

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055700.D
 Acq On : 21 May 2019 11:30
 Operator : JC/SP
 Sample : VN0521MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 22 05:09:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	302101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	444098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	383316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	156649	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
35) Dibromofluoromethane	7.59	113	145020	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	10.09	98	527922	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.40	95	173728	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	49412	21.258	ug/l	96
3) Chloromethane	2.06	50	64263	20.728	ug/l	97
4) Vinyl Chloride	2.18	62	71011	21.152	ug/l	99
5) Bromomethane	2.54	94	48389	22.617	ug/l	96
6) Chloroethane	2.70	64	41740	22.392	ug/l	100
7) Trichlorofluoromethane	3.02	101	97507	22.665	ug/l	98
8) Diethyl Ether	3.41	74	39578	22.901	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	60908	23.223	ug/l	98
10) Methyl Iodide	3.95	142	81960	21.676	ug/l	97
11) Tert butyl alcohol	4.77	59	70139	113.574	ug/l	98
12) 1,1-Dichloroethene	3.74	96	59835	21.688	ug/l	96
13) Acrolein	3.61	56	26324	84.472	ug/l	96
14) Allyl chloride	4.32	41	97526	21.896	ug/l	100
15) Acrylonitrile	4.99	53	157800	114.850	ug/l	98
16) Acetone	3.81	43	147120	108.860	ug/l	98
17) Carbon Disulfide	4.06	76	153431	20.005	ug/l	99
18) Methyl Acetate	4.32	43	68006	23.472	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	205836	22.552	ug/l	98
20) Methylene Chloride	4.55	84	68417	22.183	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	63639	21.653	ug/l	94
22) Diisopropyl ether	5.95	45	192657	21.829	ug/l	98
23) Vinyl Acetate	5.89	43	820527	109.567	ug/l	99
24) 1,1-Dichloroethane	5.85	63	116078	22.431	ug/l	100
25) 2-Butanone	6.83	43	209141	110.678	ug/l	99
26) 2,2-Dichloropropane	6.82	77	101186	22.031	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	76790	22.437	ug/l	96
28) Bromochloromethane	7.20	49	40903	18.168	ug/l	93
29) Tetrahydrofuran	7.21	42	134770	107.652	ug/l	98
30) Chloroform	7.37	83	119380	22.473	ug/l	99
31) Cyclohexane	7.65	56	103109	20.994	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	105238	22.088	ug/l	98
36) 1,1-Dichloropropene	7.79	75	86209	21.773	ug/l	99
37) Ethyl Acetate	6.93	43	84682	23.701	ug/l #	92
38) Carbon Tetrachloride	7.77	117	92236	21.800	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	103862	21.760	ug/l	98
40) Benzene	8.04	78	268729	23.075	ug/l	100
41) Methacrylonitrile	7.21	41	121137	79.302	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	88104	23.363	ug/l	98
43) Isopropyl Acetate	8.16	43	140155	22.551	ug/l	100
44) Trichloroethene	8.83	130	76531	23.289	ug/l	97
45) 1,2-Dichloropropane	9.12	63	69919	22.790	ug/l	99
46) Dibromomethane	9.21	93	47182	23.497	ug/l	97
47) Bromodichloromethane	9.40	83	95949	22.799	ug/l	99
48) Methyl methacrylate	9.20	41	60735	21.864	ug/l	93
49) 1,4-Dioxane	9.20	88	28802	521.786	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	408529	112.061	ug/l	99
52) Toluene	10.16	92	167677	22.955	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	100509	22.190	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	112836	22.739	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	69360	23.065	ug/l	99
56) Ethyl methacrylate	10.43	69	104363	22.232	ug/l	97
57) 1,3-Dichloropropane	10.71	76	110581	23.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	163147	81.796	ug/l	97
59) 2-Hexanone	10.75	43	280338	109.221	ug/l	98
60) Dibromochloromethane	10.90	129	79905	23.445	ug/l	100
61) 1,2-Dibromoethane	11.00	107	71183	23.658	ug/l	99
64) Tetrachloroethene	10.63	164	73134	24.190	ug/l	98
65) Chlorobenzene	11.43	112	182117	23.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	74534	23.897	ug/l	99
67) Ethyl Benzene	11.51	91	316393	22.908	ug/l	99
68) m/p-Xylenes	11.62	106	242761	46.544	ug/l	98
69) o-Xylene	11.95	106	120477	23.617	ug/l	98
70) Styrene	11.96	104	196820	23.204	ug/l	98
71) Bromoform	12.13	173	62432	23.620	ug/l #	99
73) Isopropylbenzene	12.25	105	318956	27.604	ug/l	99
74) N-amyl acetate	12.07	43	107975	24.267	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	95389	26.497	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	112984	34.942	ug/l #	100
77) Bromobenzene	12.53	156	83130	25.544	ug/l	93
78) n-propylbenzene	12.59	91	329423	23.410	ug/l	99
79) 2-Chlorotoluene	12.67	91	203914	26.279	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	264639	26.916	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	28192	22.413	ug/l	100
82) 4-Chlorotoluene	12.77	91	189229	22.823	ug/l	97
83) tert-Butylbenzene	12.99	119	236287	28.091	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	261811	26.792	ug/l	100
85) sec-Butylbenzene	13.17	105	294133	26.771	ug/l	100
86) p-Isopropyltoluene	13.29	119	266186	26.154	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	128549	23.890	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	121531	23.655	ug/l	99
89) n-Butylbenzene	13.61	91	196131	22.556	ug/l	99
90) Hexachloroethane	13.87	117	52339	26.770	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	129615	24.165	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16110	22.402	ug/l	89

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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

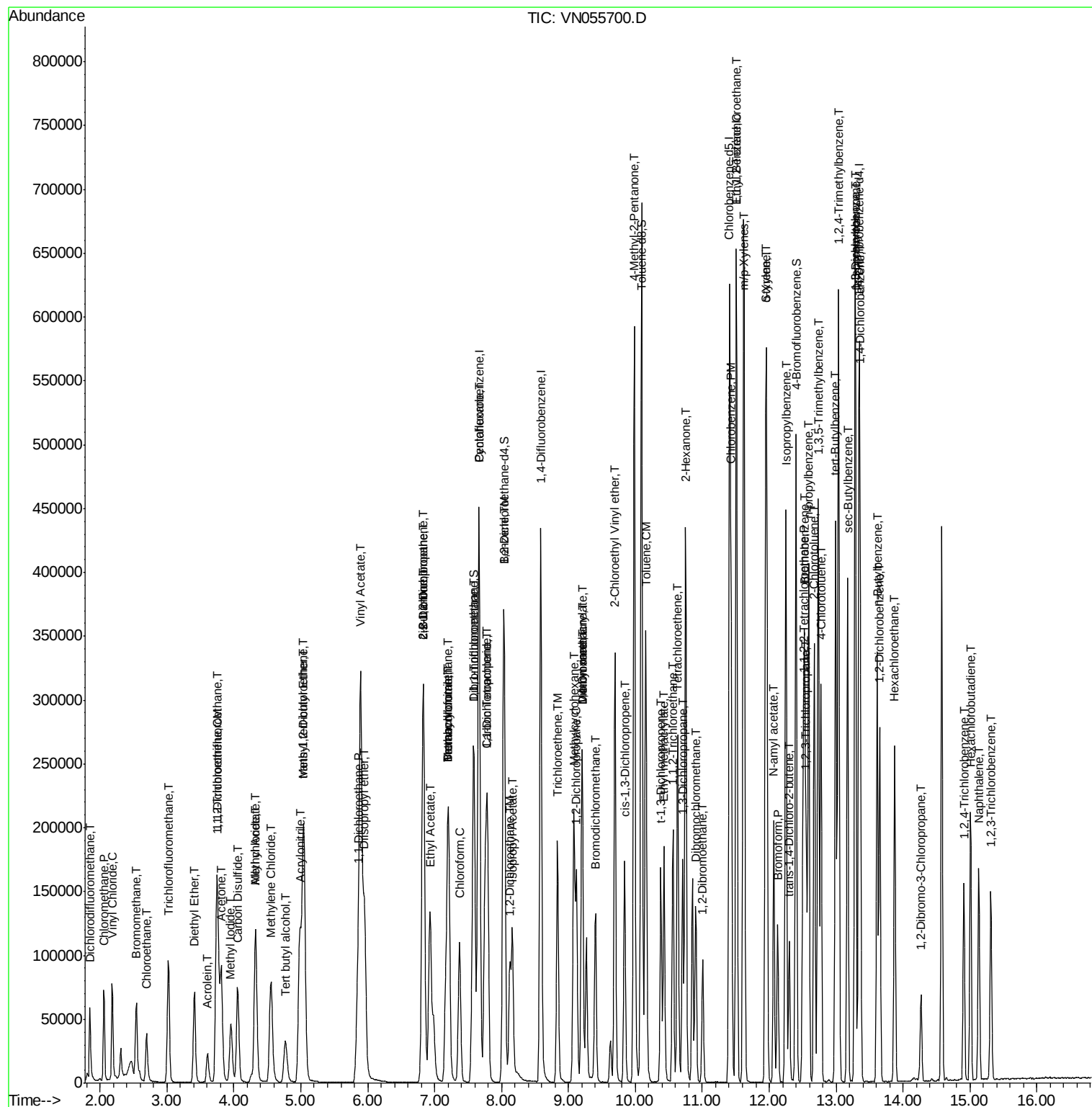
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55753	20.420	ug/l	100
94) Hexachlorobutadiene	15.01	225	47543	27.542	ug/l	99
95) Naphthalene	15.13	128	154540	19.857	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	58869	20.621	ug/l	100

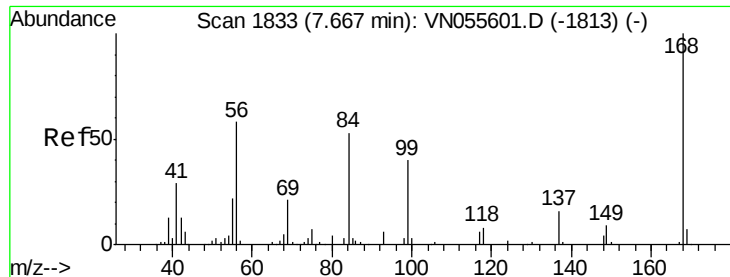
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

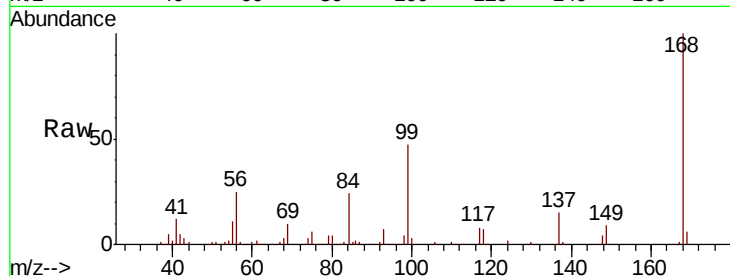
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 302101

Ion Ratio Lower Upper

168 100

99 46.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

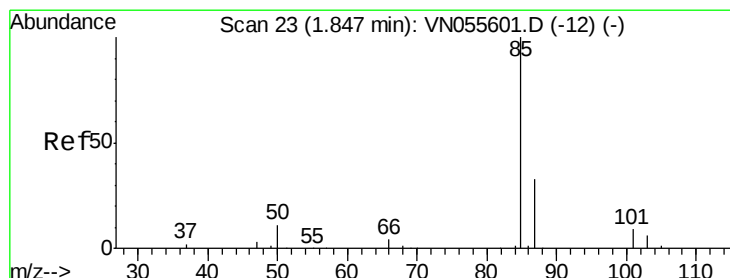
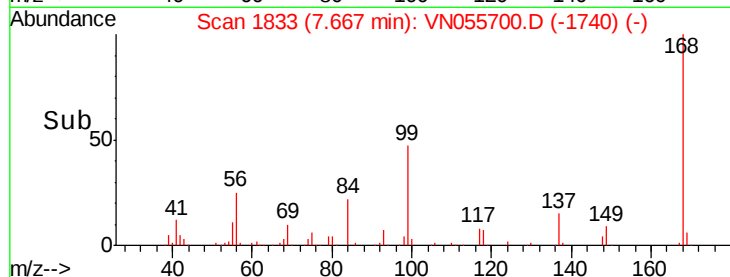
7.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.258 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN055700.D

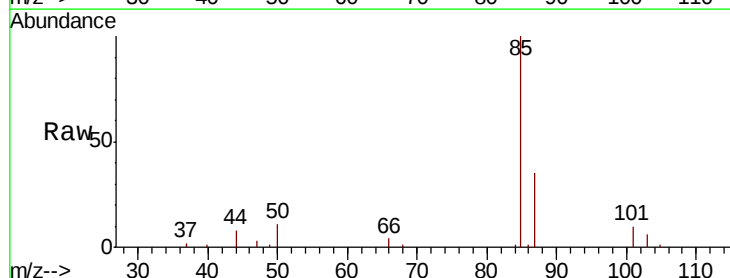
Acq: 21 May 2019 11:30

Tgt Ion: 85 Resp: 49412

Ion Ratio Lower Upper

85 100

87 35.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

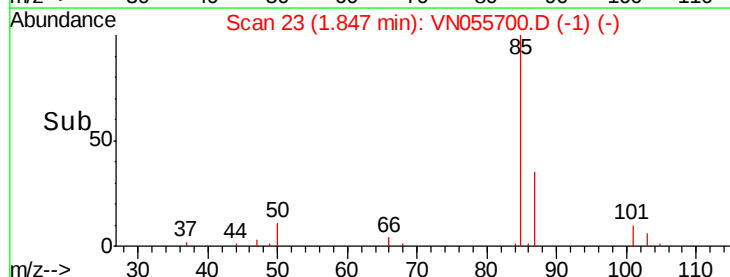
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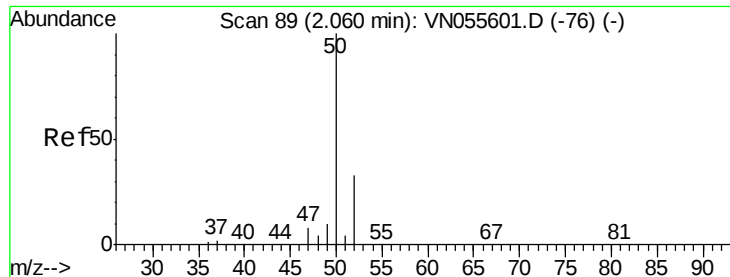
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.728 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

