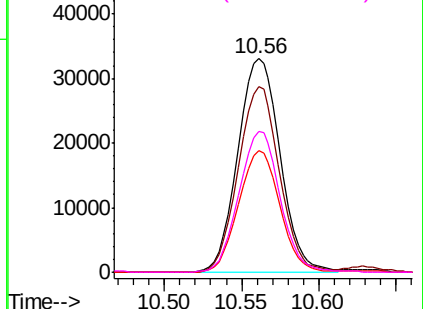
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 20.779 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

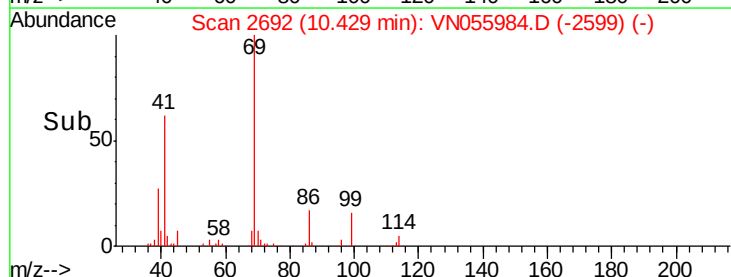
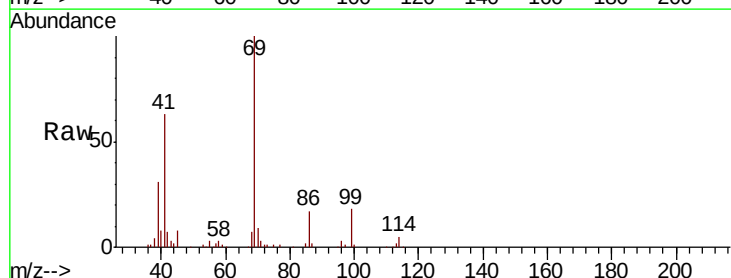
Tgt Ion: 69 Resp: 92676

Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.7	74.5
39	30.1	24.7	37.1

69 100

41 61.8 49.7 74.5

39 30.1 24.7 37.1

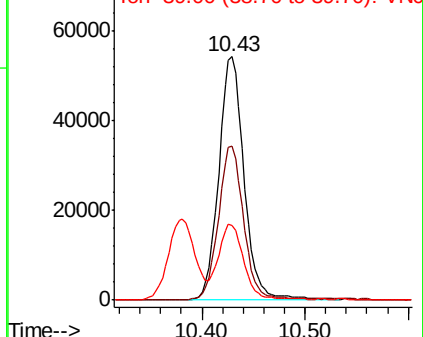


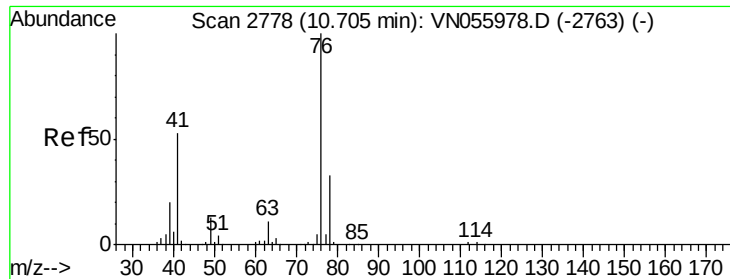
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 20.419 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

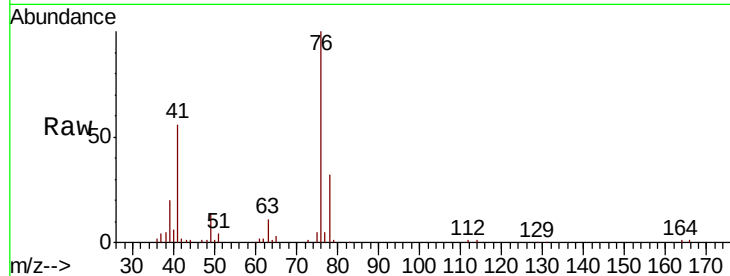
VN0604MBS01

Tot Ion: 76 Resp: 101482

Ion Ratio Lower Upper

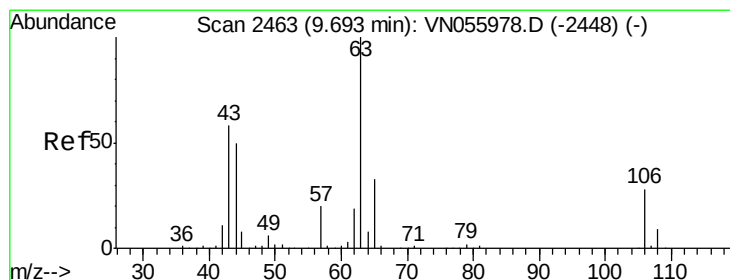
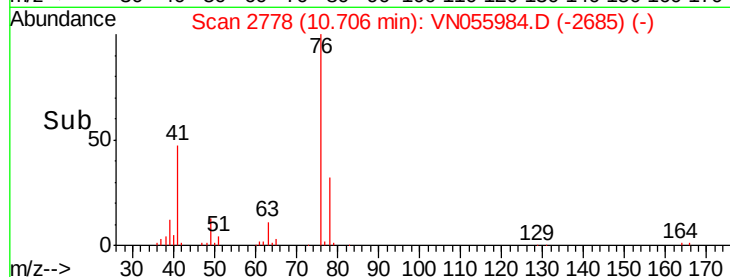
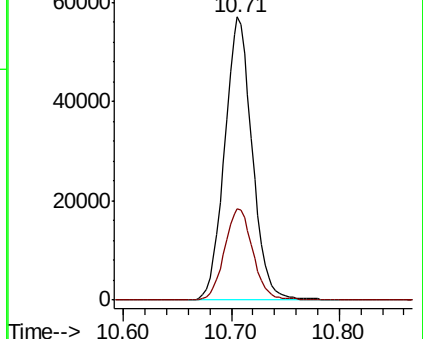
76 100

78 33.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 100.269 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN055984.D

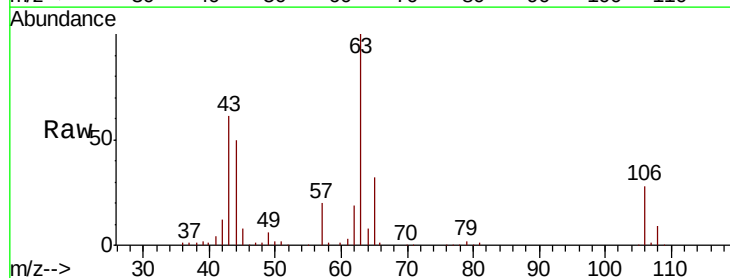
Acq: 4 Jun 2019 12:19

Tgt Ion: 63 Resp: 160565

Ion Ratio Lower Upper

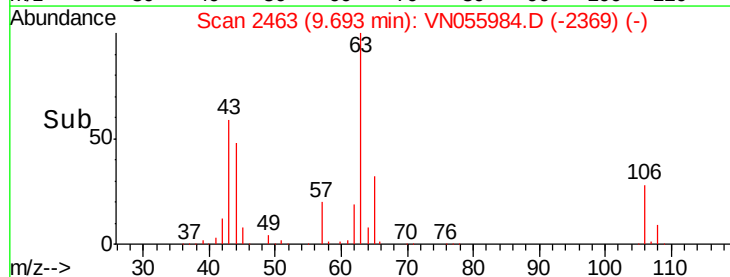
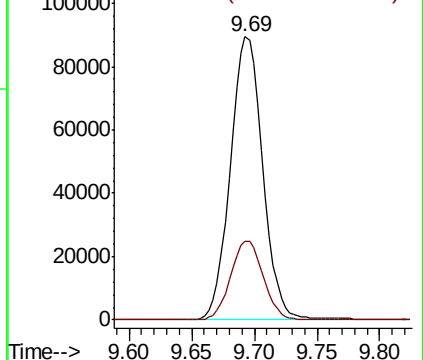
63 100

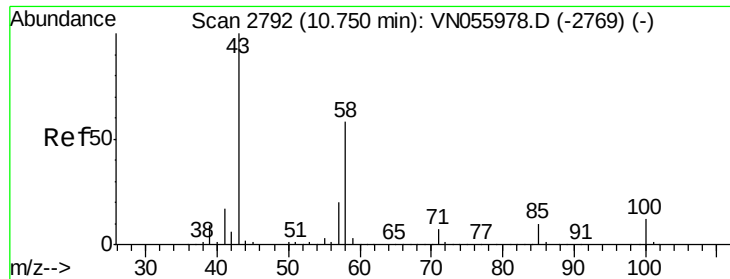
106 28.1 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

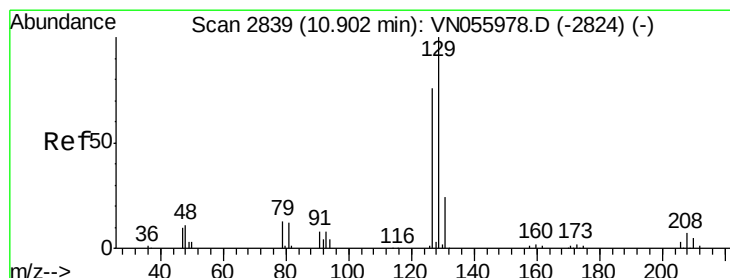
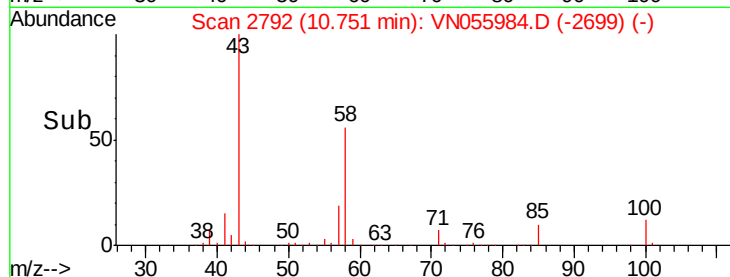
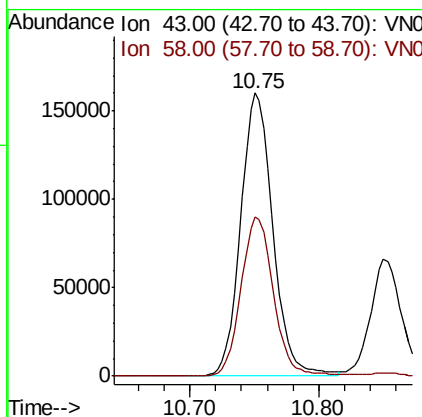
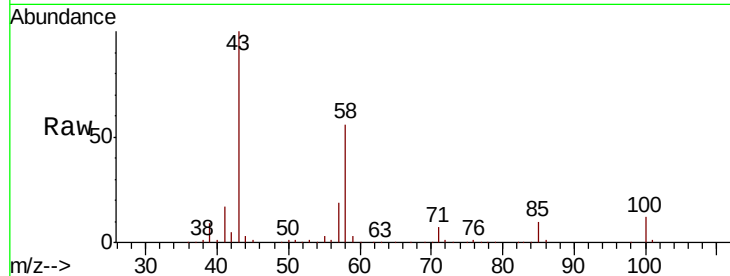




#59
2-Hexanone
Concen: 104.270 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

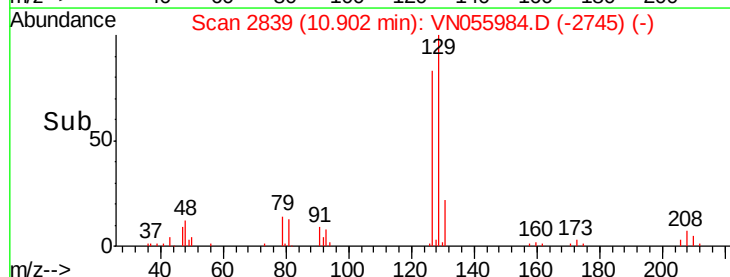
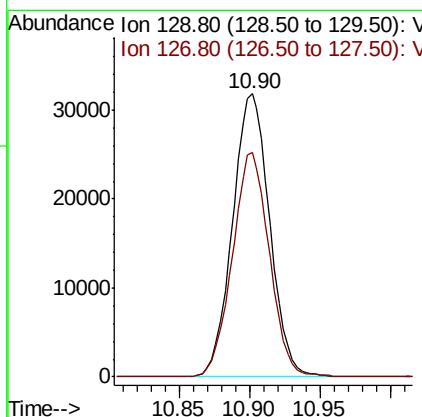
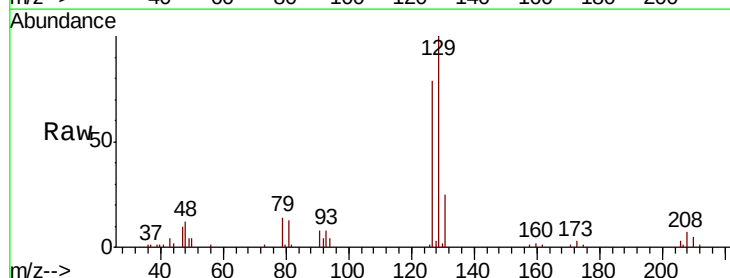
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

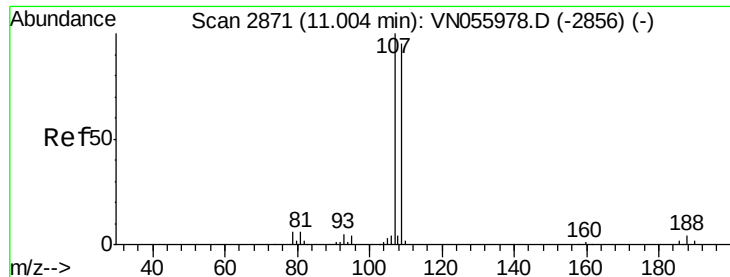
Tot Ion: 43 Resp: 278265
Ion Ratio Lower Upper
43 100
58 56.8 28.2 84.7



#60
Dibromochloromethane
Concen: 18.973 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion: 129 Resp: 58581
Ion Ratio Lower Upper
129 100
127 79.1 38.1 114.3





#61

1,2-Dibromoethane

Concen: 20.705 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

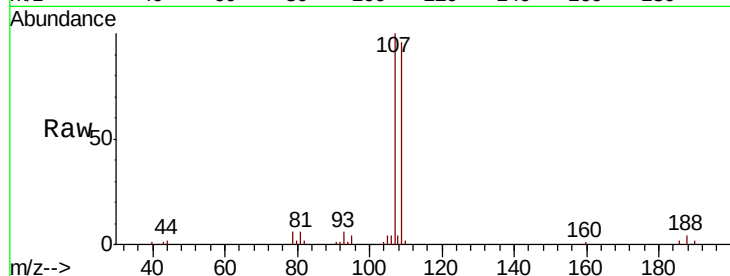
VN0604MBS01

Tot Ion:107 Resp: 64712

Ion Ratio Lower Upper

107 100

109 96.3 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

40000

30000

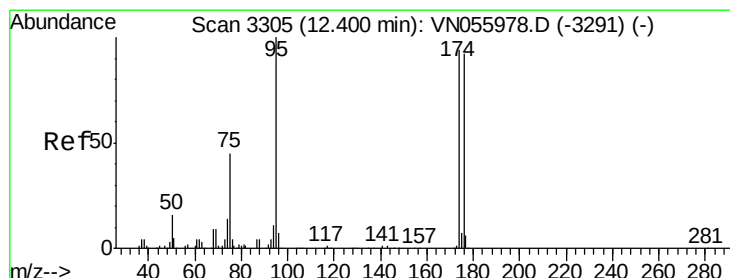
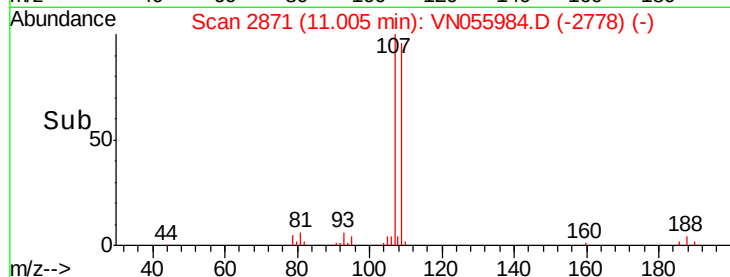
20000

10000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 48.055 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

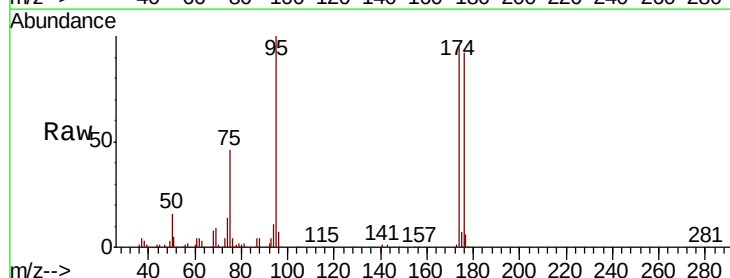
Tgt Ion: 95 Resp: 183238

Ion Ratio Lower Upper

95 100

174 94.9 0.0 191.0

176 91.9 0.0 185.2



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

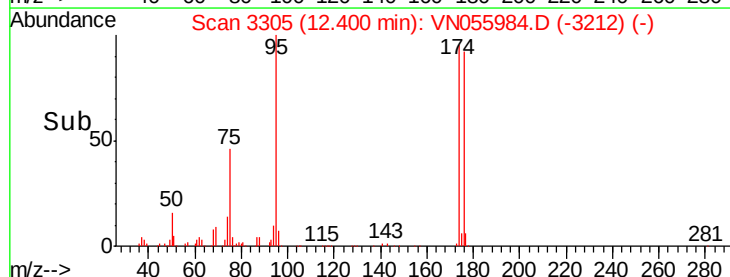
100000

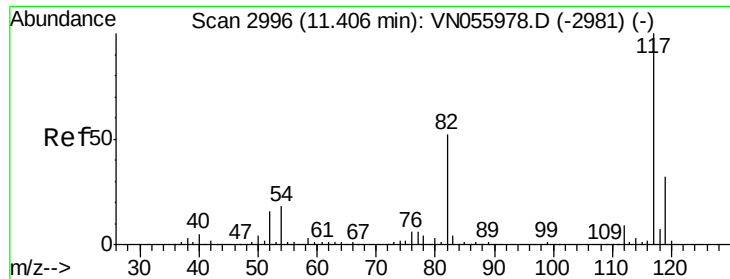
50000

0

Time-->

12.35 12.40 12.45

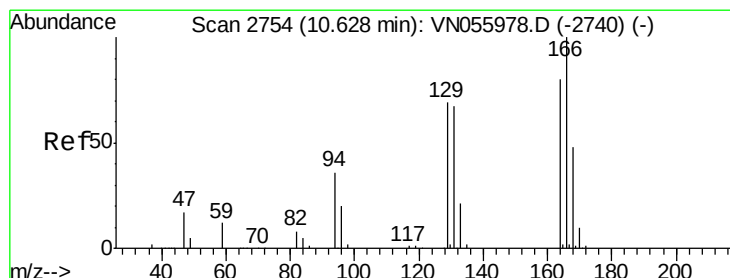
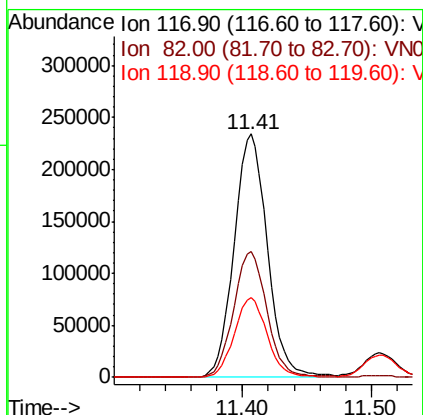
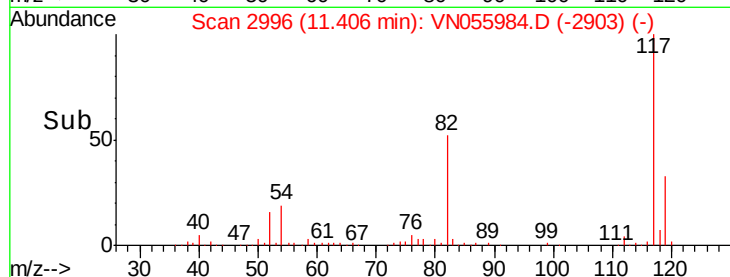
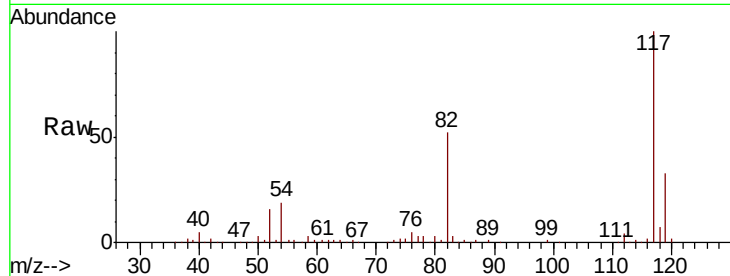




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

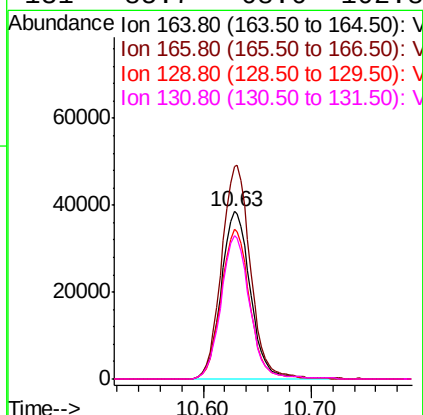
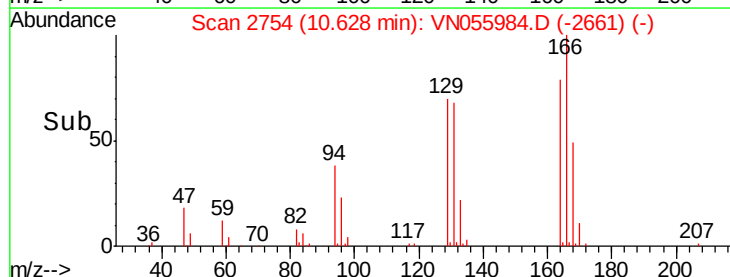
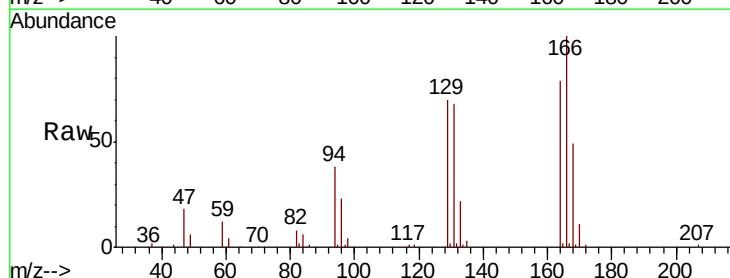
Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

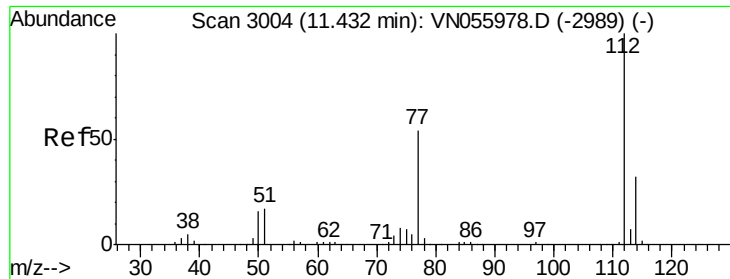
Tot Ion:117 Resp: 420651
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 19.976 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion:164 Resp: 72736
Ion Ratio Lower Upper
164 100
166 126.8 103.0 154.6
129 89.2 70.6 105.8
131 85.7 68.6 102.8

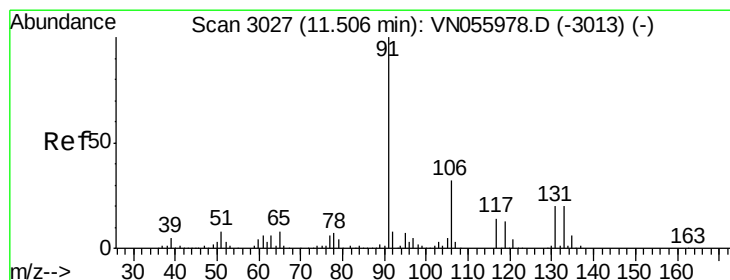
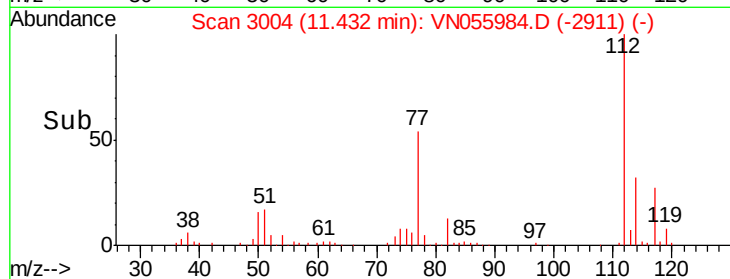
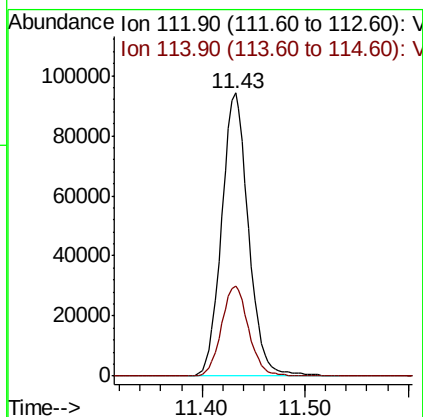
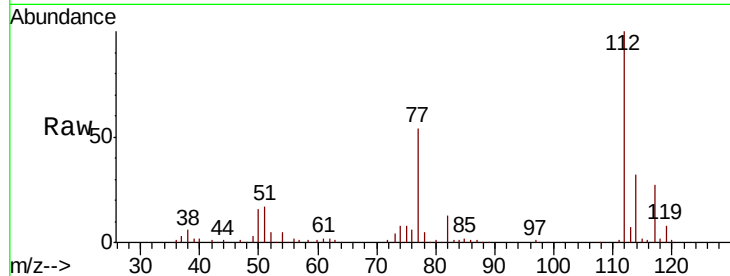




#65
Chlorobenzene
Concen: 20.443 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