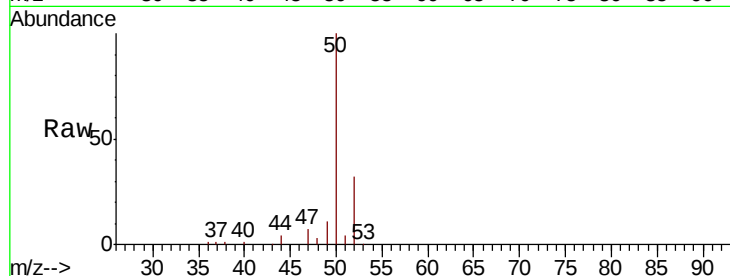
ClientSampleId :

Tot Ion: 50 Resp: 64263

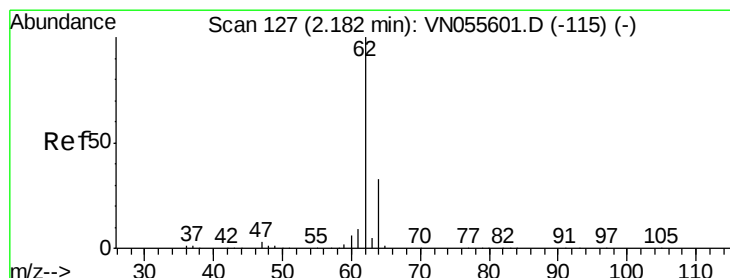
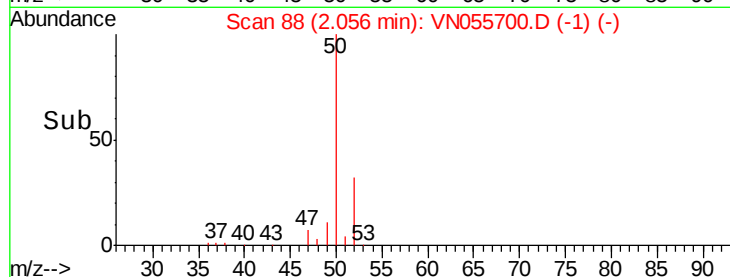
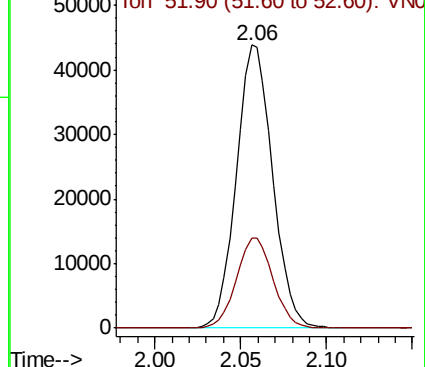
Ion Ratio Lower Upper

50 100

52 31.7 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN055700.D (-1) (-)



#4

Vinyl Chloride

Concen: 21.152 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055700.D

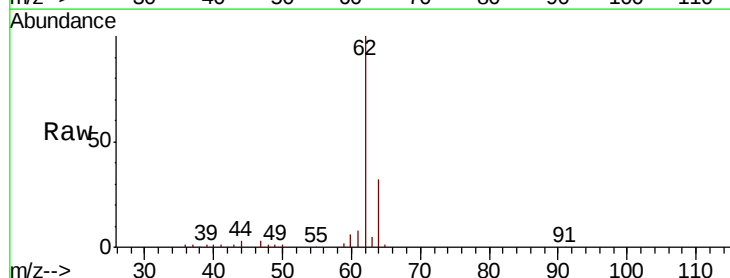
Acq: 21 May 2019 11:30

Tgt Ion: 62 Resp: 71011

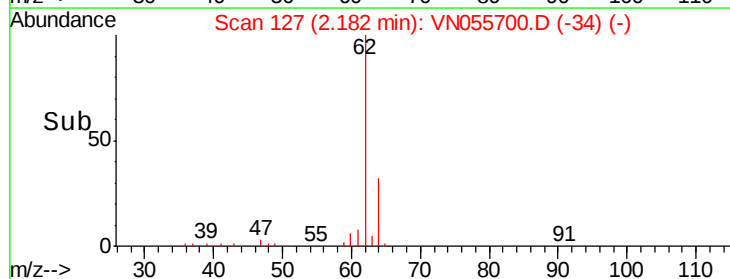
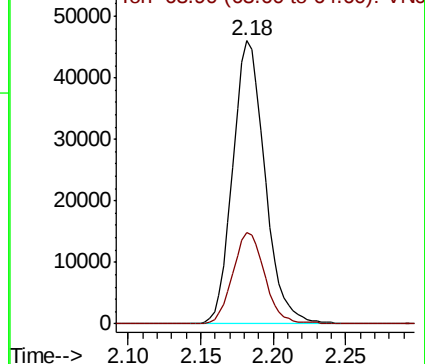
Ion Ratio Lower Upper

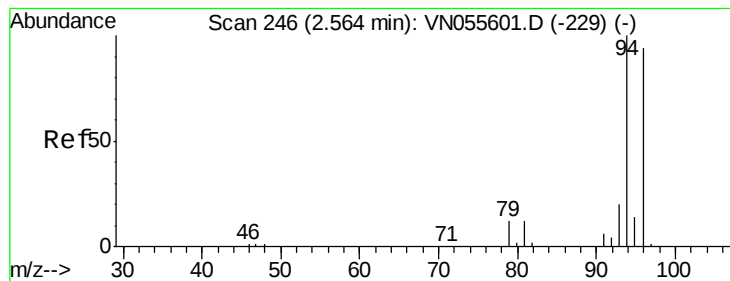
62 100

64 32.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN055700.D (-34) (-)





#5

Bromomethane

Concen: 22.617 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.02 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

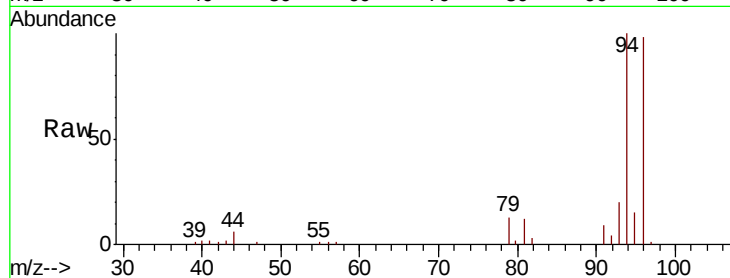
ClientSampleId :

Tot Ion: 94 Resp: 48389

Ion Ratio Lower Upper

94 100

96 97.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN055700.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN055700.D (-153) (-)

2.54

20000

15000

10000

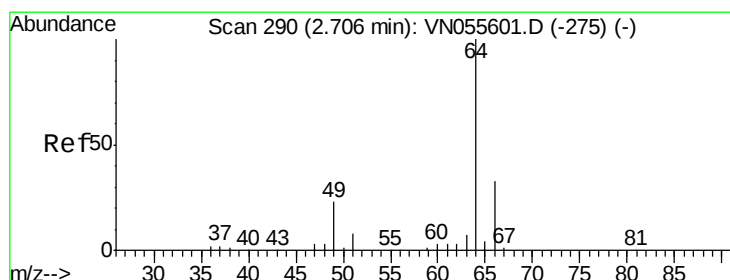
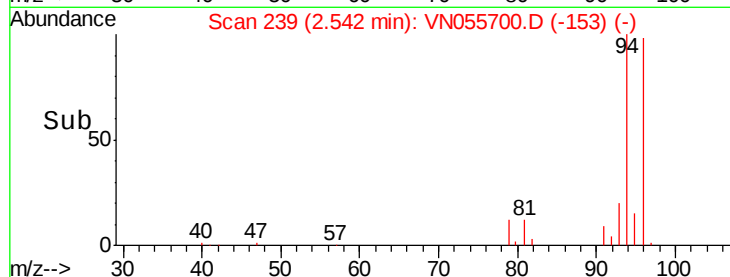
5000

0

Time-->

2.50

2.60



#6

Chloroethane

Concen: 22.392 ug/l

RT: 2.70 min Scan# 287

Delta R.T. -0.01 min

Lab File: VN055700.D

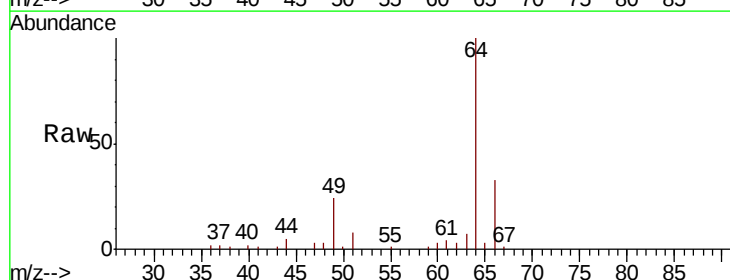
Acq: 21 May 2019 11:30

Tgt Ion: 64 Resp: 41740

Ion Ratio Lower Upper

64 100

66 32.9 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN055700.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN055700.D (-197) (-)

2.70

20000

15000

10000

5000

0

Time-->

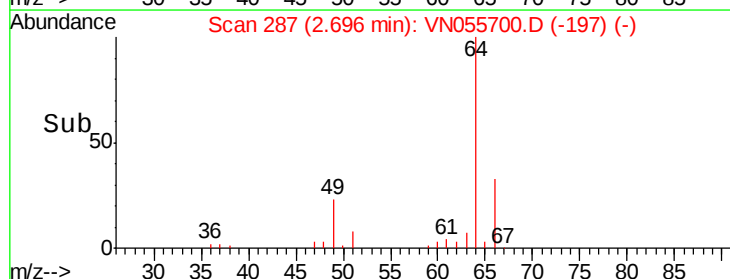
2.60

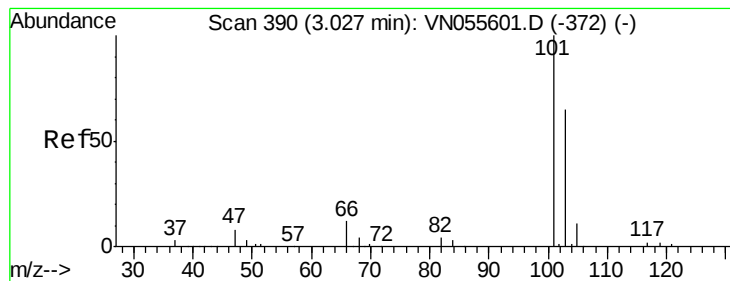
2.65

2.70

2.75

2.80



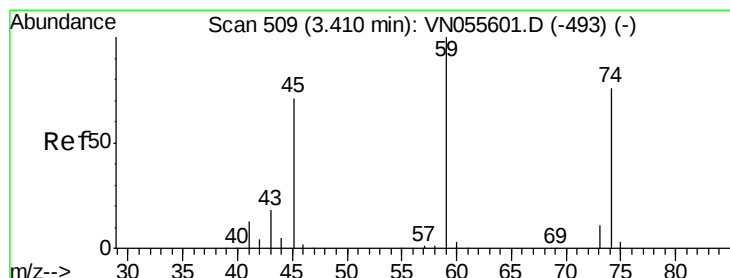
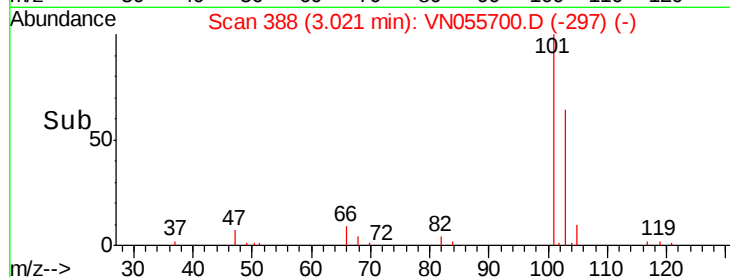
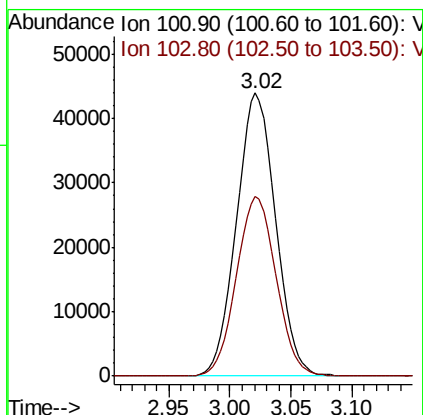
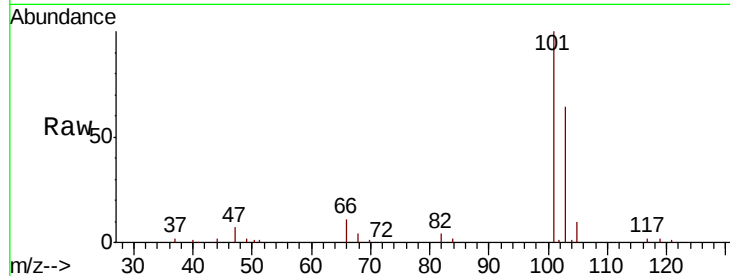


#7

Trichlorofluoromethane
 Concen: 22.665 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Instrument :
 MSVOA_N
 ClientSampleId :