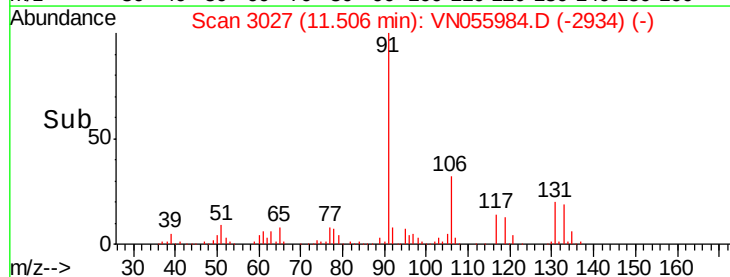
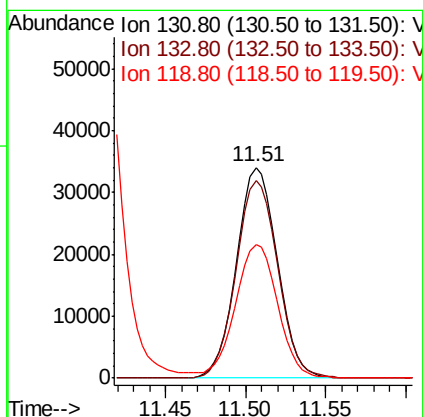
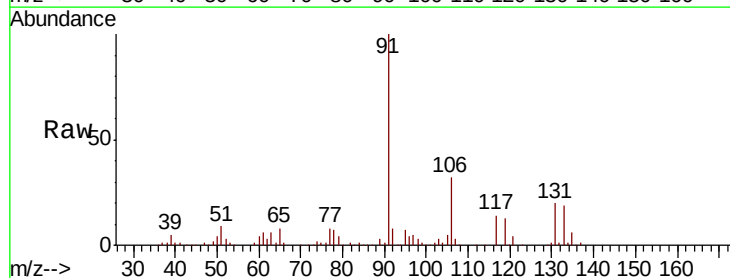
Instrument :
MSVOA_N
ClientSampled :
VN0604MBS01

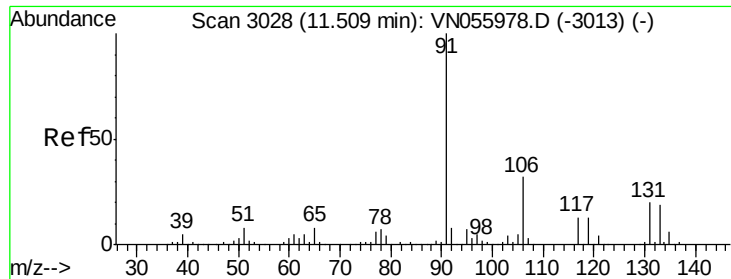
Tot Ion:112 Resp: 171147
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.501 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion:131 Resp: 59261
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 65.9 33.1 99.5

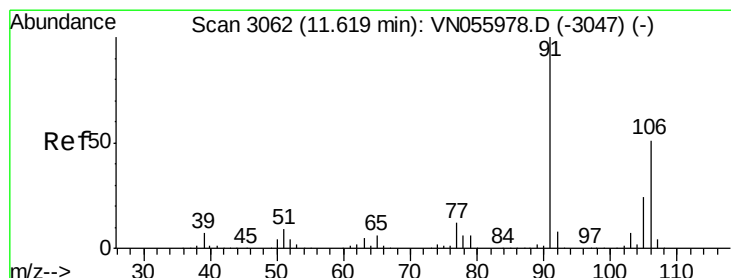
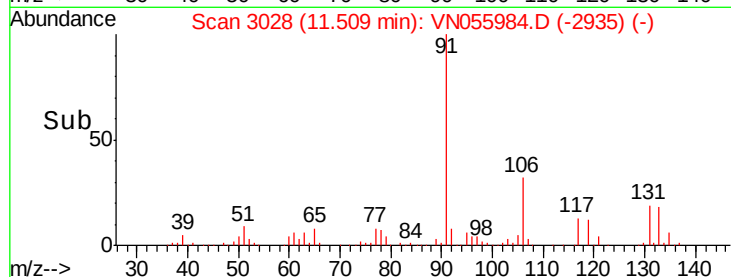
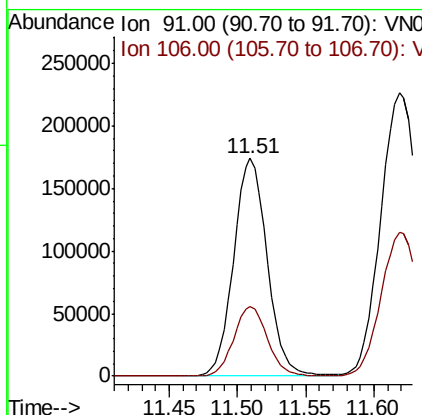
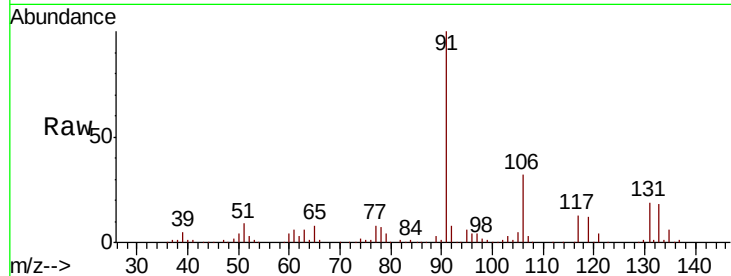




#67
Ethyl Benzene
Concen: 20.462 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

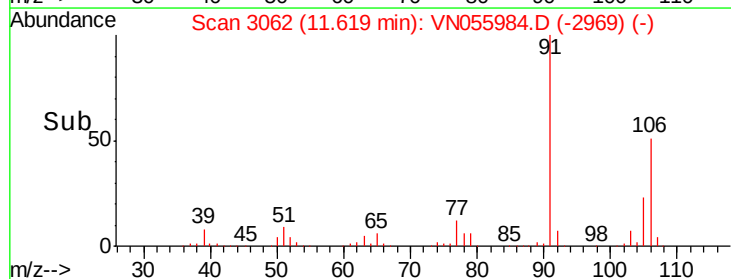
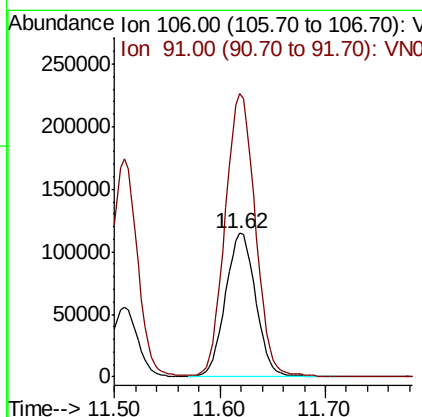
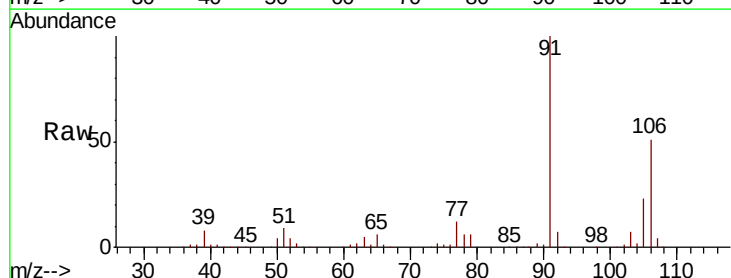
Instrument :
MSVOA_N
ClientSampled :
VN0604MBS01

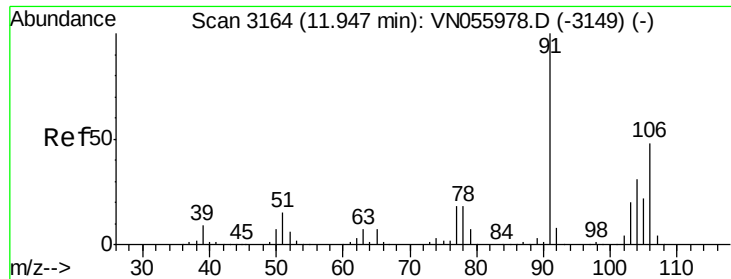
Tot Ion: 91 Resp: 297869
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7



#68
m/p-Xylenes
Concen: 41.061 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion: 106 Resp: 228339
Ion Ratio Lower Upper
106 100
91 197.0 159.3 238.9

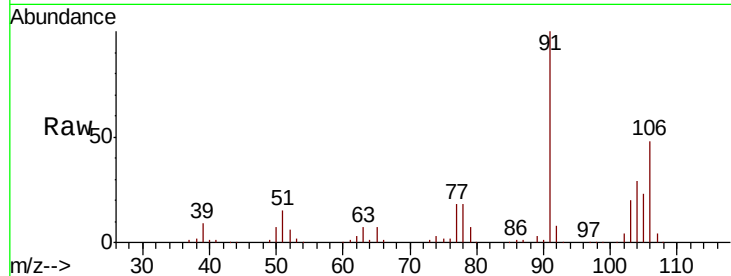




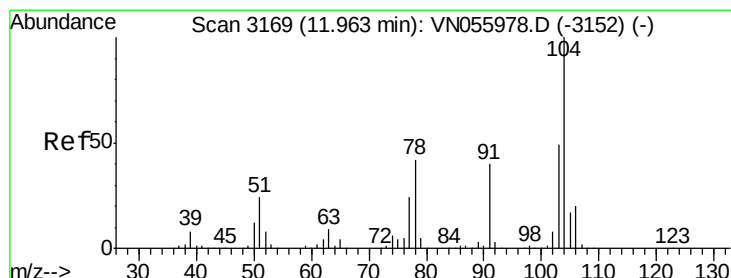
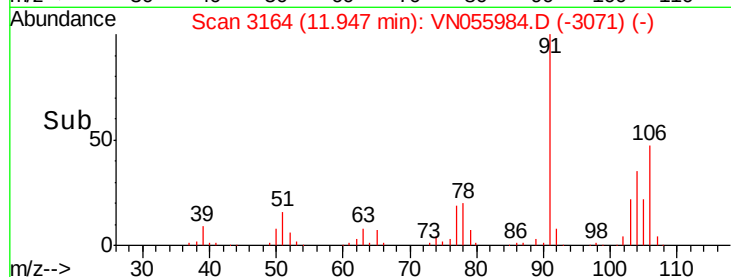
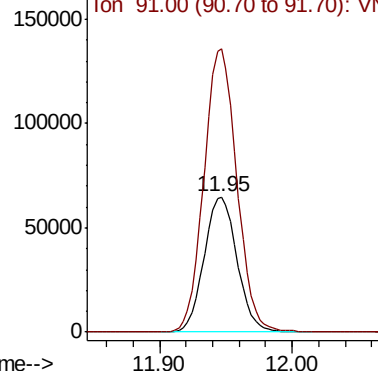
#69
o-Xylene
Concen: 20.469 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Instrument :
MSVOA_N
ClientSampled :
VN0604MBS01

Tot Ion:106 Resp: 111969
Ion Ratio Lower Upper
106 100
91 208.9 104.7 314.1

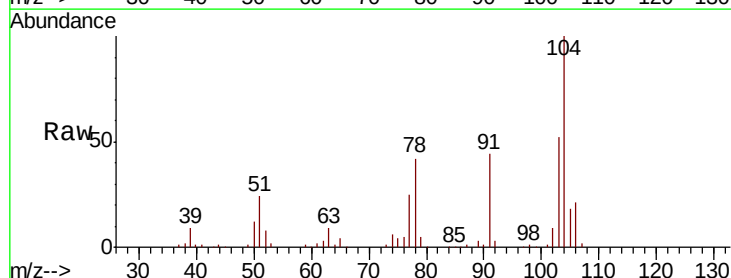


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

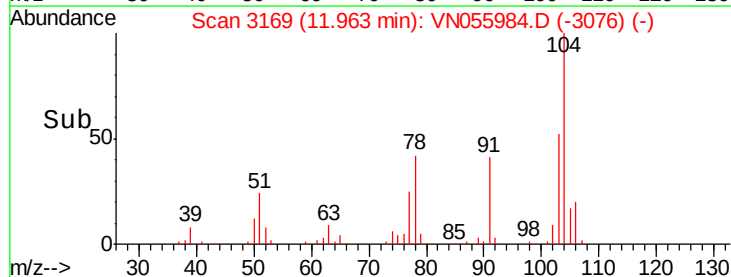
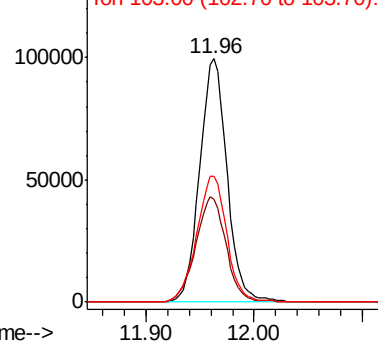


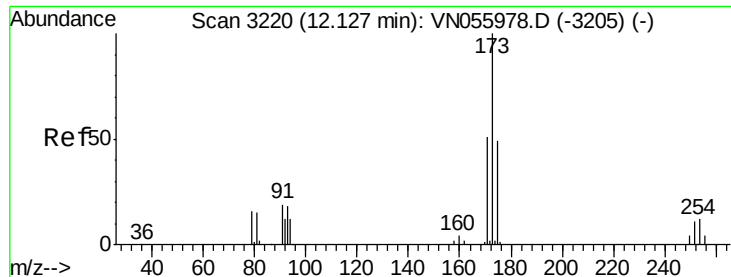
#70
Styrene
Concen: 20.320 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion:104 Resp: 176607
Ion Ratio Lower Upper
104 100
78 47.8 37.8 56.6
103 56.7 44.2 66.2



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





#71

Bromoform

Concen: 18.653 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

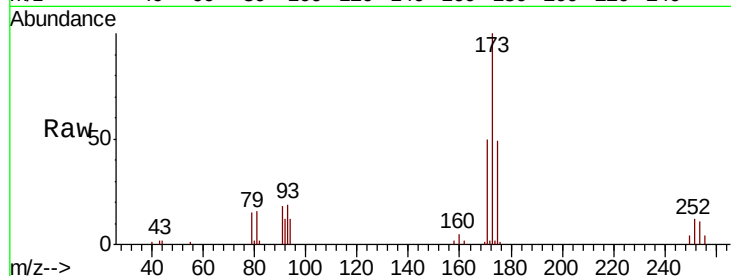
Tot Ion:173 Resp: 40854

Ion Ratio Lower Upper

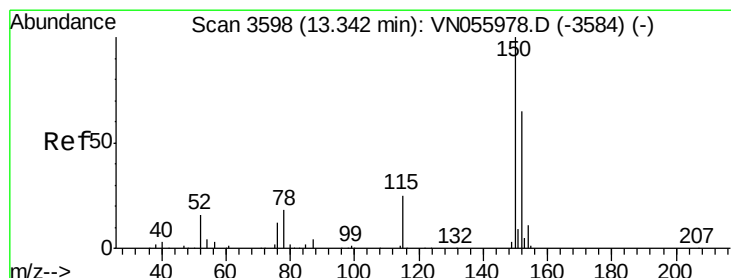
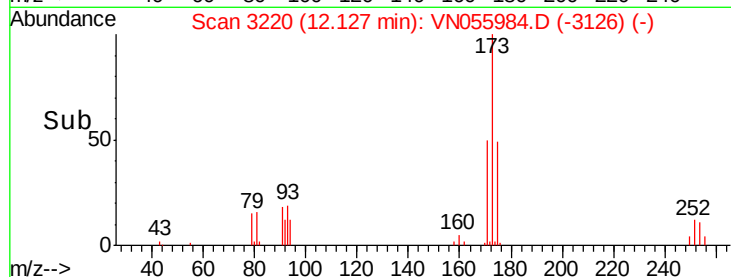
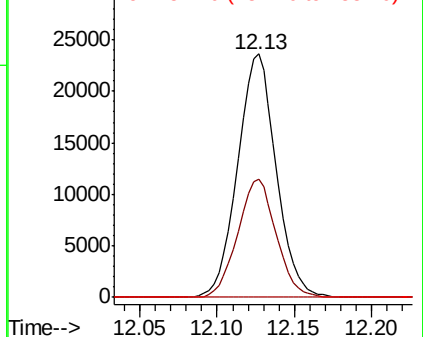
173 100

175 48.5 24.3 72.8

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: VN055984.D

Acq: 4 Jun 2019 12:19

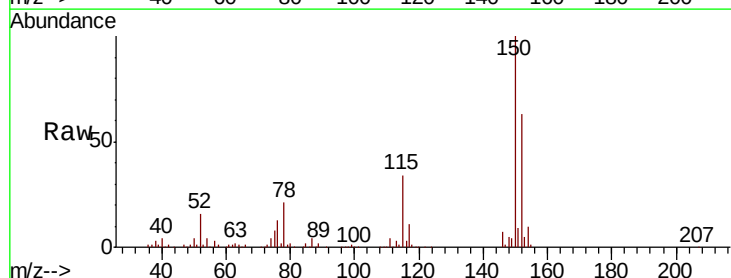
Tgt Ion:152 Resp: 174257

Ion Ratio Lower Upper

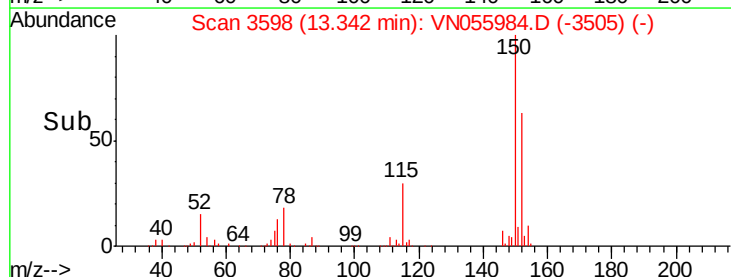
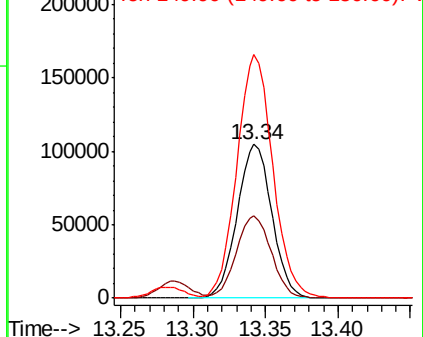
152 100

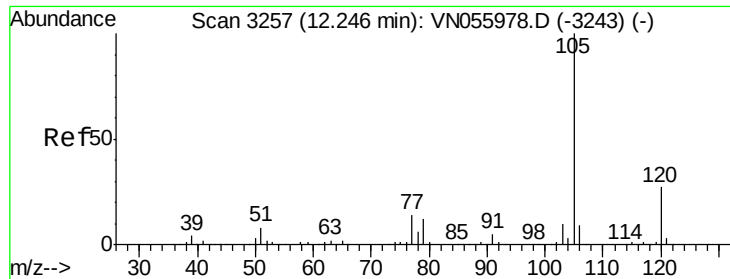
115 54.0 27.0 81.0

150 163.8 0.0 343.2



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: 22.601 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

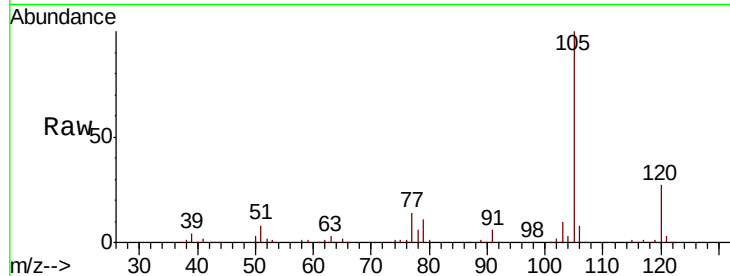
VN0604MBS01

Tot Ion:105 Resp: 297196

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

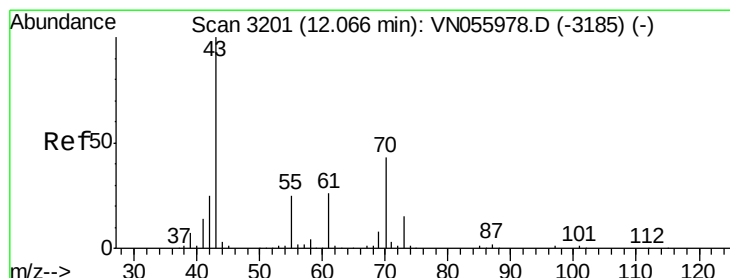
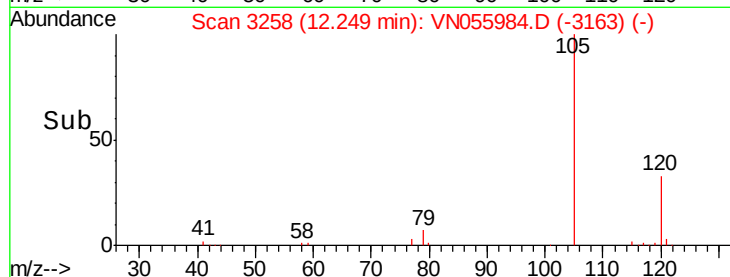
100000

50000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 21.507 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Tgt Ion: 43 Resp: 99900

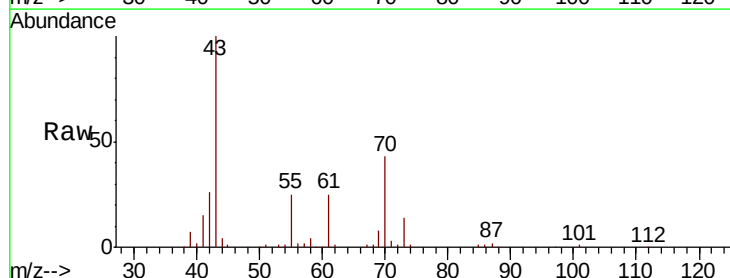
Ion Ratio Lower Upper

43 100

70 43.0 34.0 51.0

55 24.8 18.6 28.0

61 24.8 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

100000

80000

60000

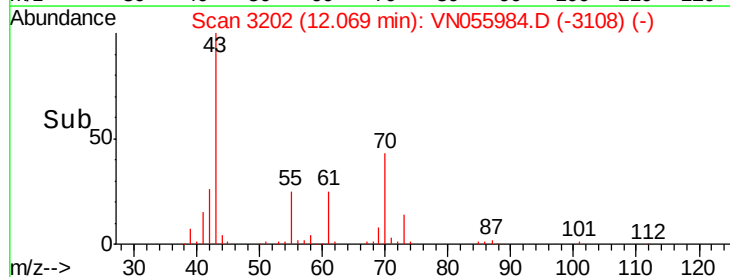
40000

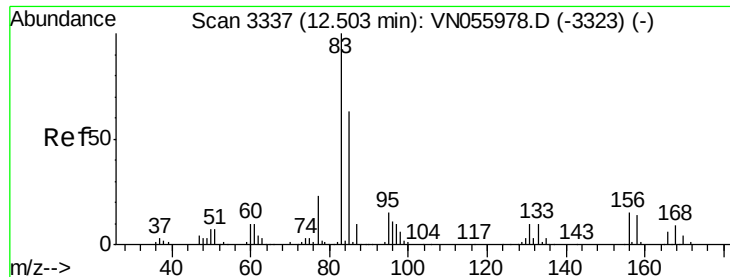
20000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.616 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

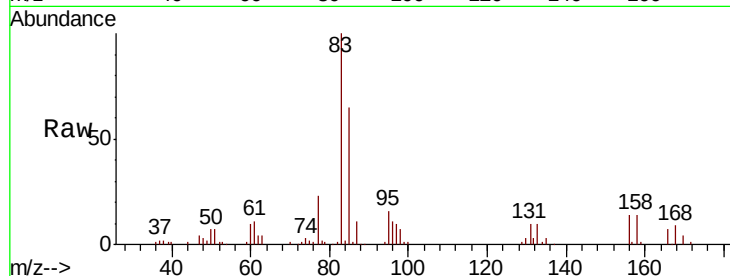
Tot Ion: 83 Resp: 87443

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

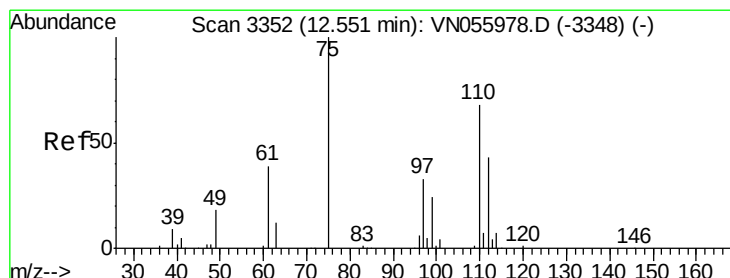
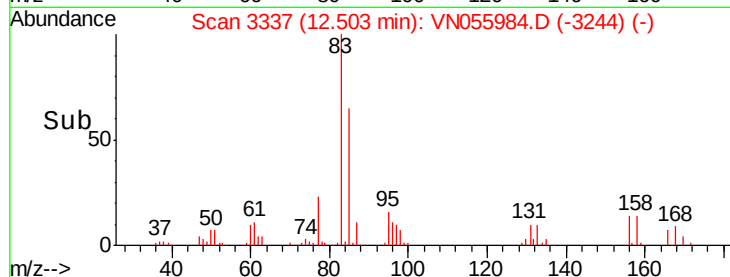
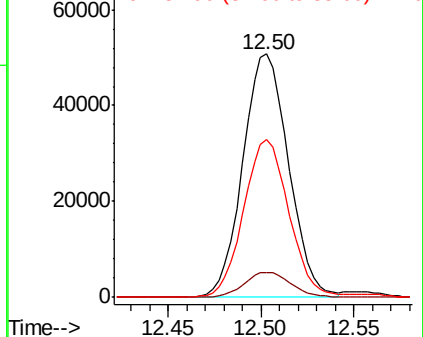
85 65.1 32.4 97.0



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: 31.075 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055984.D