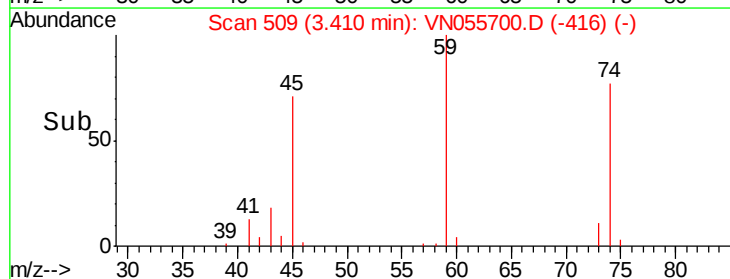
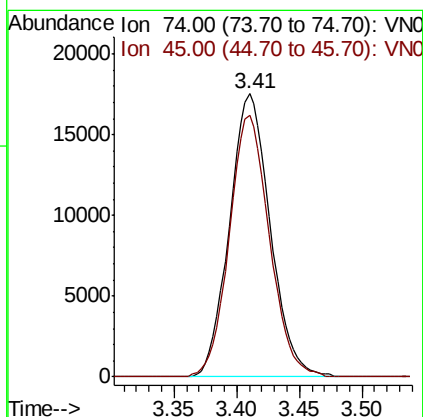
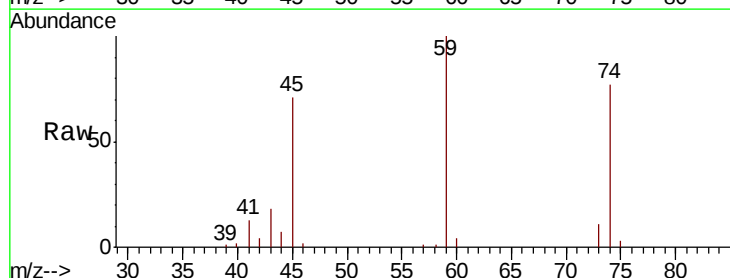
Tot Ion:101 Resp: 97507
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.3 78.5

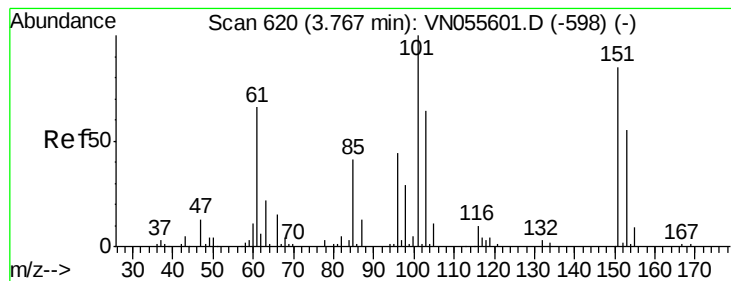


#8

Diethyl Ether
 Concen: 22.901 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Tgt Ion: 74 Resp: 39578
 Ion Ratio Lower Upper
 74 100
 45 90.8 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.223 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

ClientSampled :

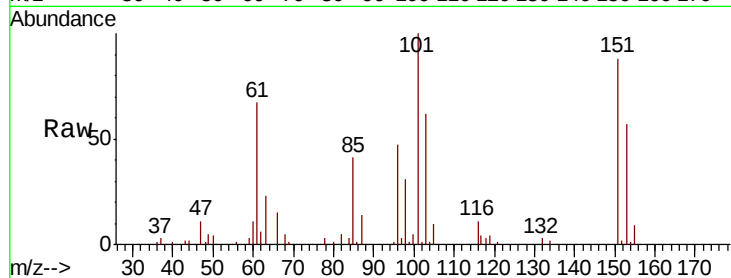
Tot Ion:101 Resp: 60908

Ion Ratio Lower Upper

101 100

85 40.0 33.4 50.0

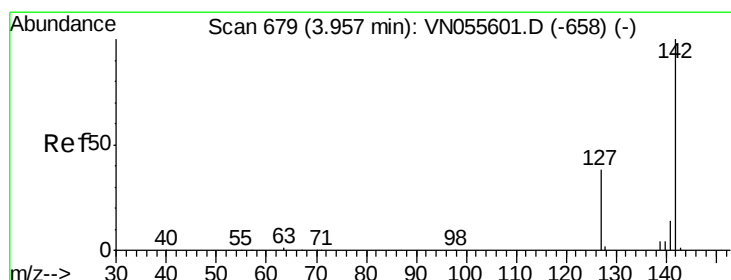
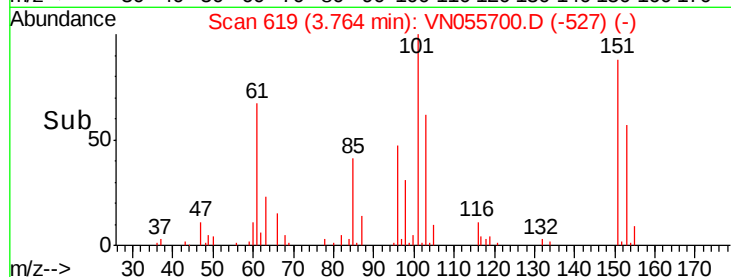
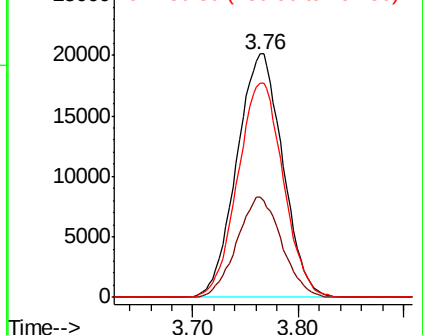
151 87.5 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.676 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

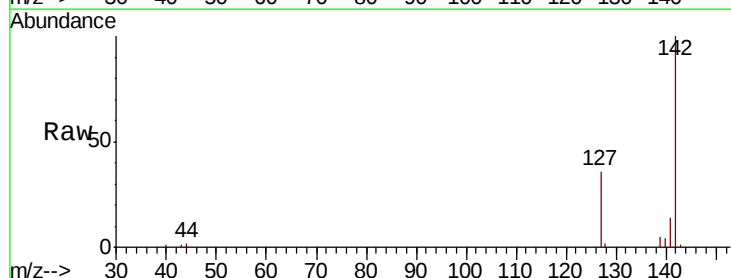
Tgt Ion:142 Resp: 81960

Ion Ratio Lower Upper

142 100

127 36.7 31.0 46.4

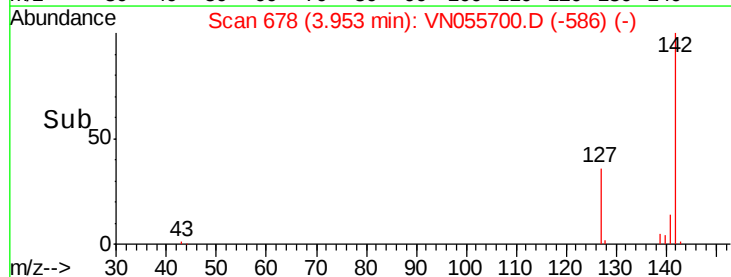
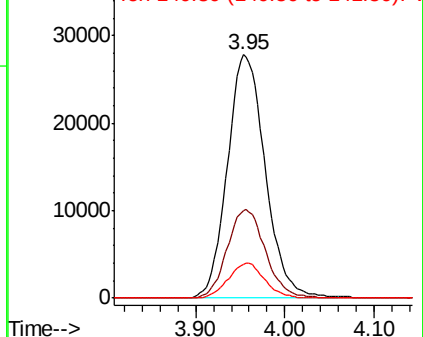
141 13.6 11.5 17.3

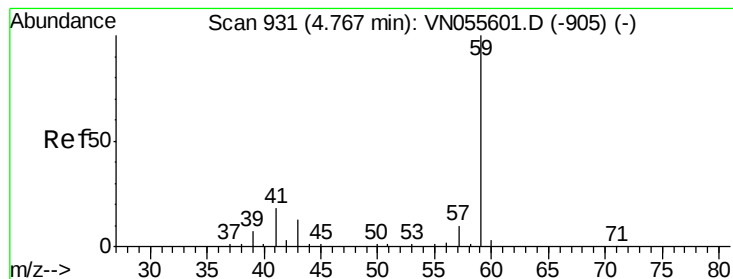


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



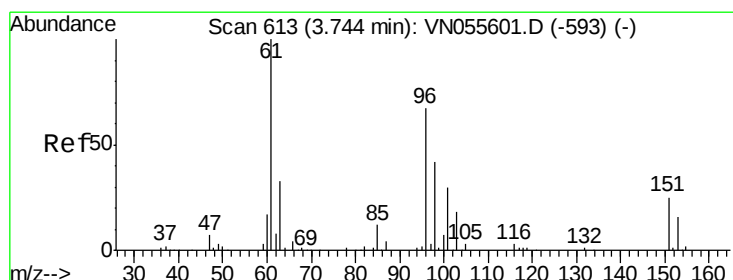
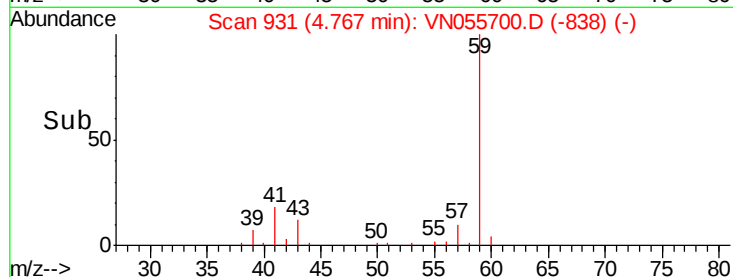
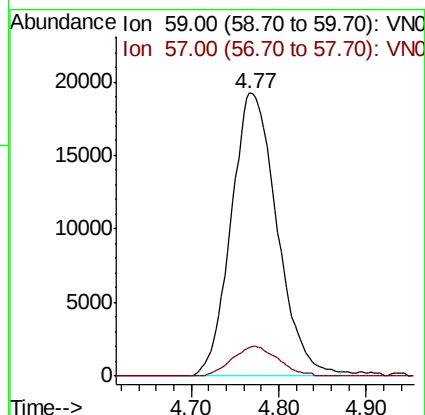
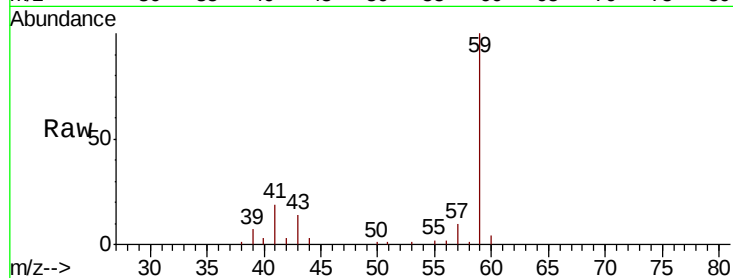


#11

Tert butyl alcohol
 Concen: 113.574 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Instrument :
 MSVOA_N
 ClientSampled :

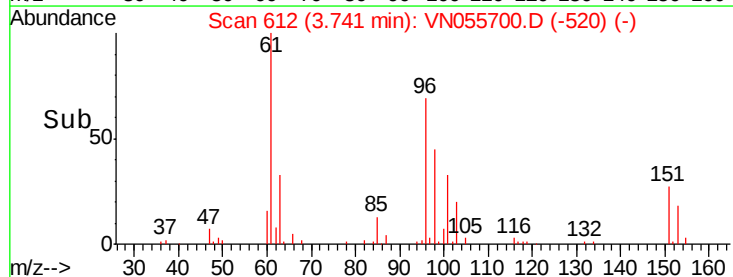
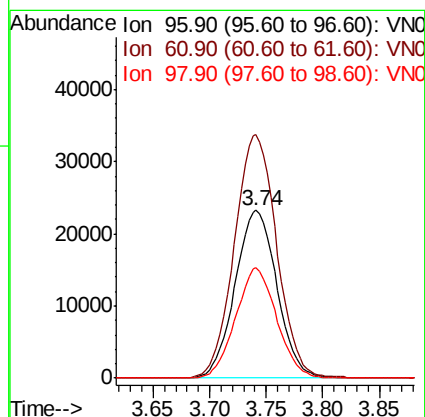
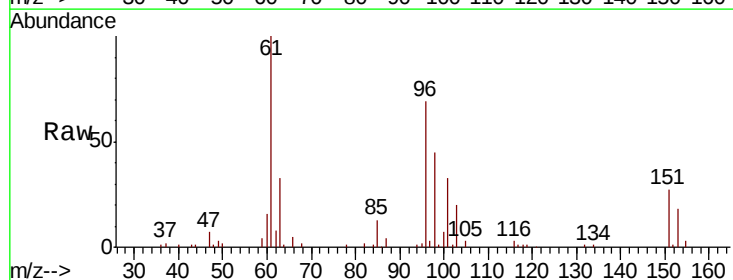
Tot Ion: 59 Resp: 70139
 Ion Ratio Lower Upper
 59 100
 57 10.6 7.8 11.6

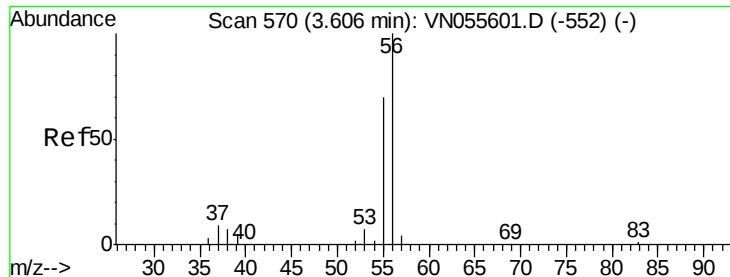


#12

1,1-Dichloroethene
 Concen: 21.688 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Tgt Ion: 96 Resp: 59835
 Ion Ratio Lower Upper
 96 100
 61 145.3 120.2 180.2
 98 65.6 50.6 75.8





#13

Acrolein

Concen: 84.472 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

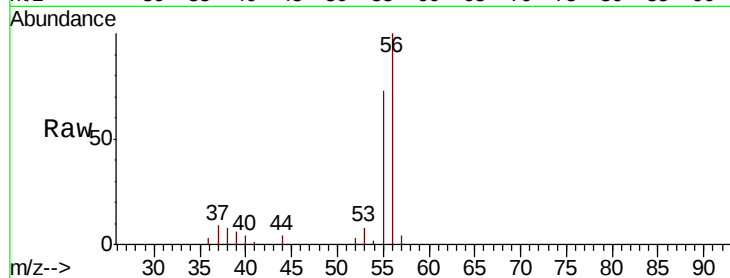
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 26324