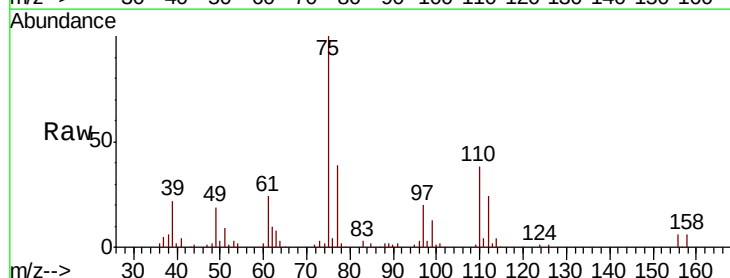
Acq: 4 Jun 2019 12:19

Tgt Ion: 75 Resp: 99640

Ion Ratio Lower Upper

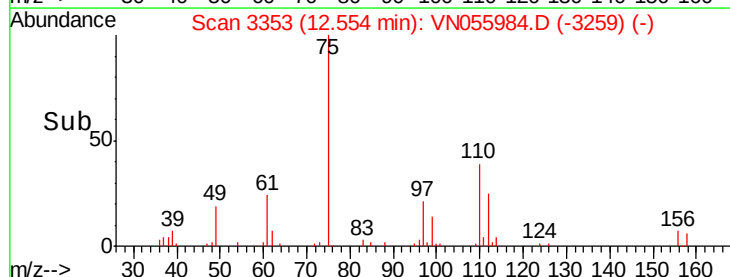
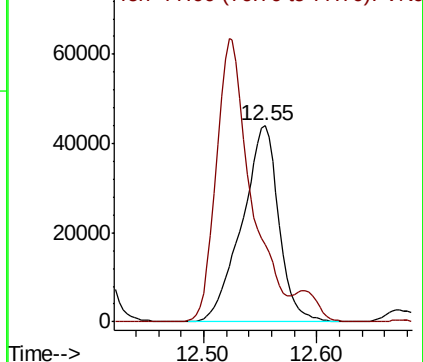
75 100

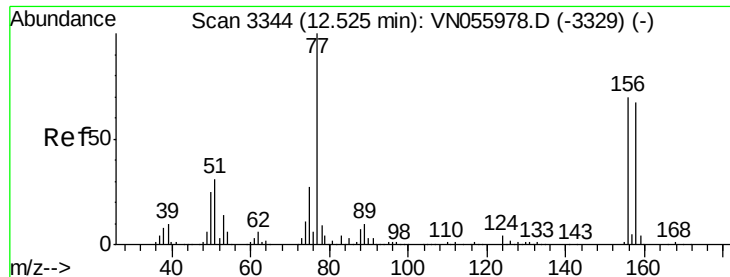
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.436 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampled :

VN0604MBS01

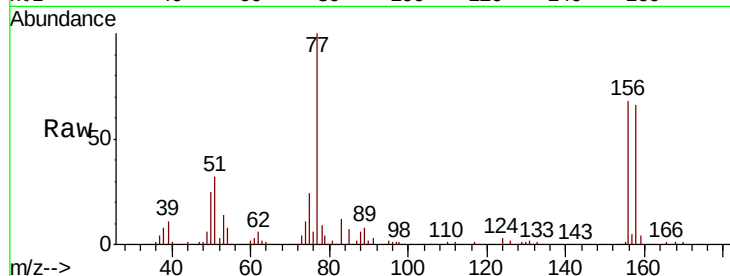
Tot Ion:156 Resp: 76244

Ion Ratio Lower Upper

156 100

77 176.7 90.8 272.5

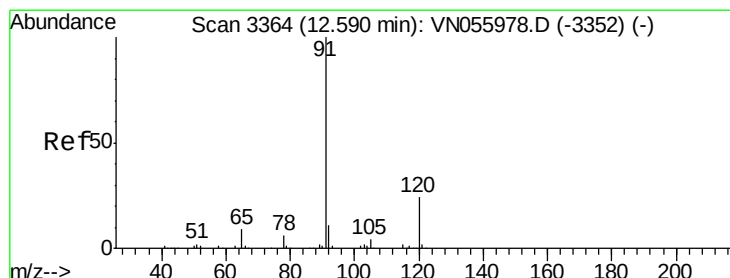
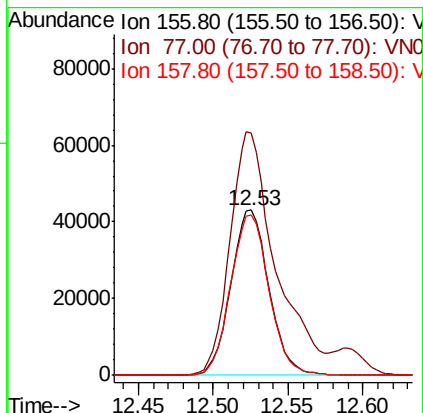
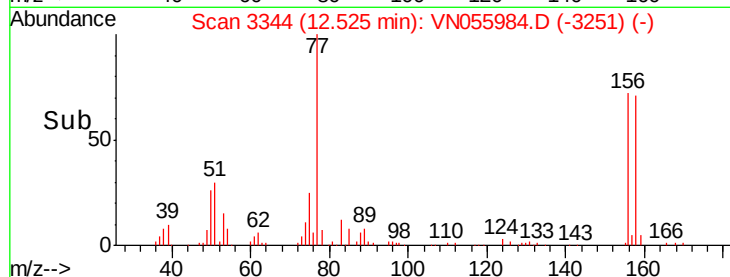
158 98.0 49.3 147.8



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: 20.828 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055984.D

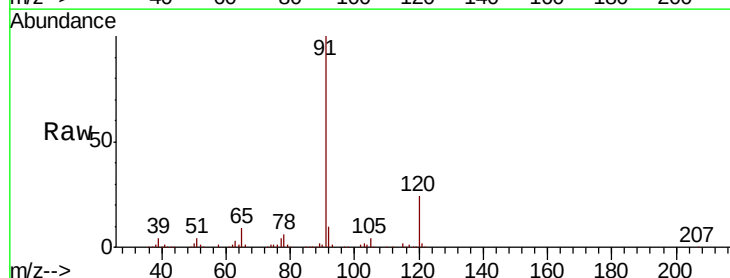
Acq: 4 Jun 2019 12:19

Tgt Ion: 91 Resp: 307042

Ion Ratio Lower Upper

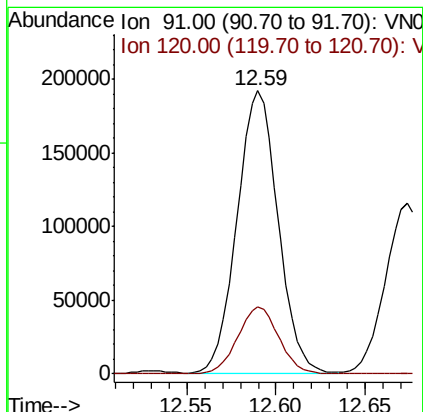
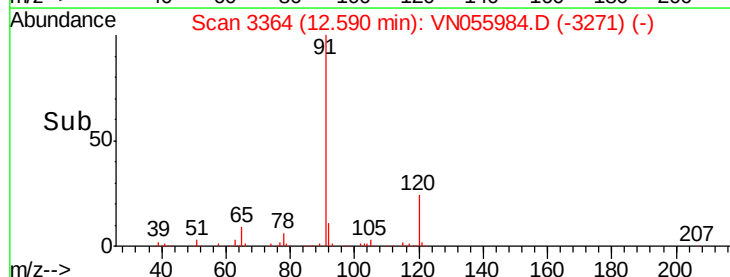
91 100

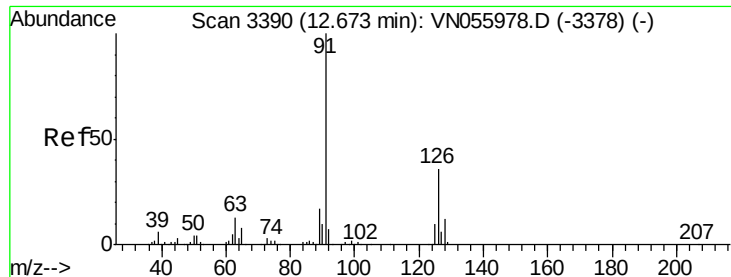
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.251 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

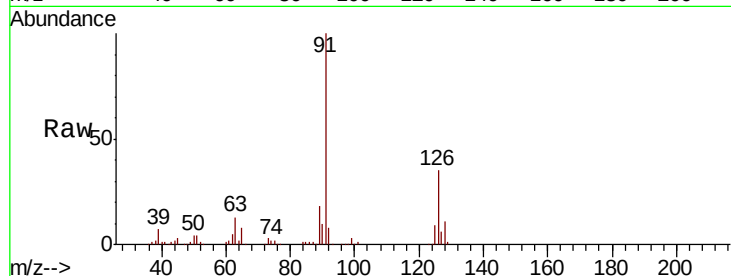
VN0604MBS01

Tot Ion: 91 Resp: 192483

Ion Ratio Lower Upper

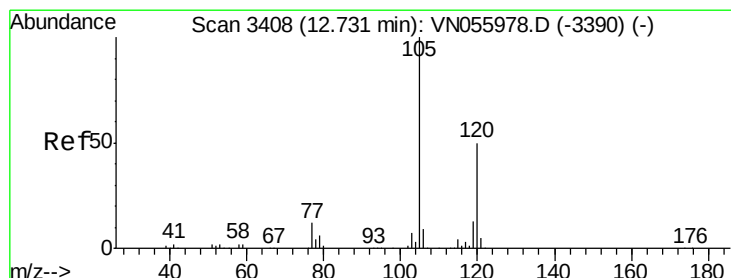
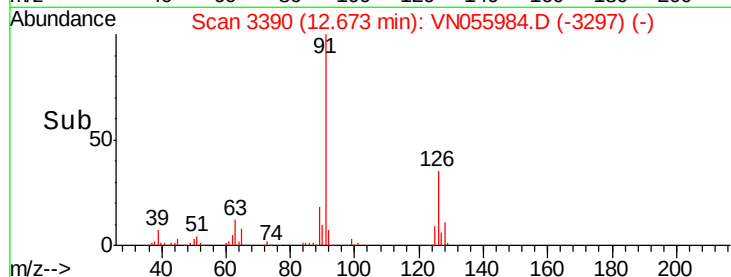
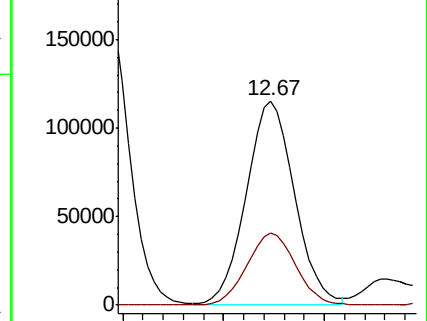
91 100

126 35.9 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.754 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055984.D

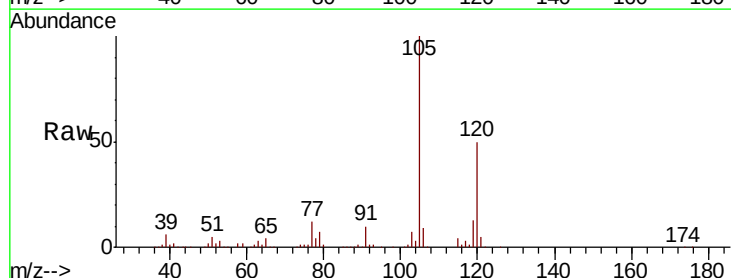
Acq: 4 Jun 2019 12:19

Tgt Ion:105 Resp: 243158

Ion Ratio Lower Upper

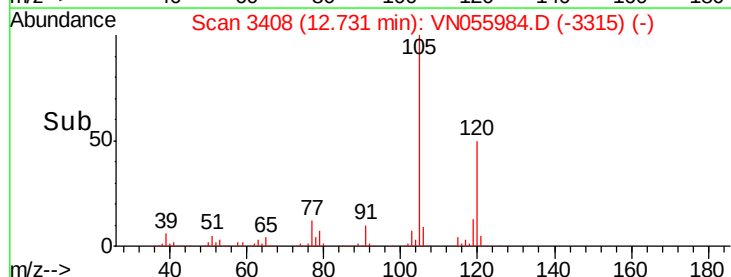
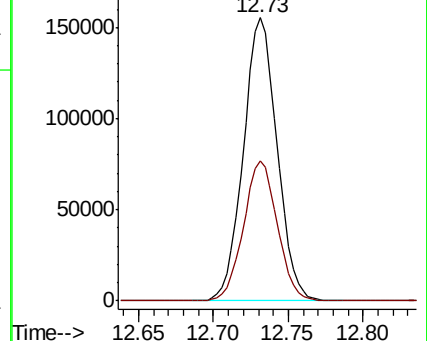
105 100

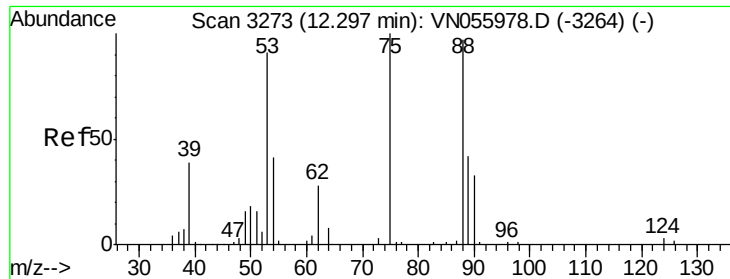
120 49.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.688 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