Ion Ratio Lower Upper

56 100

55 74.1 56.5 84.7

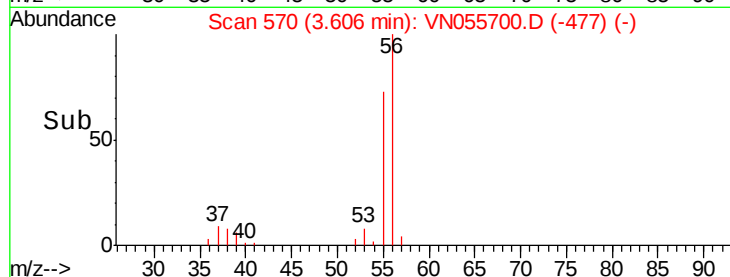


Abundance Ion 56.00 (55.70 to 56.70): VN055700.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN055700.D (-477) (-)

3.61

Time-->



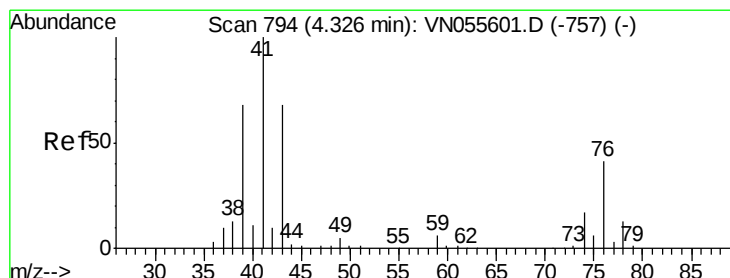
Abundance

Ion 56.00 (55.70 to 56.70): VN055700.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN055700.D (-477) (-)

3.61

Time-->



#14

Allyl chloride

Concen: 21.896 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

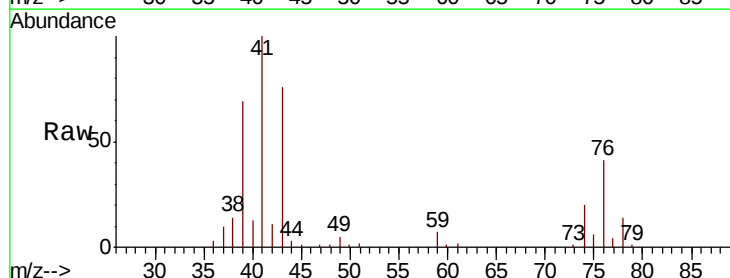
Tgt Ion: 41 Resp: 97526

Ion Ratio Lower Upper

41 100

39 62.9 50.5 75.7

76 36.9 29.2 43.8



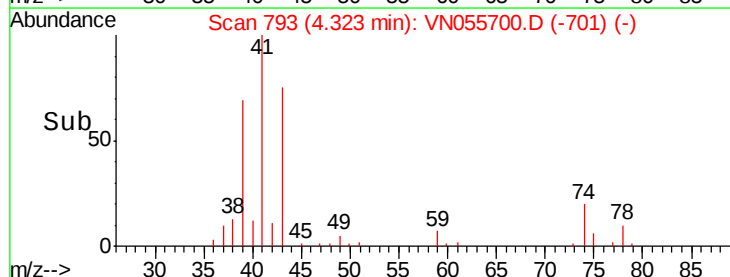
Abundance Ion 41.00 (40.70 to 41.70): VN055700.D (-701) (-)

Ion 39.00 (38.70 to 39.70): VN055700.D (-701) (-)

Ion 75.90 (75.60 to 76.60): VN055700.D (-701) (-)

4.32

Time-->



Abundance

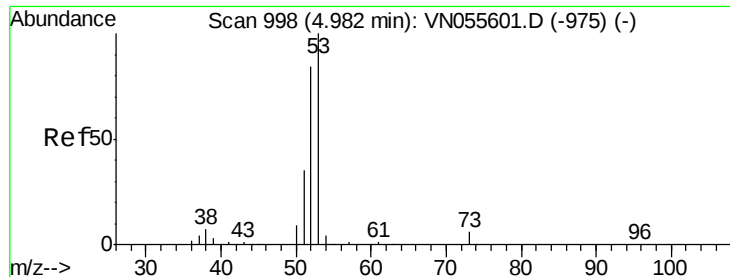
Ion 41.00 (40.70 to 41.70): VN055700.D (-701) (-)

Ion 39.00 (38.70 to 39.70): VN055700.D (-701) (-)

Ion 75.90 (75.60 to 76.60): VN055700.D (-701) (-)

4.32

Time-->



#15

Acrylonitrile

Concen: 114.850 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

ClientSampled :

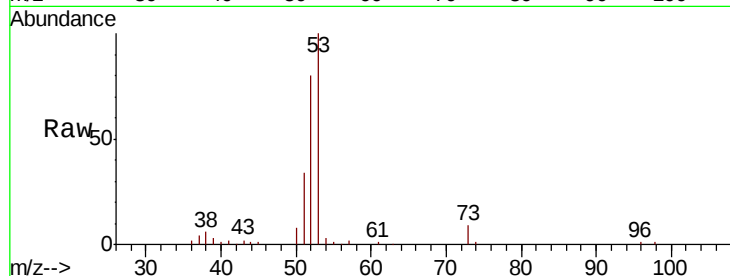
Tot Ion: 53 Resp: 157800

Ion Ratio Lower Upper

53 100

52 80.8 66.2 99.4

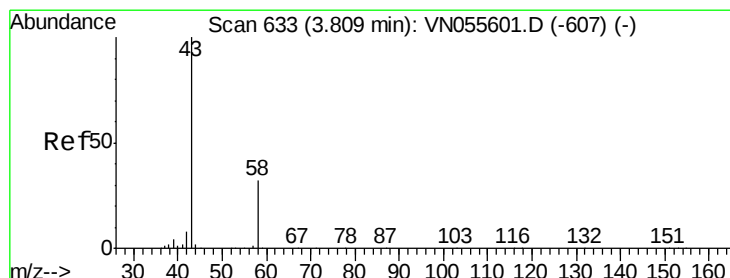
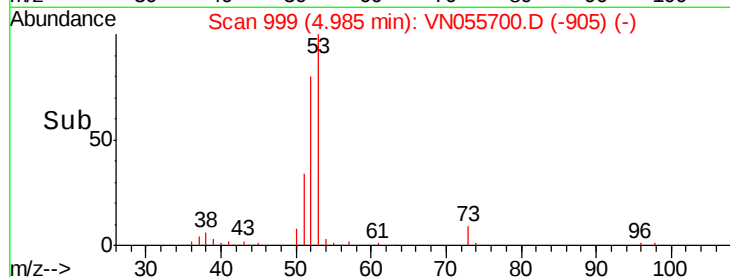
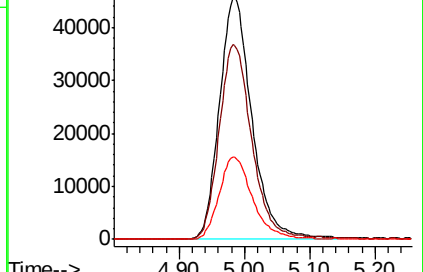
51 35.1 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN055700.D (-905) (-)

Ion 52.00 (51.70 to 52.70): VN055700.D (-905) (-)

Ion 51.00 (50.70 to 51.70): VN055700.D (-905) (-)



#16

Acetone

Concen: 108.860 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN055700.D

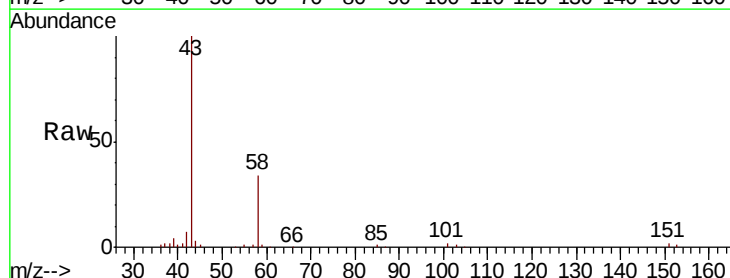
Acq: 21 May 2019 11:30

Tgt Ion: 43 Resp: 147120

Ion Ratio Lower Upper

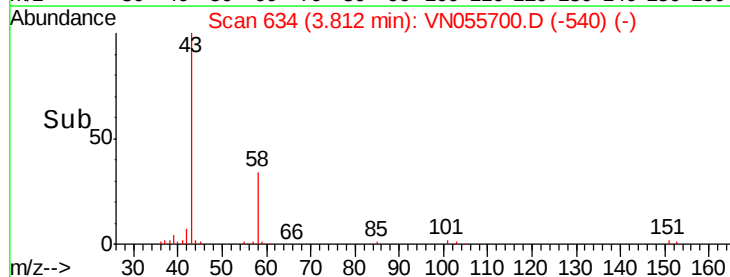
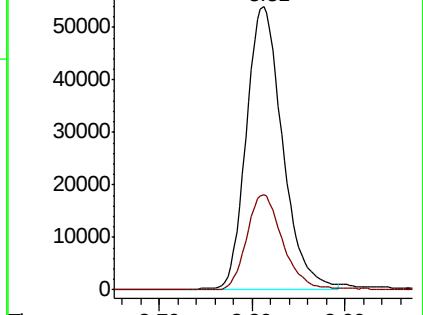
43 100

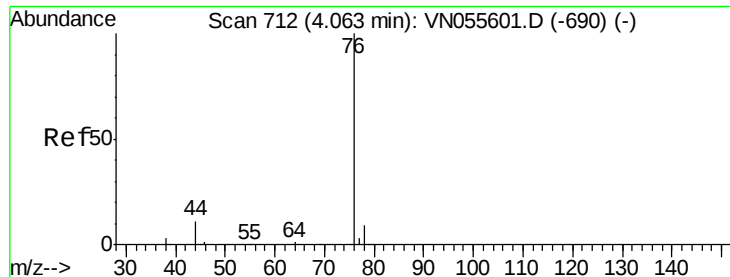
58 33.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055700.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN055700.D (-540) (-)

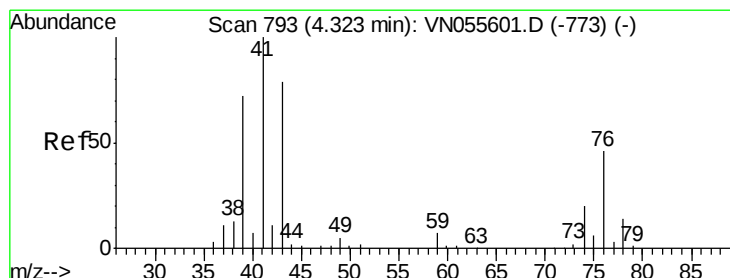
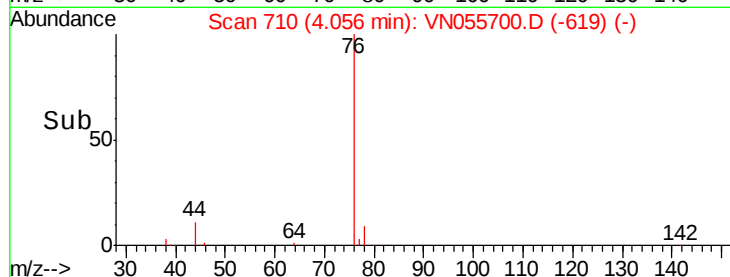
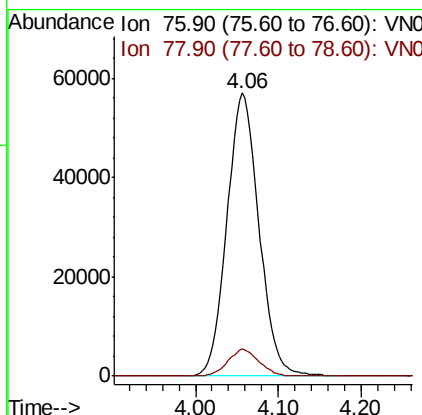
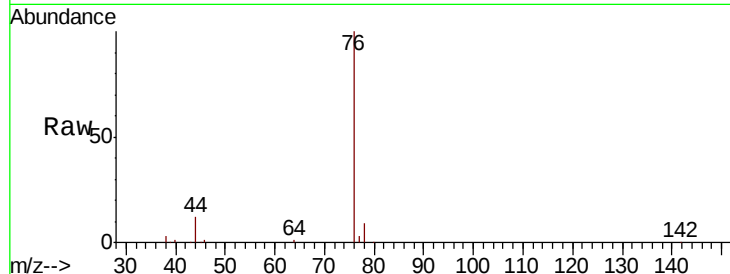




#17
Carbon Disulfide
Concen: 20.005 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.01 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

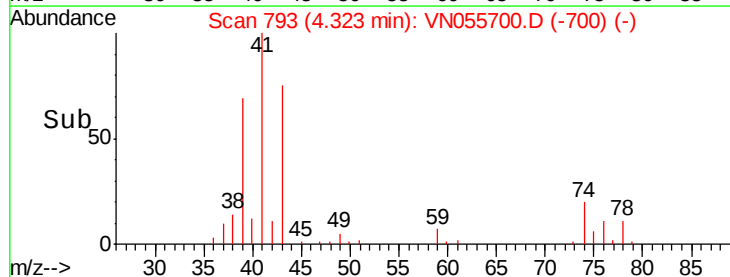
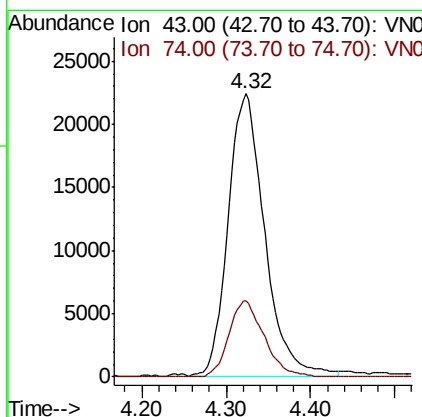
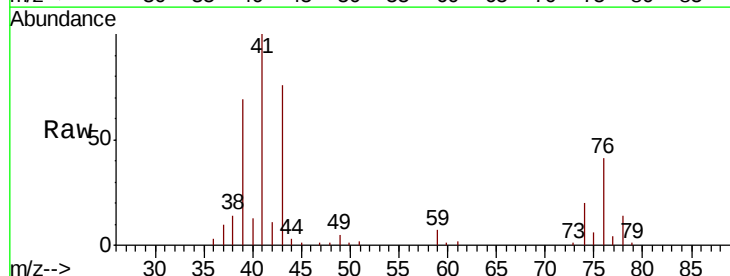
Instrument :
MSVOA_N
ClientSampleId :

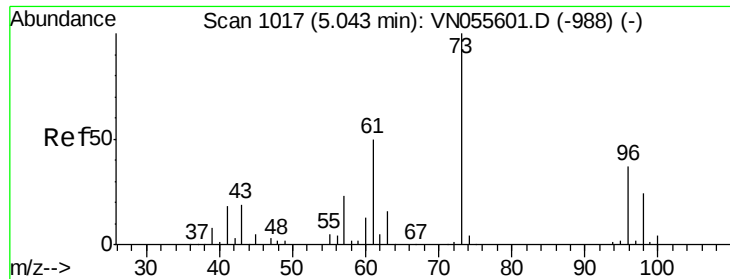
Tot Ion: 76 Resp: 153431
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 23.472 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion: 43 Resp: 68006
Ion Ratio Lower Upper
43 100
74 25.7 19.9 29.9

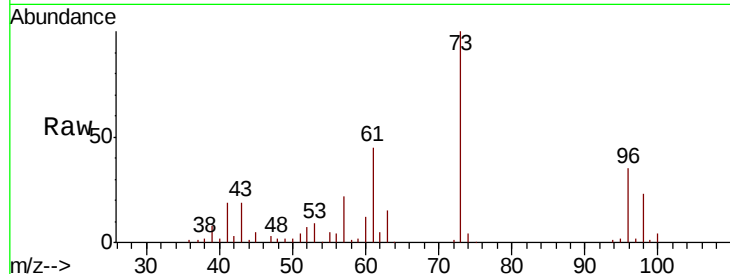




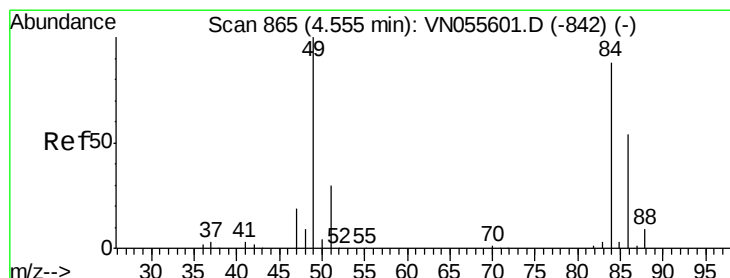
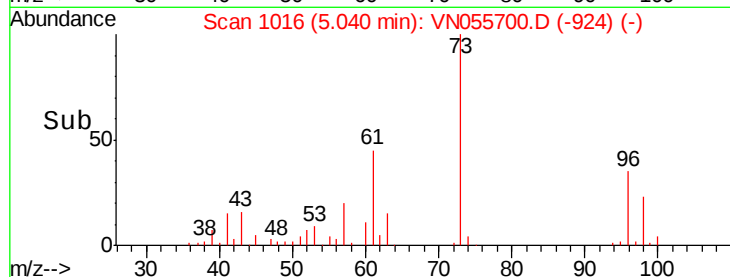
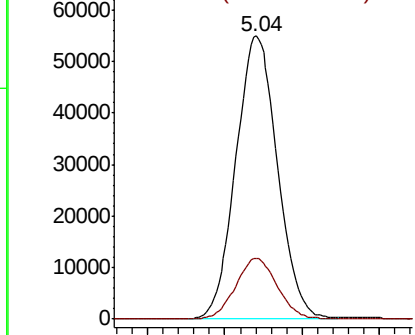
#19
Methvl tert-butvl Ether
Concen: 22.552 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 73 Resp: 205836
Ion Ratio Lower Upper
73 100
57 21.5 18.2 27.2

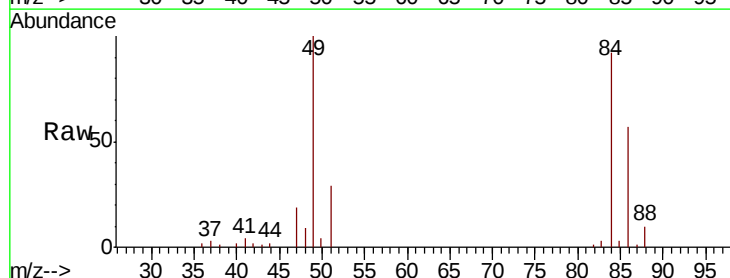


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

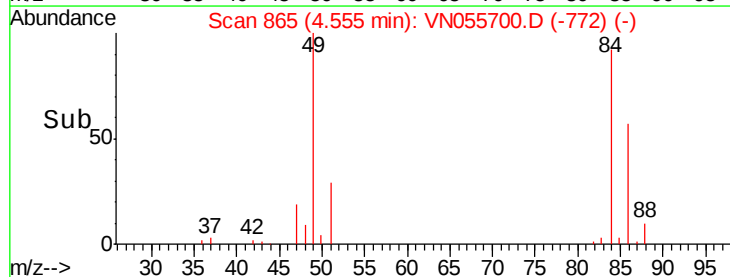
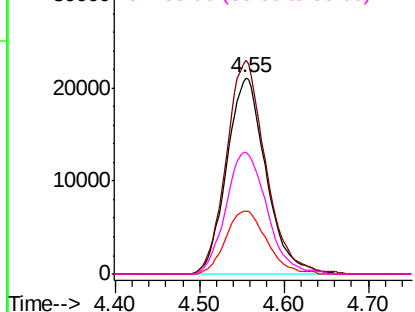


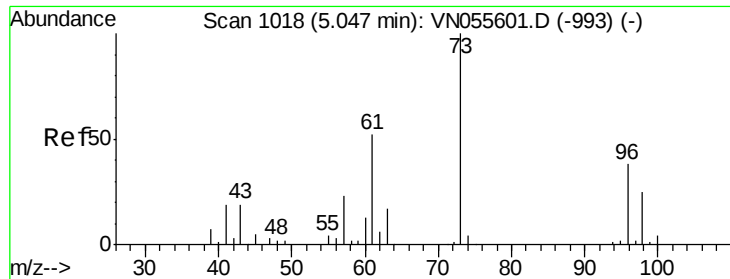
#20
Methylene Chloride
Concen: 22.183 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion: 84 Resp: 68417
Ion Ratio Lower Upper
84 100
49 109.0 91.0 136.4
51 31.9 27.5 41.3
86 62.3 49.4 74.0



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

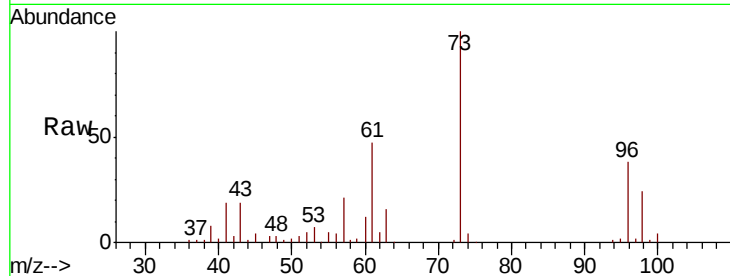




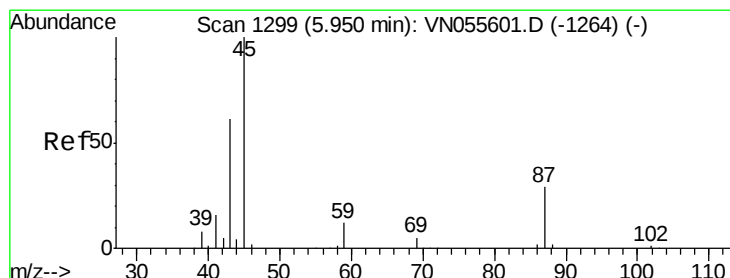
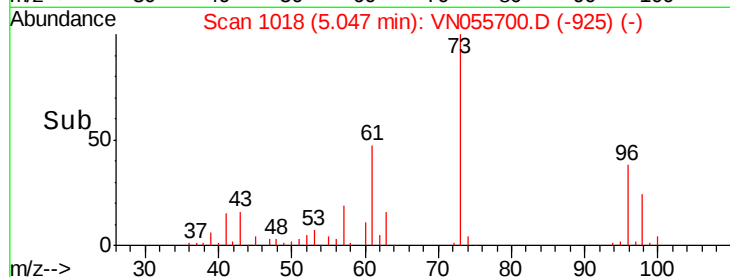
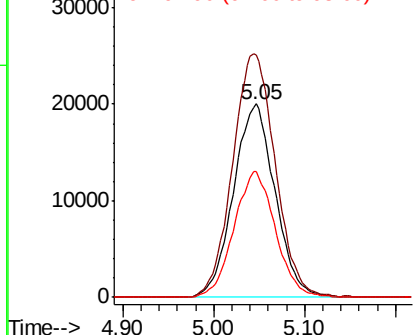
#21
trans-1,2-Dichloroethene
Concen: 21.653 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 63639
Ion Ratio Lower Upper
96 100
61 125.5 108.6 162.8
98 64.8 51.4 77.0

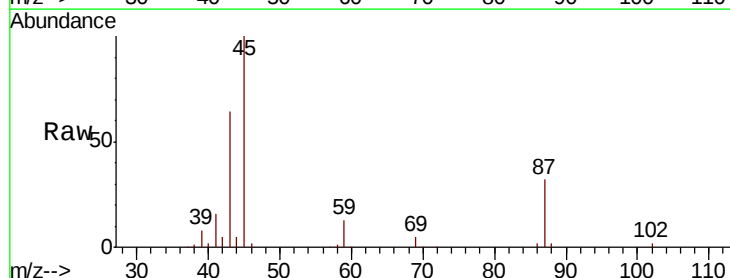


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

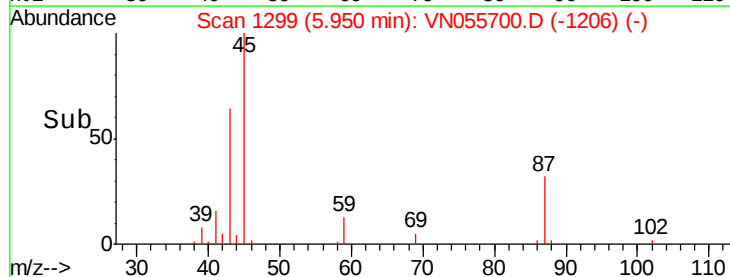
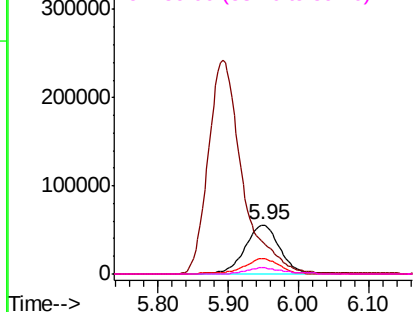


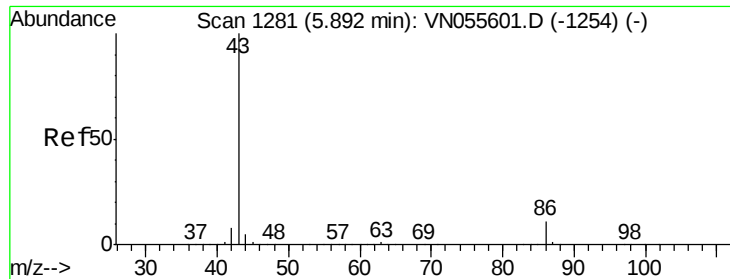
#22
Diisopropyl ether
Concen: 21.829 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion: 45 Resp: 192657
Ion Ratio Lower Upper
45 100
43 61.6 50.4 75.6
87 31.3 23.8 35.6
59 12.4 9.5 14.3



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





#23

Vinyl Acetate

Concen: 109.567 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

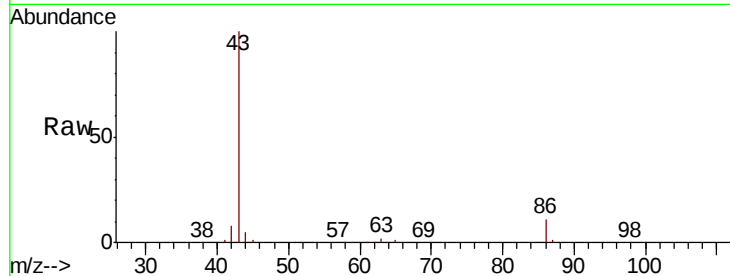
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 820527

Ion Ratio Lower Upper

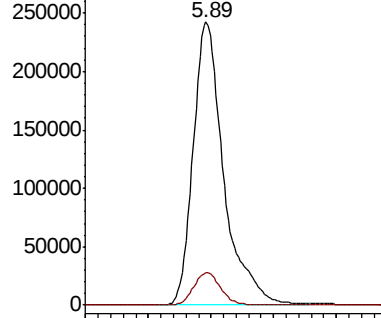
43 100

86 11.3 8.7 13.1

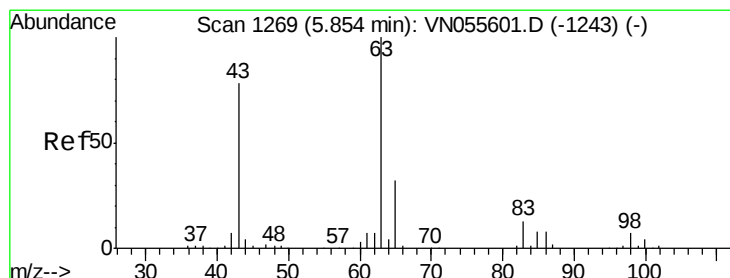
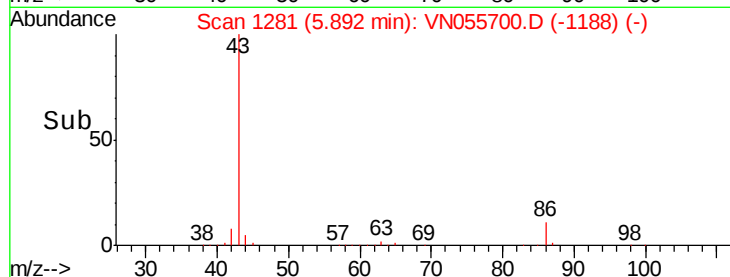