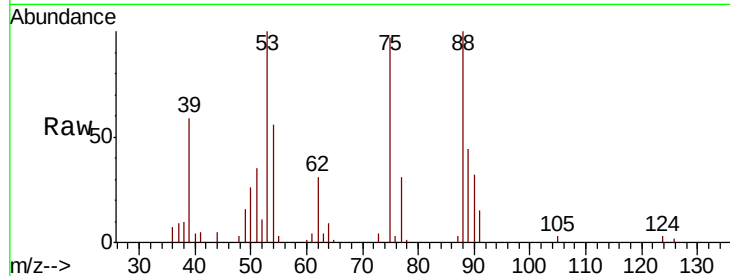
Tot Ion: 75 Resp: 18956

Ion Ratio Lower Upper

75 100

53 104.9 68.1 102.1#

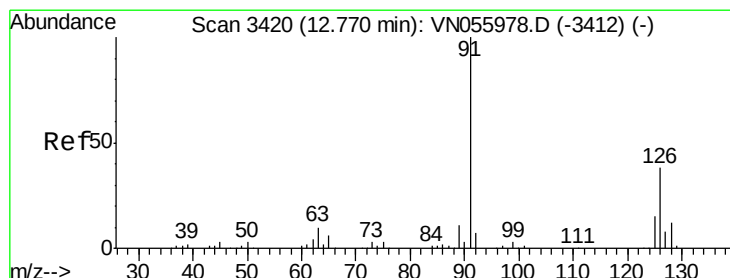
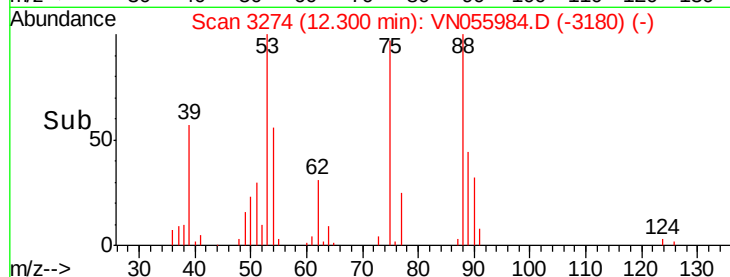
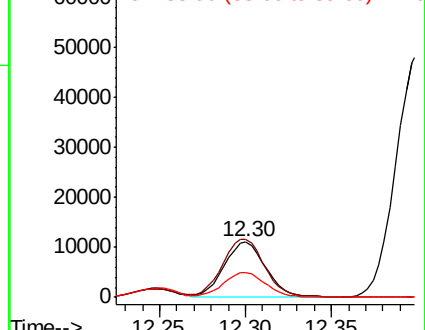
89 44.9 36.9 55.3



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: 20.615 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055984.D

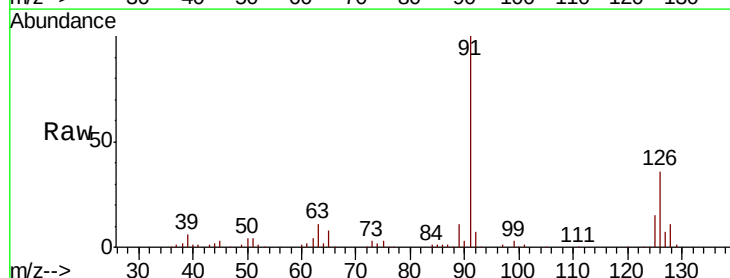
Acq: 4 Jun 2019 12:19

Tgt Ion: 91 Resp: 177799

Ion Ratio Lower Upper

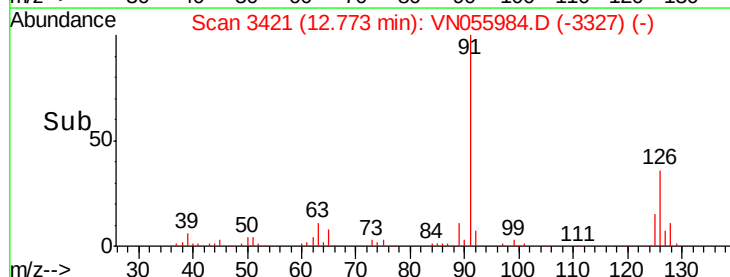
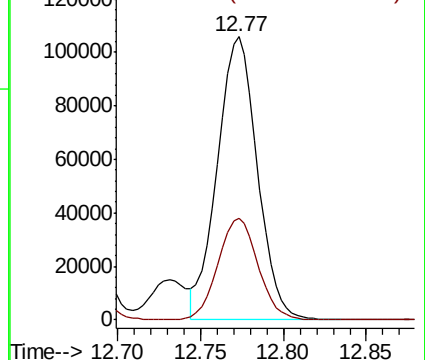
91 100

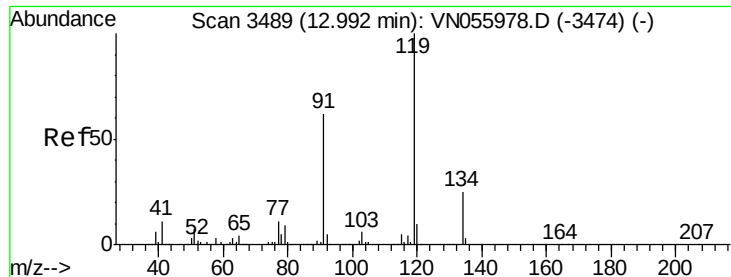
126 36.0 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

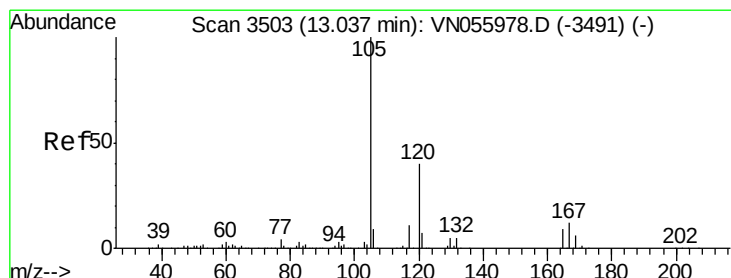
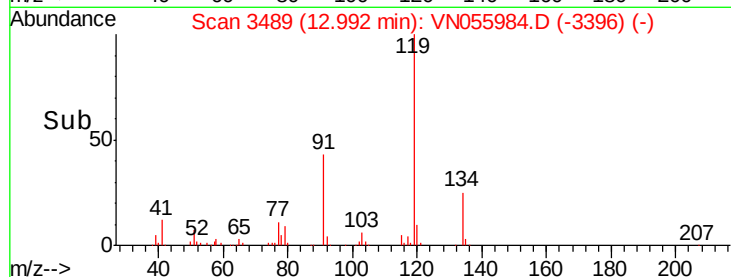
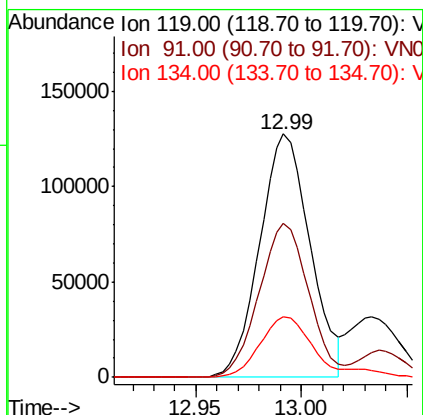
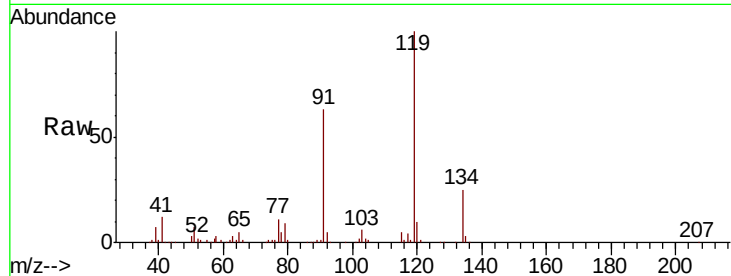




#83
 tert-Butylbenzene
 Concen: 21.830 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

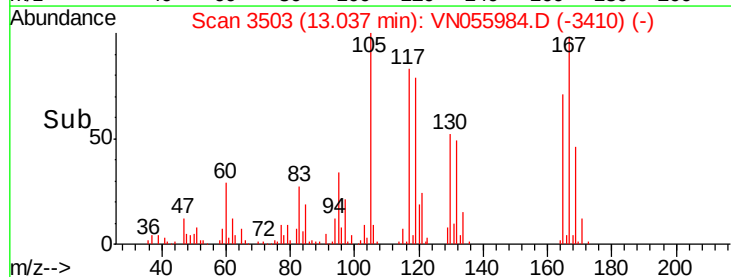
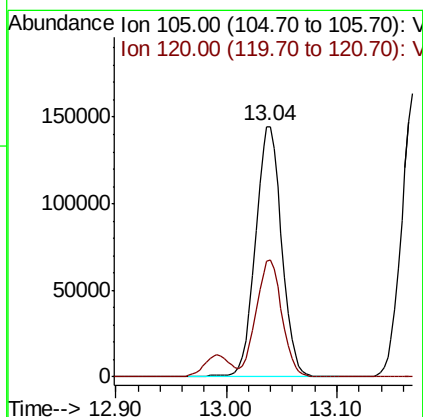
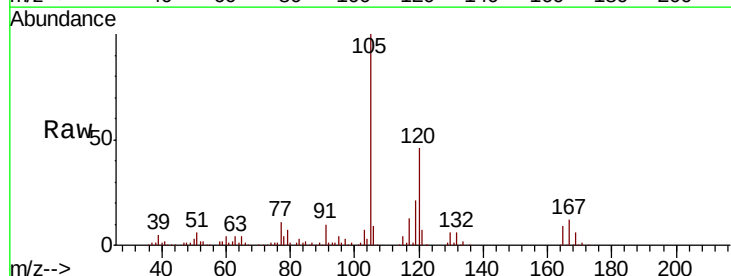
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

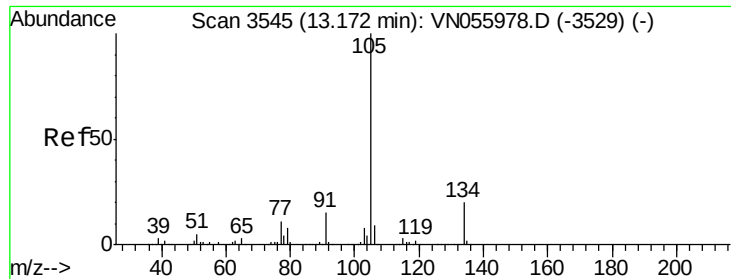
Tot Ion:119 Resp: 212422
 Ion Ratio Lower Upper
 119 100
 91 62.5 30.9 92.8
 134 25.2 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.340 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

Tgt Ion:105 Resp: 237101
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.691 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

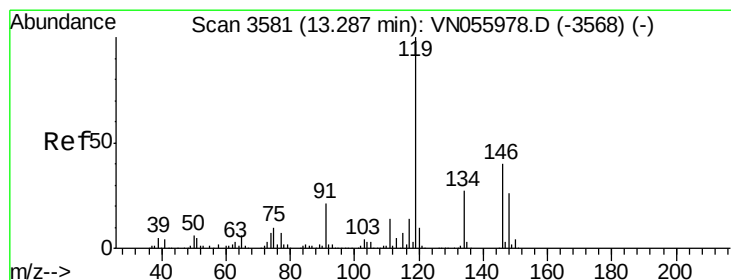
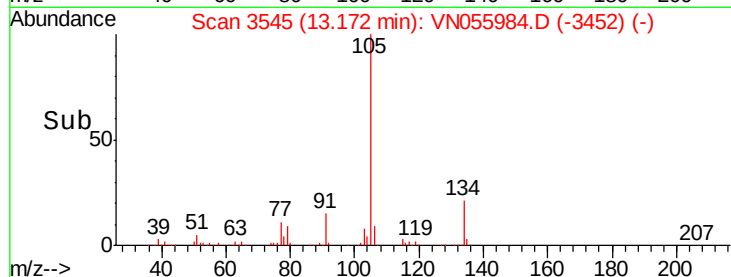
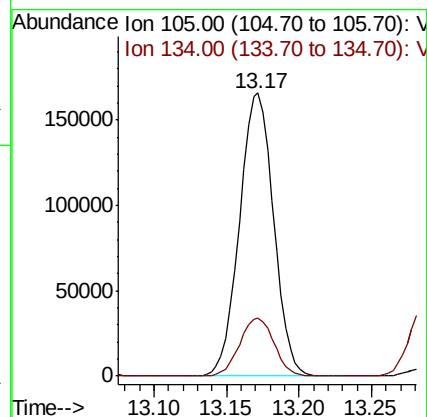
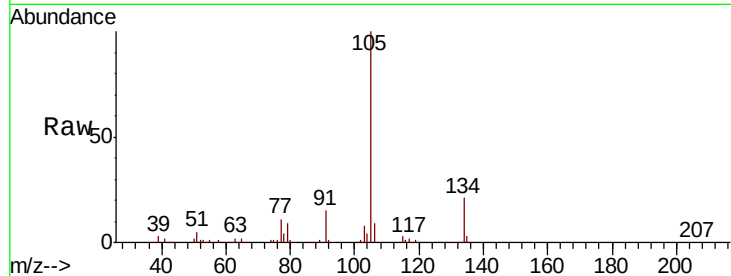
VN0604MBS01