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 22.431 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

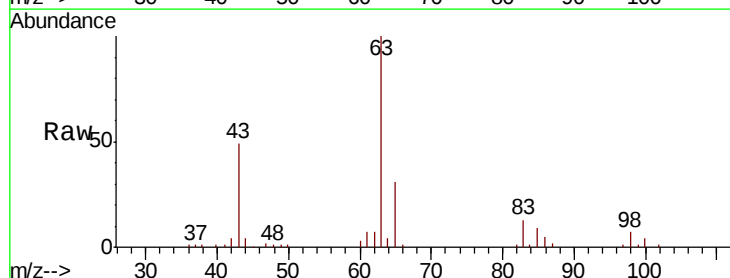
Tgt Ion: 63 Resp: 116078

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.2

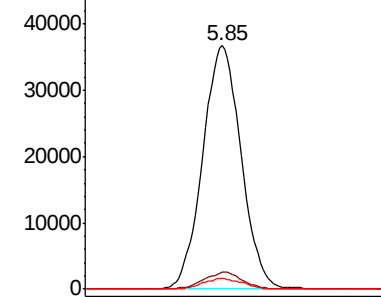
100 4.4 2.2 6.6



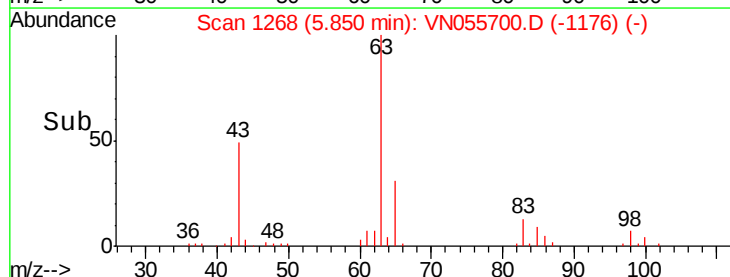
Abundance Ion 62.90 (62.60 to 63.60): VN0

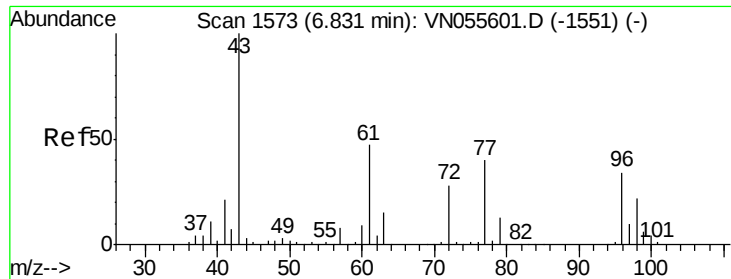
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 110.678 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

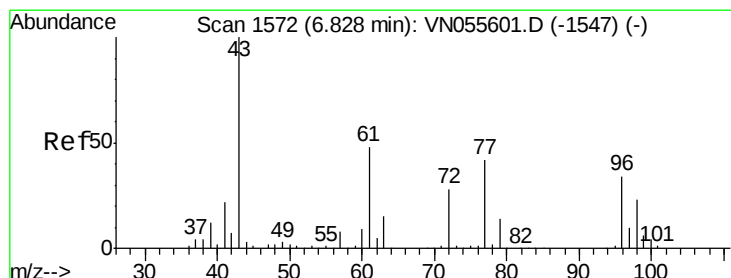
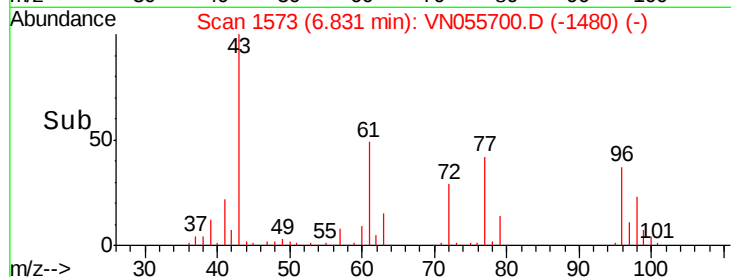
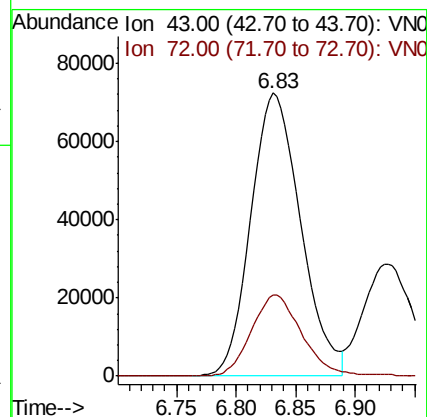
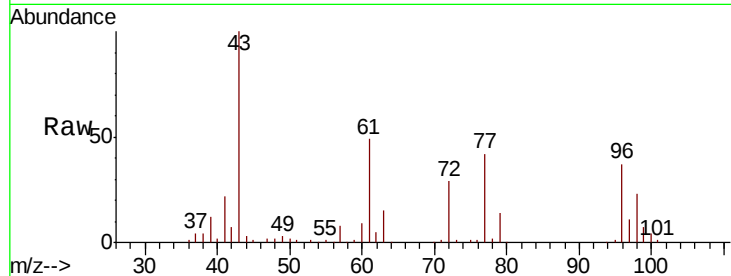
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 209141

Ion Ratio Lower Upper

43 100

72 28.6 22.3 33.5



#26

2,2-Dichloropropane

Concen: 22.031 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055700.D

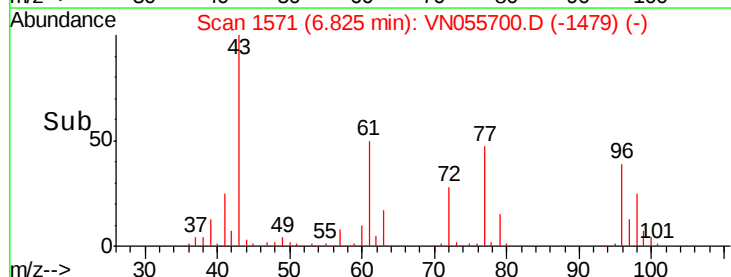
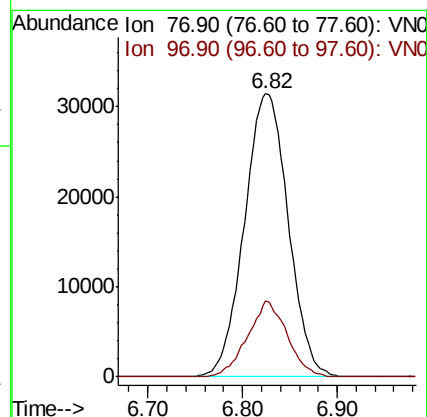
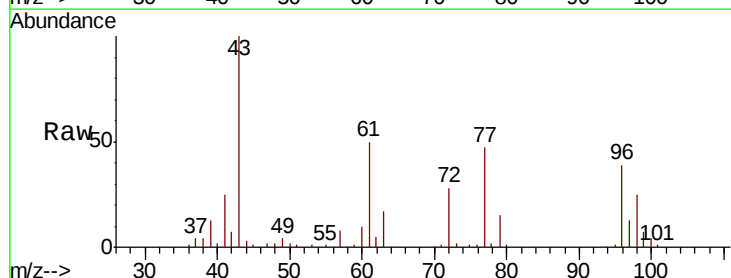
Acq: 21 May 2019 11:30

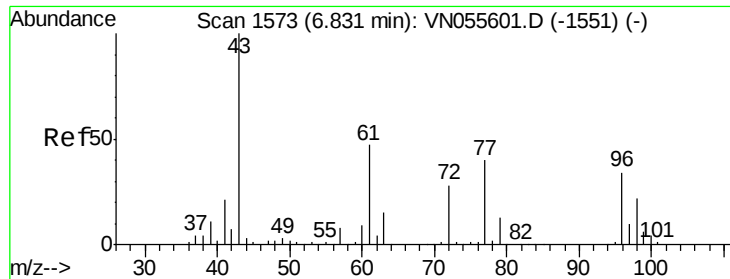
Tgt Ion: 77 Resp: 101186

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 22.437 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :
MSVOA_N
ClientSampled :

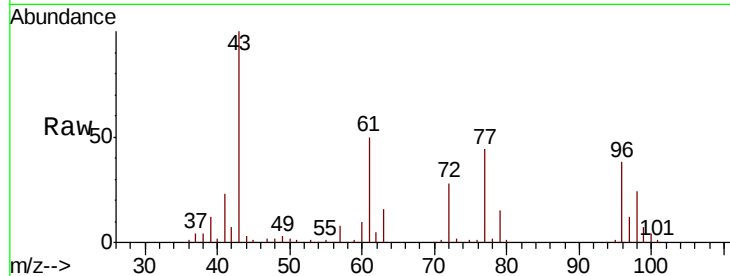
Tot Ion: 96 Resp: 76790

Ion Ratio Lower Upper

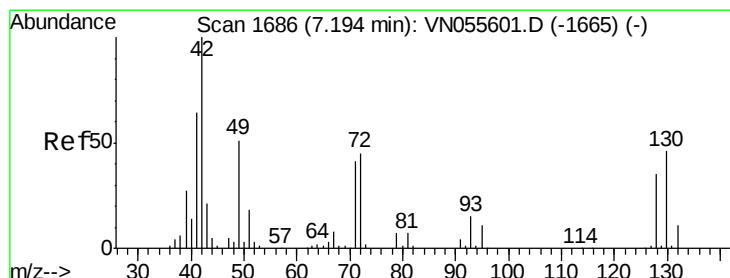
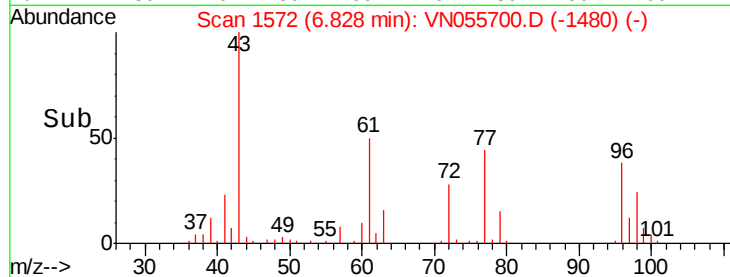
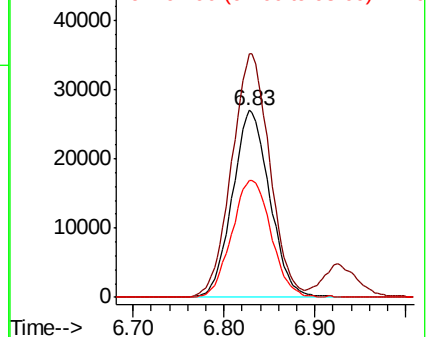
96 100

61 132.8 0.0 279.0

98 65.9 0.0 131.6



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



#28

Bromochloromethane

Concen: 18.168 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

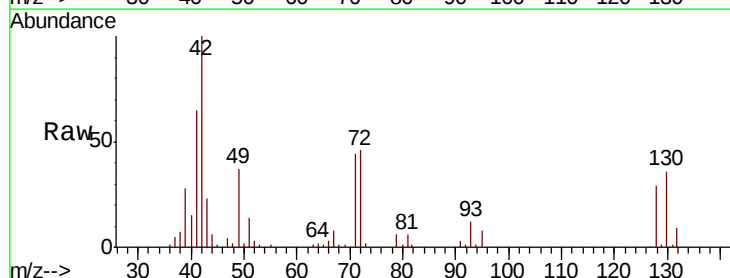
Tgt Ion: 49 Resp: 40903

Ion Ratio Lower Upper

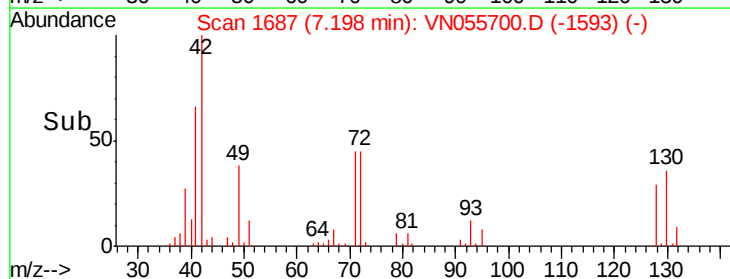
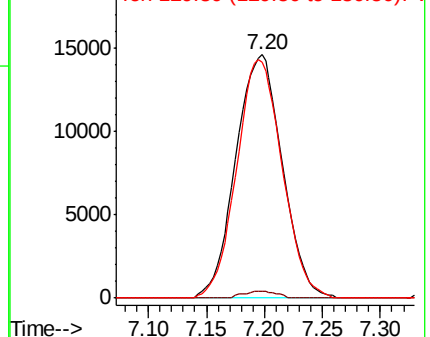
49 100

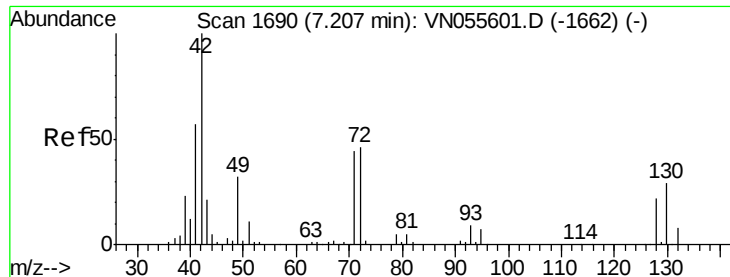
129 2.1 0.0 4.4

130 95.6 71.0 106.6



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

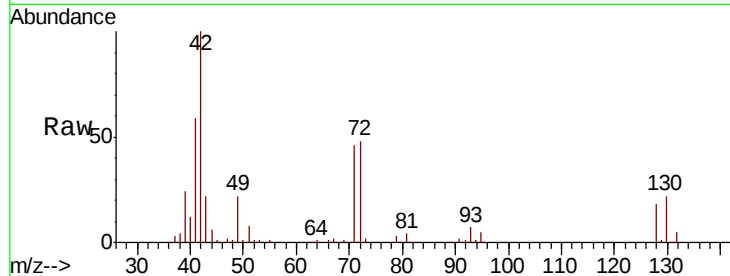




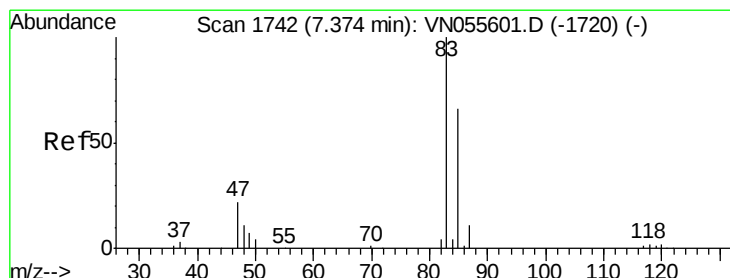
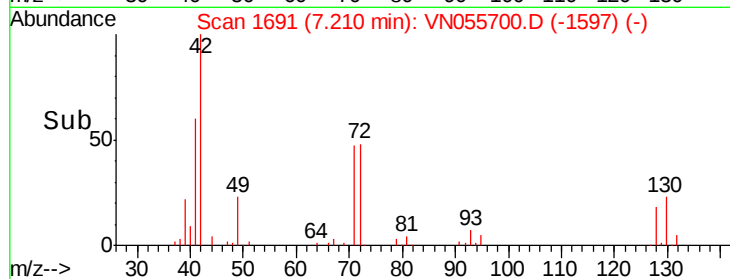
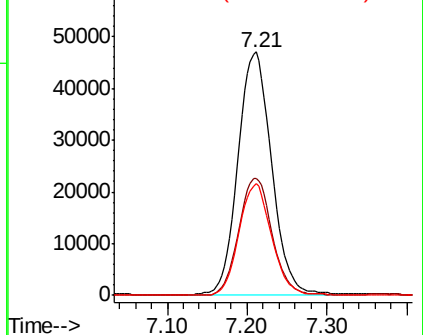
#29
Tetrahydrofuran
Concen: 107.652 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 134770
Ion Ratio Lower Upper
42 100
72 47.1 36.5 54.7
71 44.2 34.9 52.3

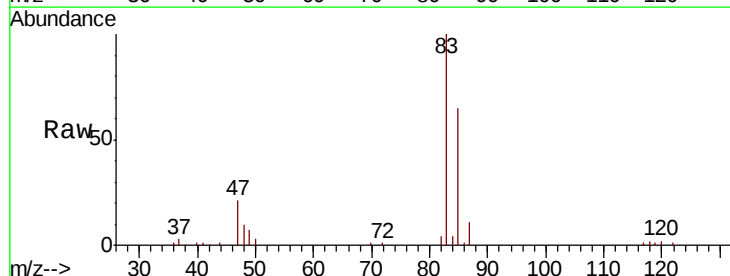


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

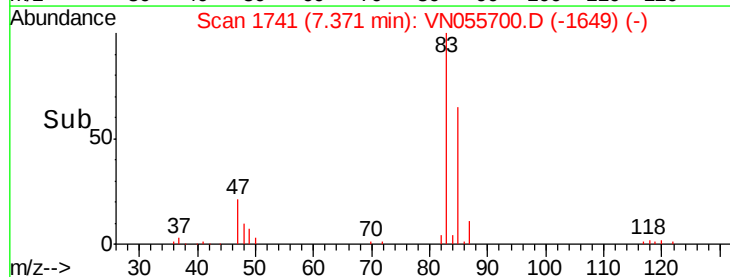
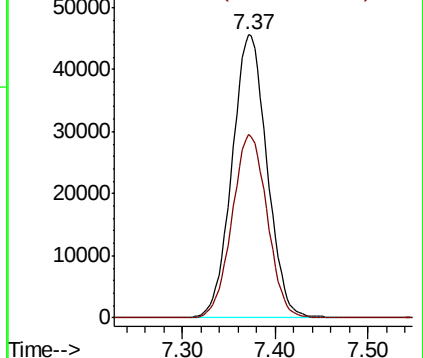


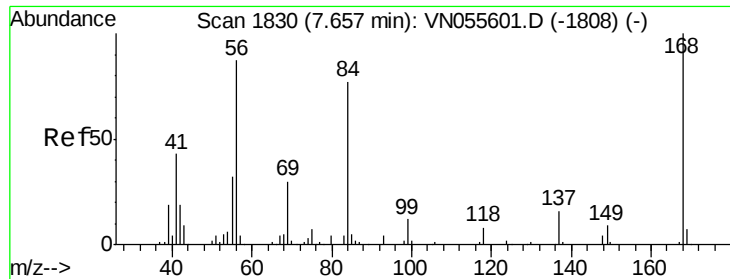
#30
Chloroform
Concen: 22.473 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion: 83 Resp: 119380
Ion Ratio Lower Upper
83 100
85 64.6 52.6 78.8



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

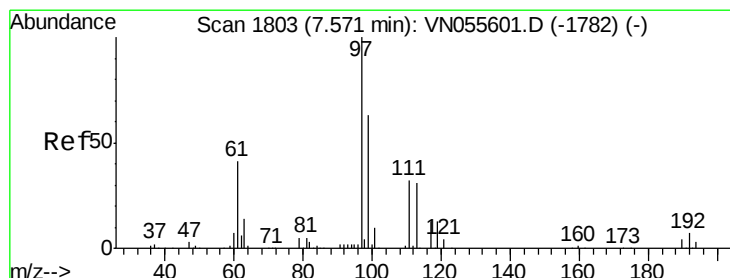
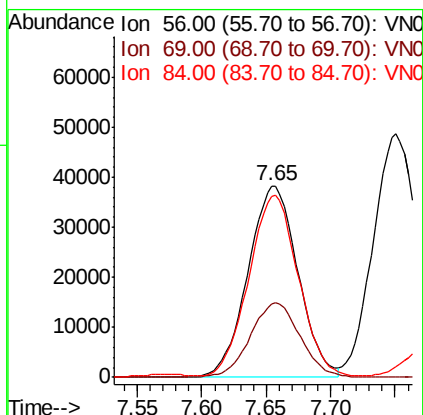
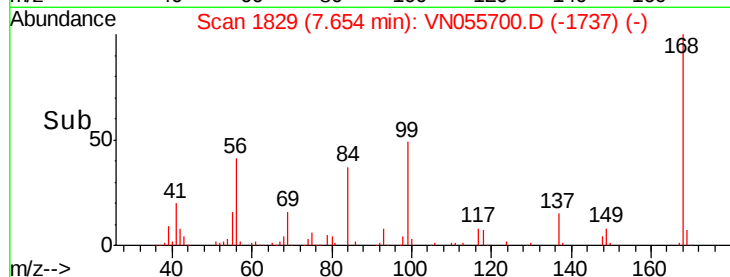
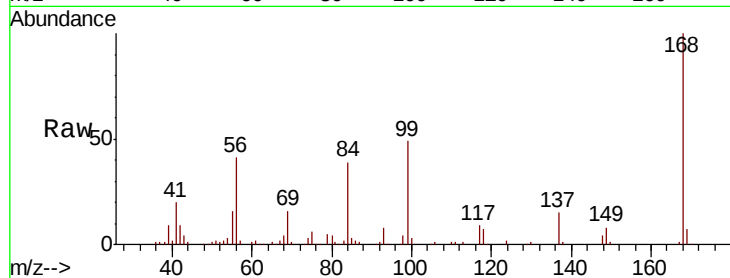




#31
Cyclohexane
Concen: 20.994 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

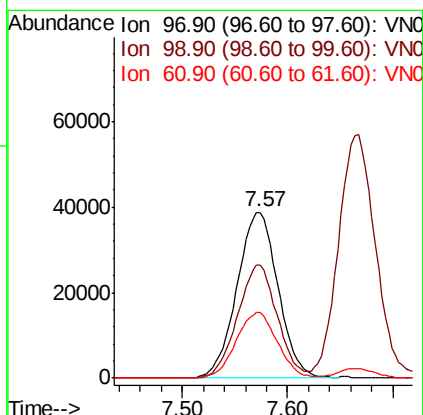
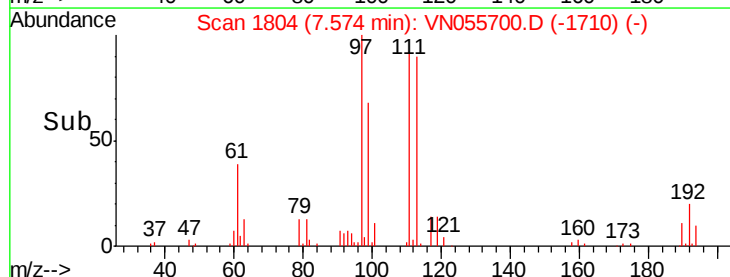
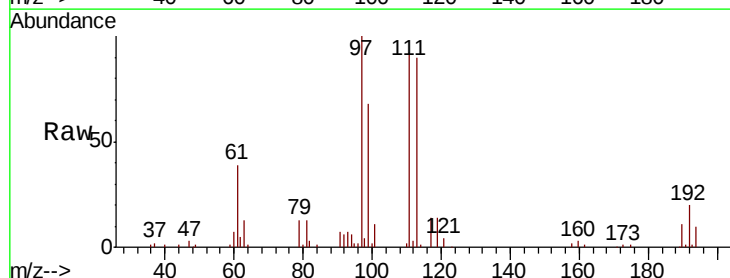
Instrument :
MSVOA_N
ClientSampleId :

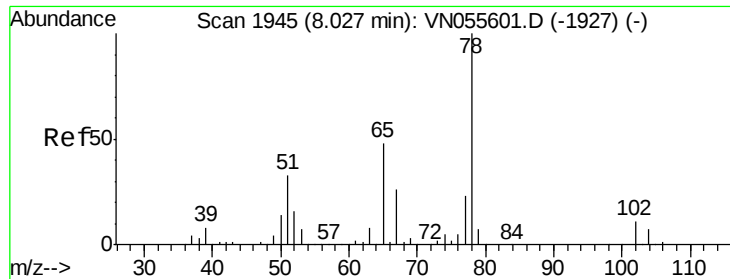
Tot Ion: 56 Resp: 103109
Ion Ratio Lower Upper
56 100
69 38.1 27.2 40.8
84 93.4 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 22.088 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion: 97 Resp: 105238
Ion Ratio Lower Upper
97 100
99 65.7 51.4 77.2
61 39.6 32.9 49.3





#33

1,2-Dichloroethane-d4

Concen: 47.303 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

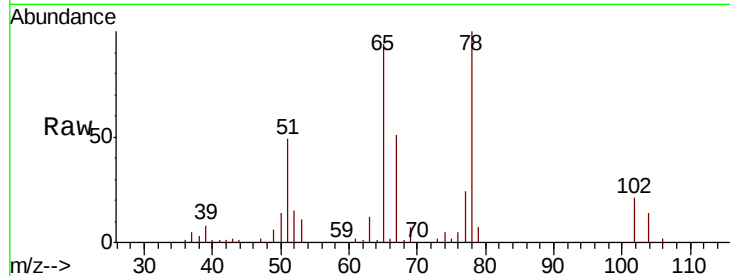
ClientSampled :

Tot Ion: 65 Resp: 156649

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN055700.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055700.D (-1852) (-)

8.03

60000

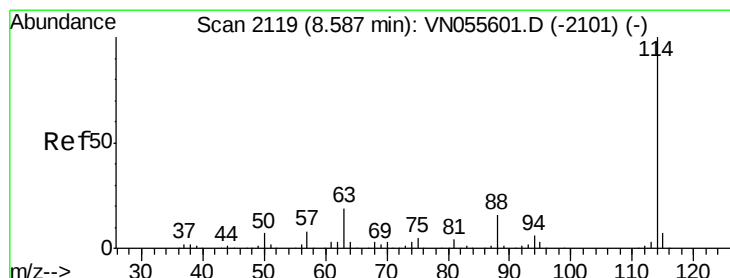
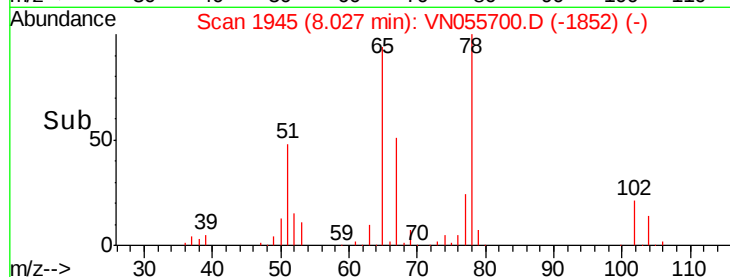
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

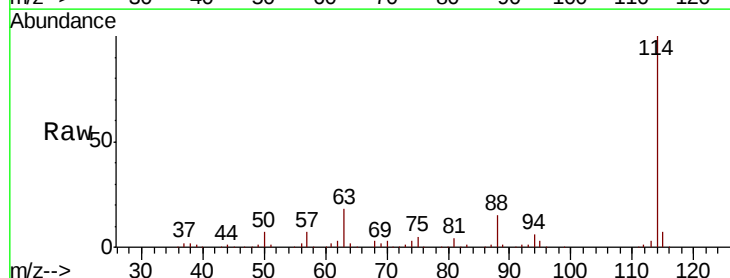
Tgt Ion: 114 Resp: 444098

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.2

88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN055700.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055700.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055700.D (-2026) (-)

8.59

250000

200000

150000

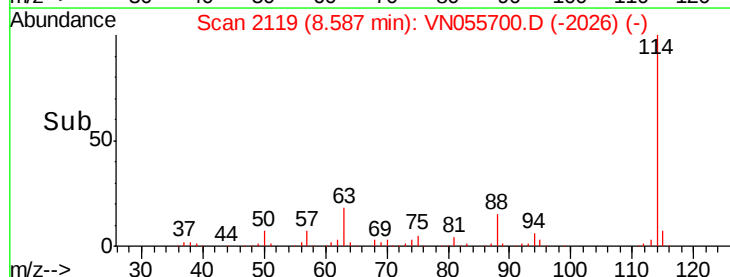
100000

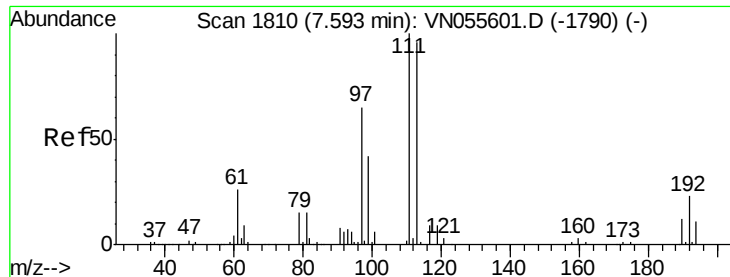
50000

0

8.50 8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 51.405 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :
MSVOA_N
ClientSampleId :