Tot Ion:105 Resp: 270127

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



#86

p-Isopropyltoluene

Concen: 20.835 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

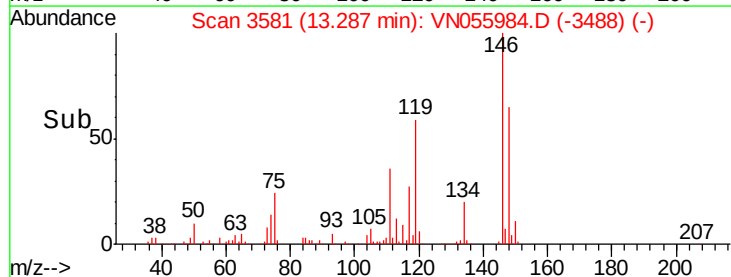
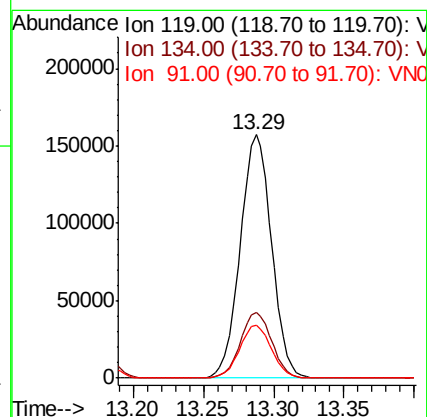
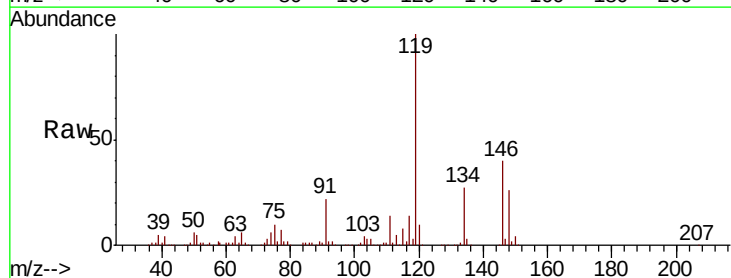
Tgt Ion:119 Resp: 243437

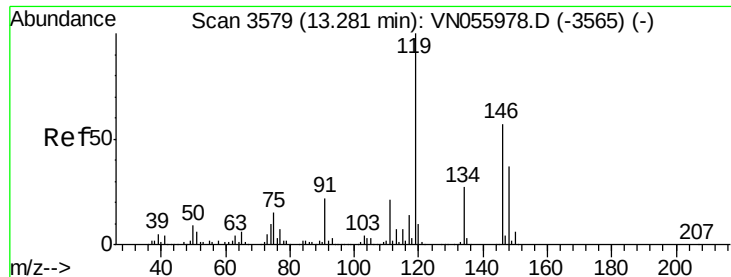
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 22.1 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 20.699 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0604MBS01

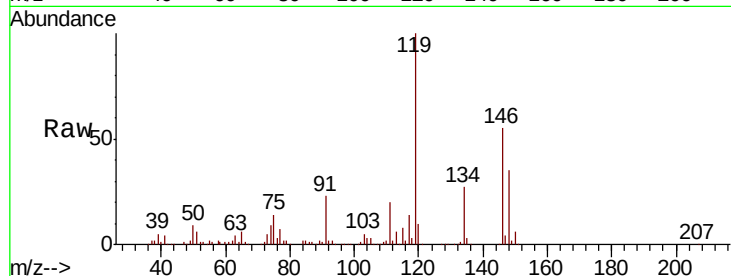
Tot Ion:146 Resp: 119521

Ion Ratio Lower Upper

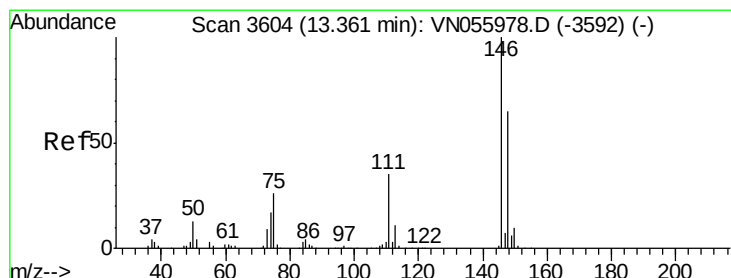
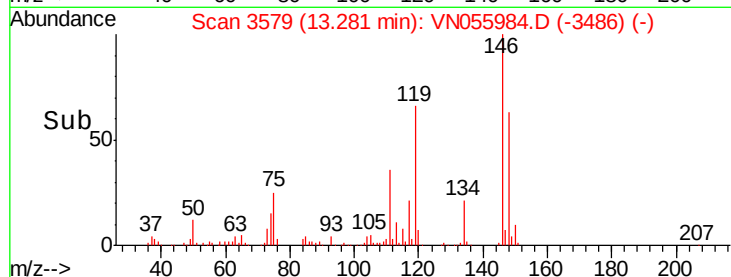
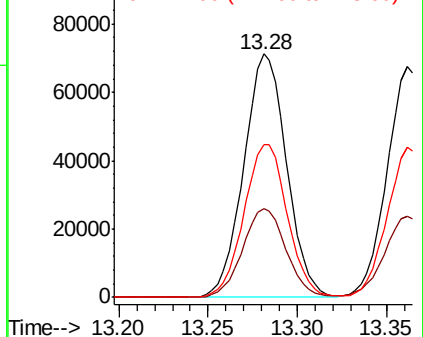
146 100

111 36.8 18.5 55.5

148 63.5 32.0 96.2



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



#88

1,4-Dichlorobenzene

Concen: 20.204 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055984.D

Acq: 4 Jun 2019 12:19

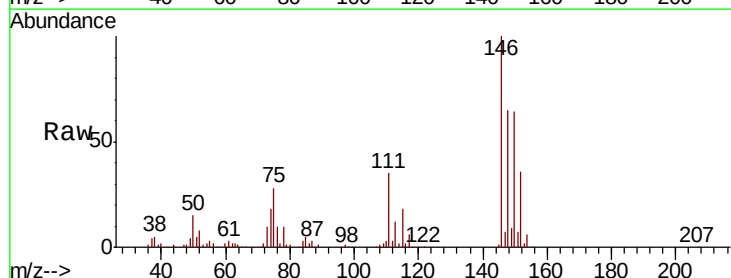
Tgt Ion:146 Resp: 112221

Ion Ratio Lower Upper

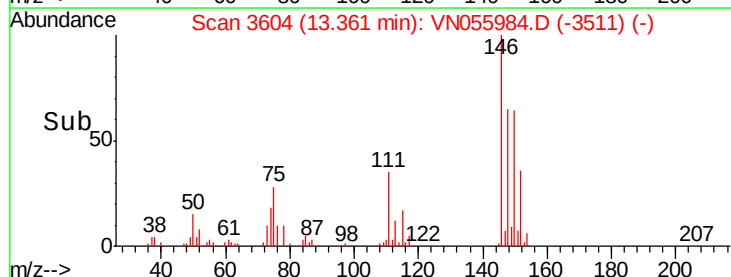
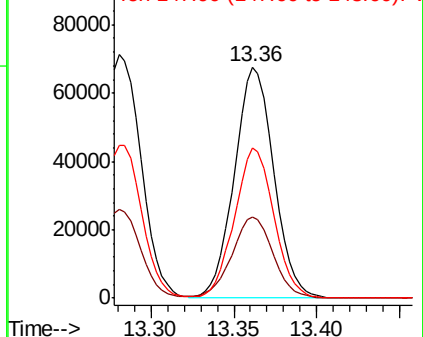
146 100

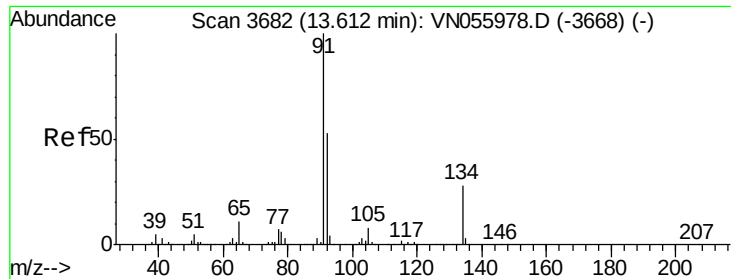
111 36.6 18.1 54.4

148 64.8 32.1 96.5



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

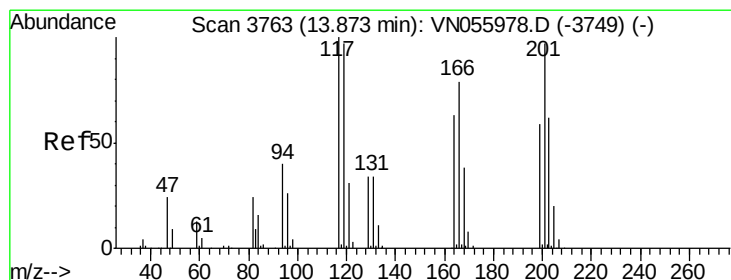
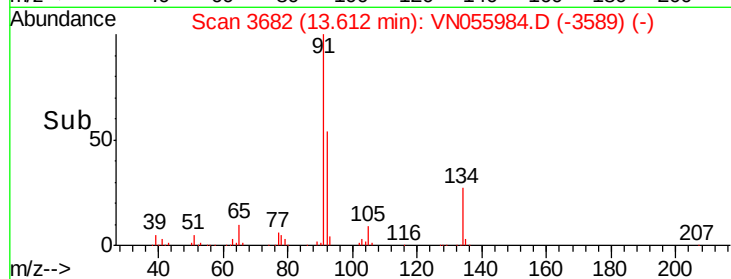
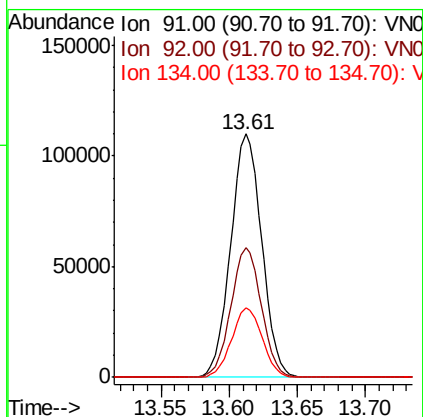
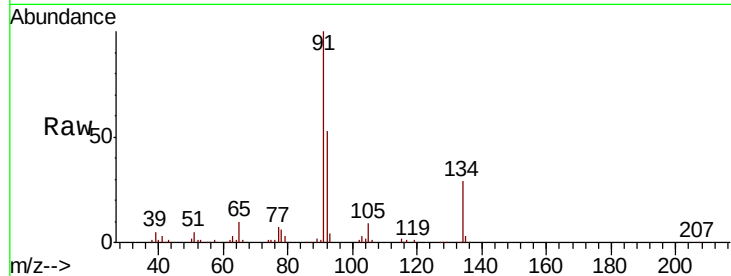




#89
n-Butylbenzene
Concen: 20.083 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

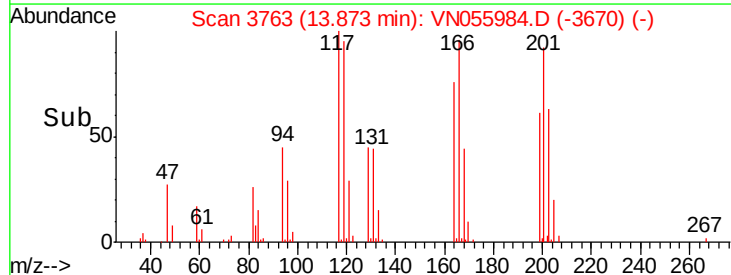
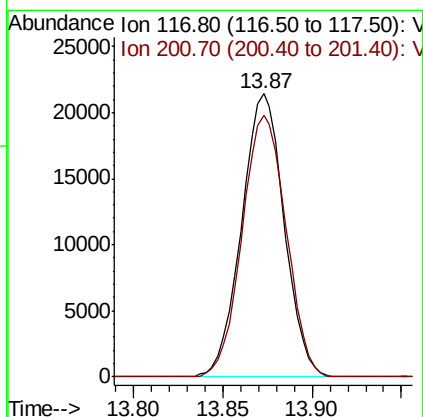
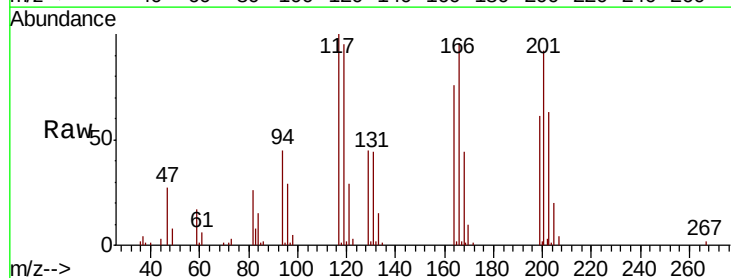
Instrument :
MSVOA_N
ClientSampled :
VN0604MBS01

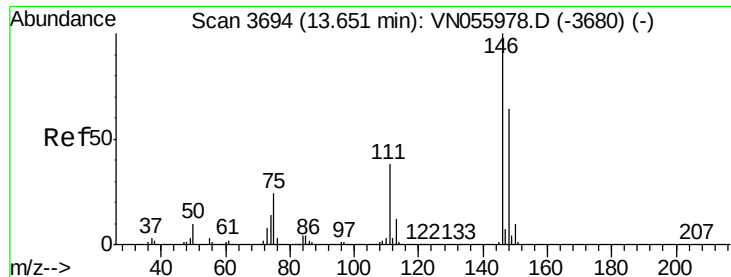
Tot Ion: 91 Resp: 173823
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 28.2 13.9 41.7



#90
Hexachloroethane
Concen: 20.221 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion: 117 Resp: 35630
Ion Ratio Lower Upper
117 100
201 95.3 50.0 150.0

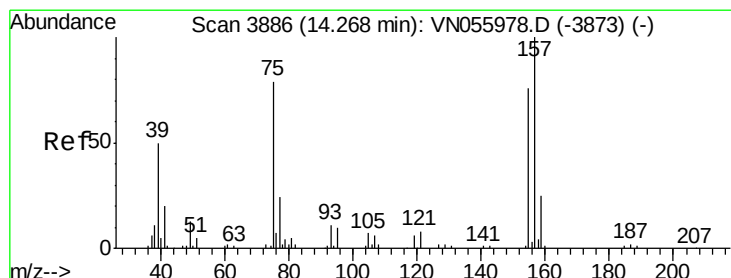
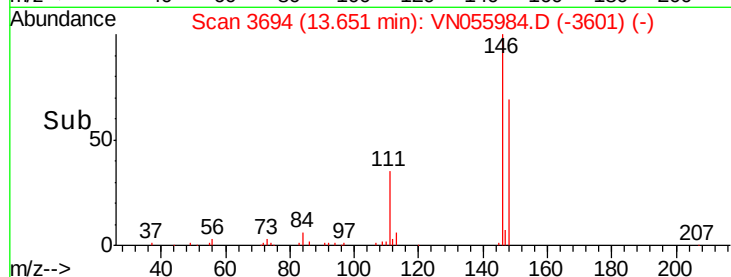
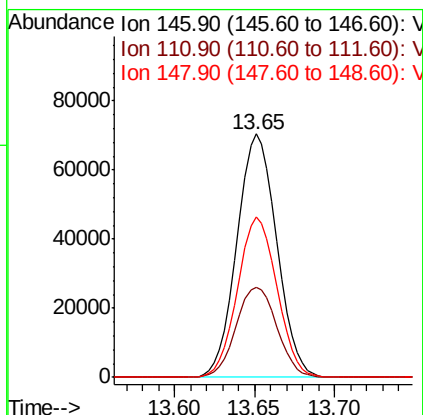
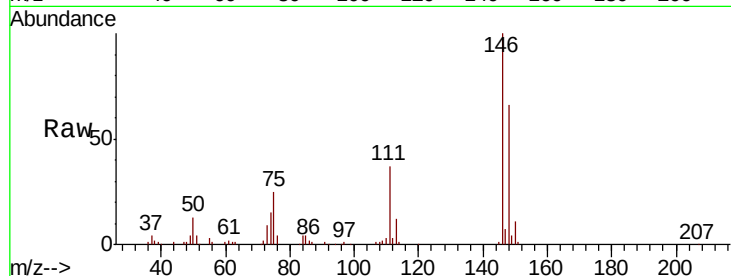




#91
 1,2-Dichlorobenzene
 Concen: 20.492 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

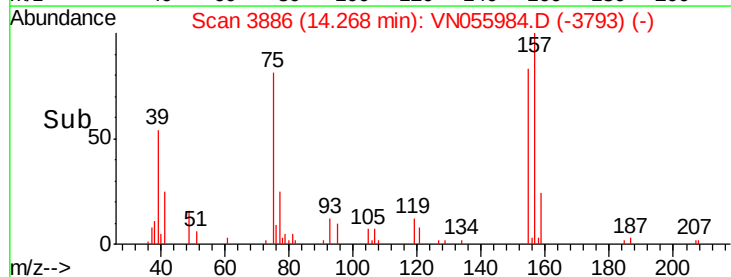
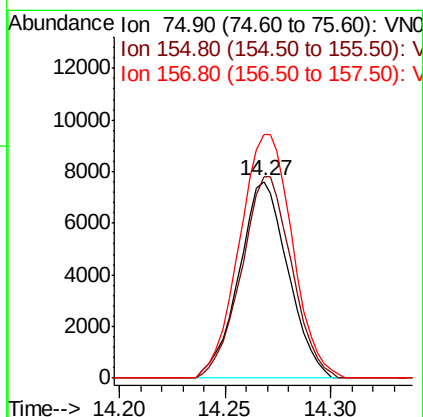
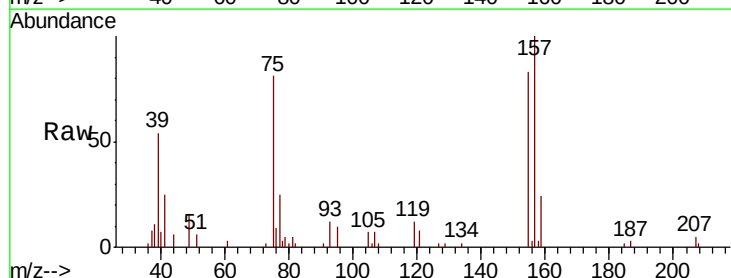
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

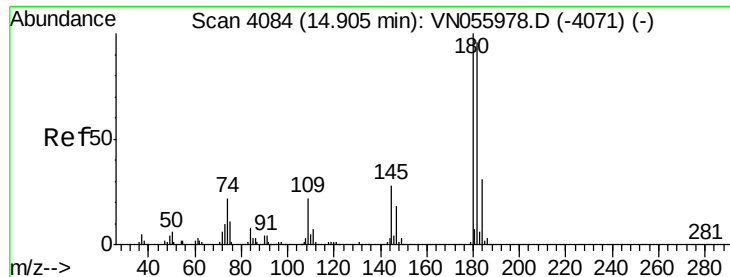
Tot Ion:146 Resp: 119464
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.5
 148 65.2 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.220 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

Tgt Ion: 75 Resp: 12278
 Ion Ratio Lower Upper
 75 100
 155 105.4 50.0 150.1
 157 134.0 64.8 194.3

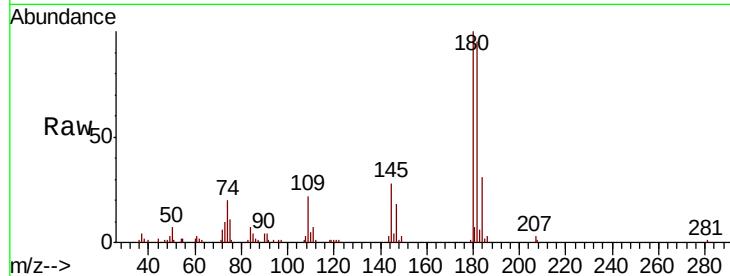




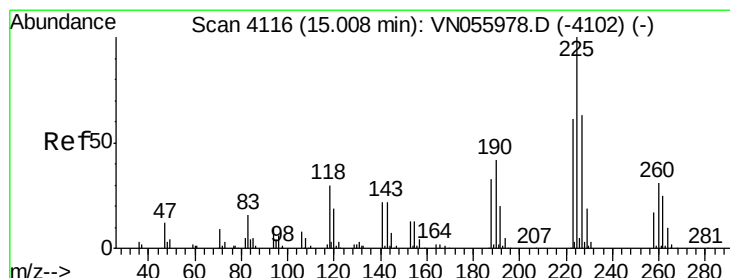
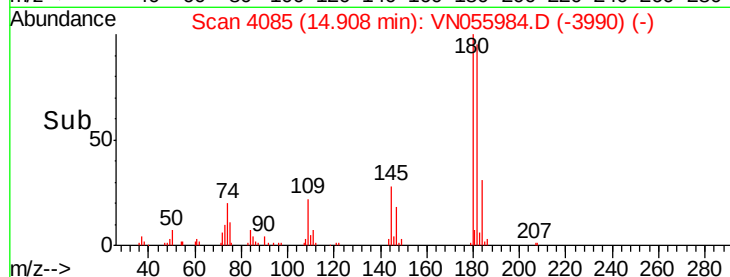
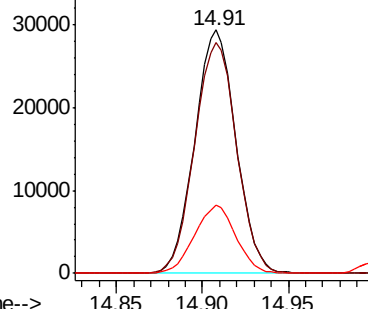
#93
 1,2,4-Trichlorobenzene
 Concen: 18.159 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0604MBS01

Tot Ion:180 Resp: 48785
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.3 144.9
 145 28.0 14.0 41.9

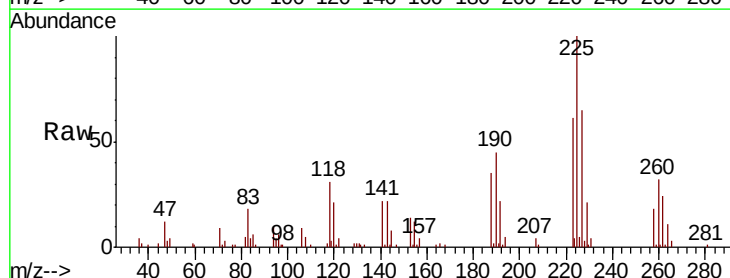


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

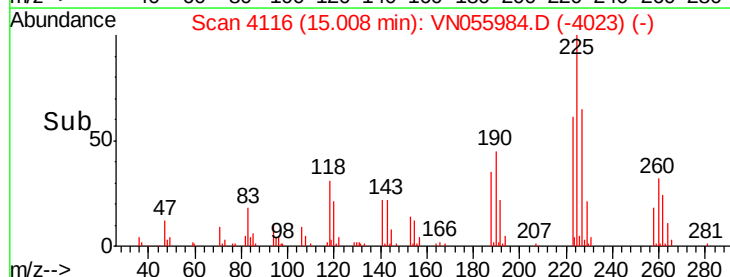
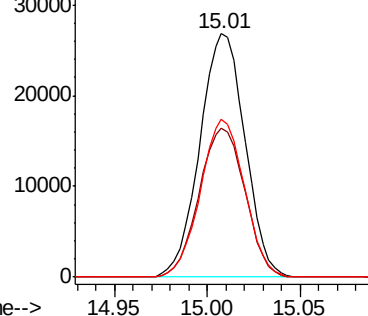


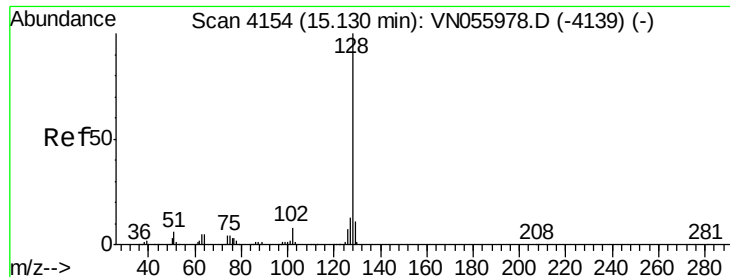
#94
 Hexachlorobutadiene
 Concen: 21.485 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055984.D
 Acq: 4 Jun 2019 12:19

Tgt Ion:225 Resp: 45337
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.9 92.7
 227 63.3 31.6 94.7



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

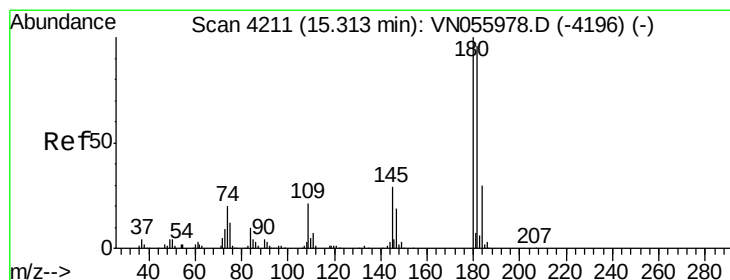
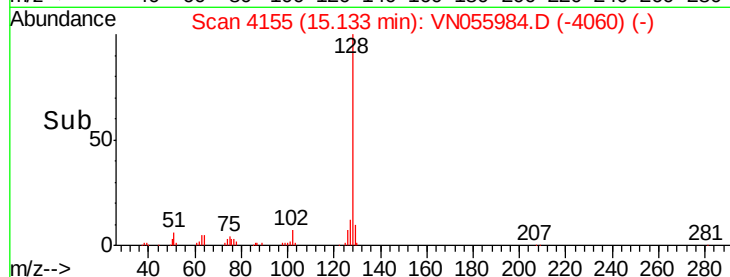
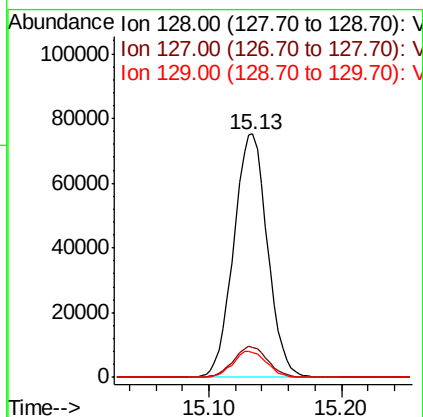
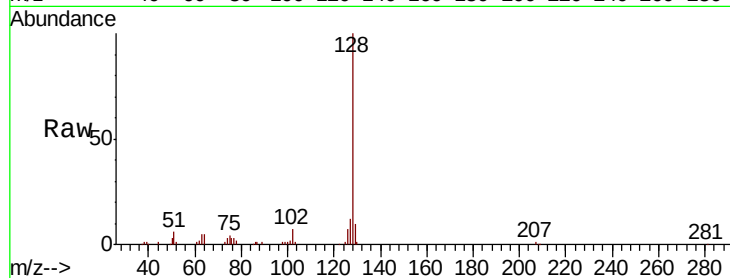




#95
Naphthalene
Concen: 18.560 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0604MBS01

Tot Ion:128 Resp: 132823
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.099 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055984.D
Acq: 4 Jun 2019 12:19

Tgt Ion:180 Resp: 56001
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.7
145 29.0 14.9 44.7