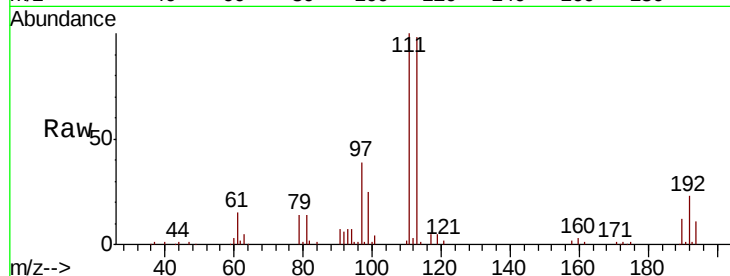
Tot Ion:113 Resp: 145020

Ion Ratio Lower Upper

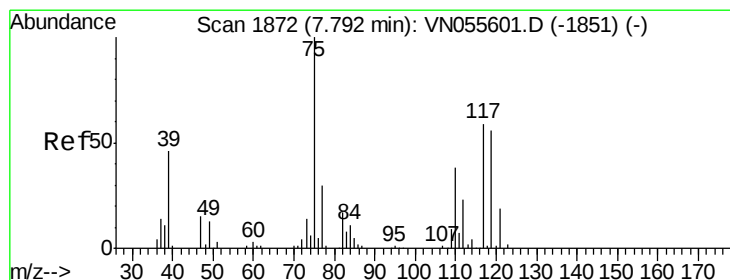
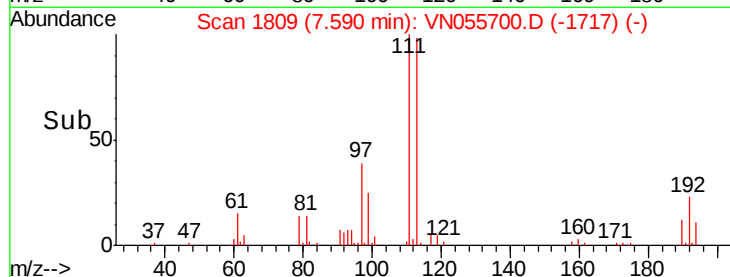
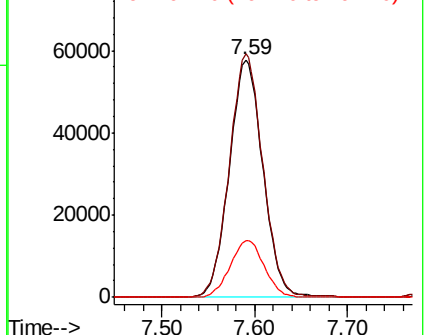
113 100

111 101.8 82.5 123.7

192 24.2 18.7 28.1



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



#36

1,1-Dichloropropene

Concen: 21.773 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

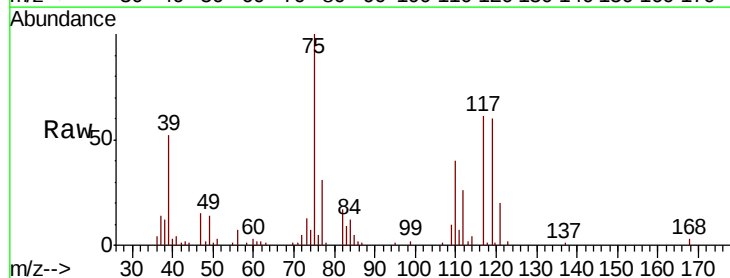
Tgt Ion: 75 Resp: 86209

Ion Ratio Lower Upper

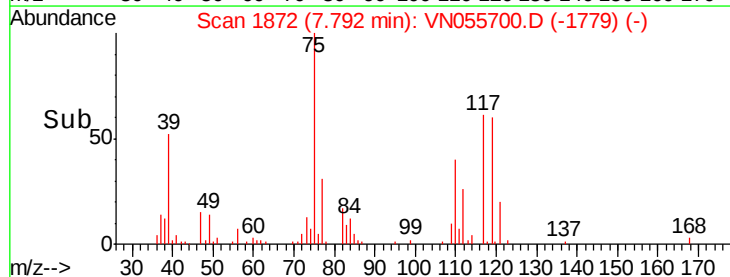
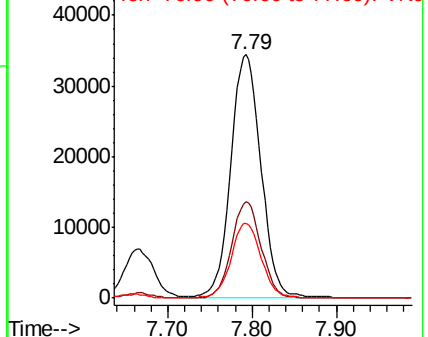
75 100

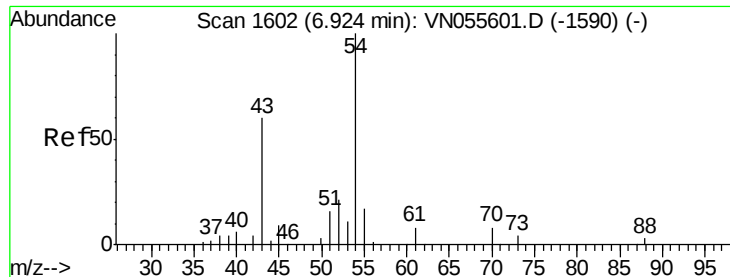
110 38.3 18.6 55.6

77 30.6 24.9 37.3



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

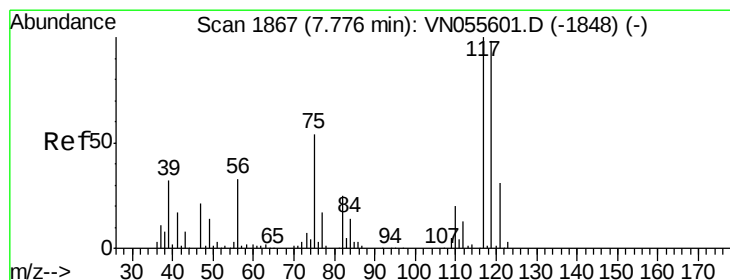
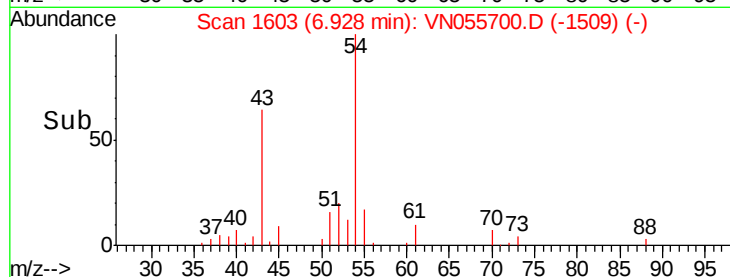
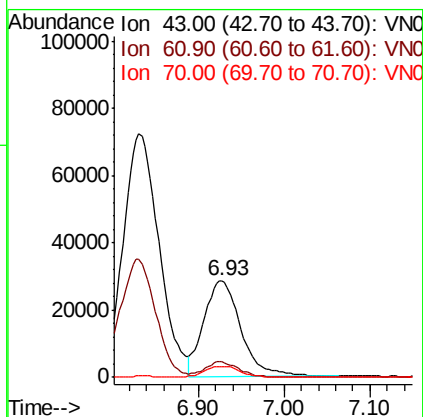
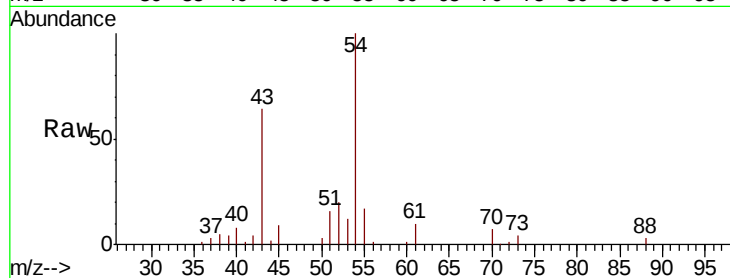




#37
Ethyl Acetate
Concen: 23.701 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

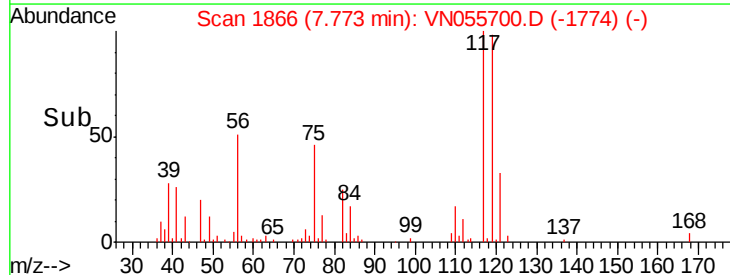
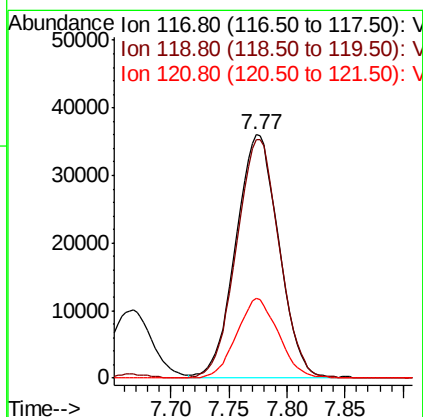
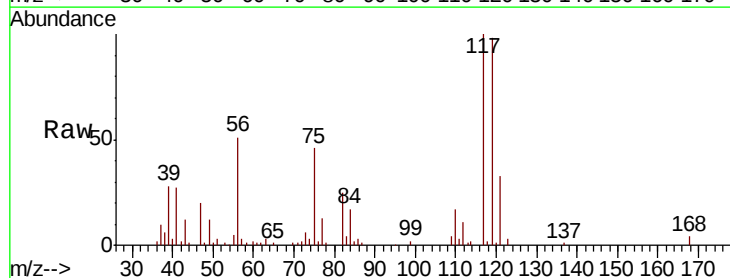
Instrument :
MSVOA_N
ClientSampled :

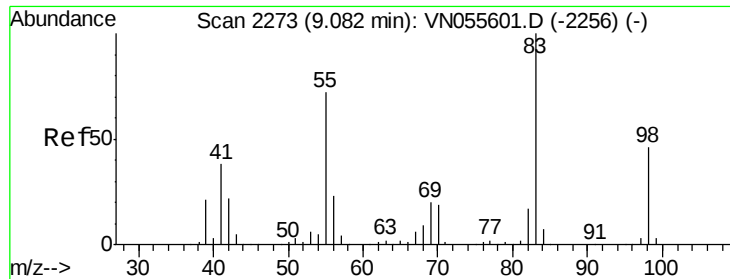
Tot Ion: 43 Resp: 84682
Ion Ratio Lower Upper
43 100
61 15.2 11.4 17.0
70 5.7 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 21.800 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion: 117 Resp: 92236
Ion Ratio Lower Upper
117 100
119 98.4 77.8 116.8
121 33.2 24.6 37.0

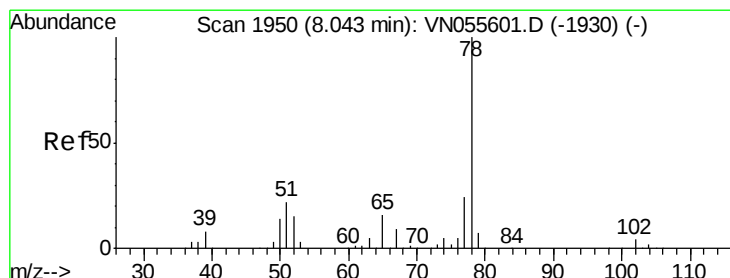
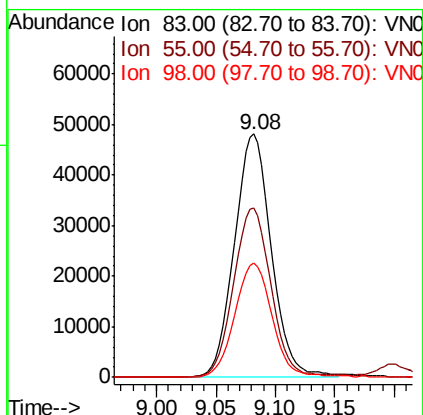
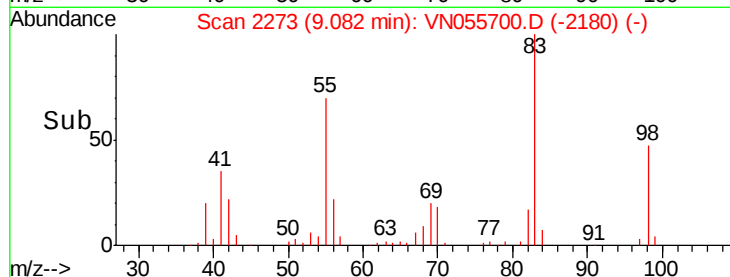
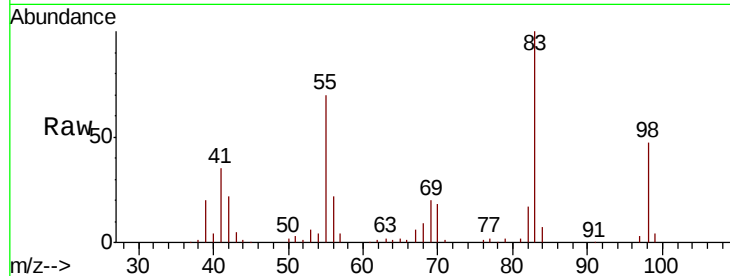




#39
Methvlcvclohexane
Concen: 21.760 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

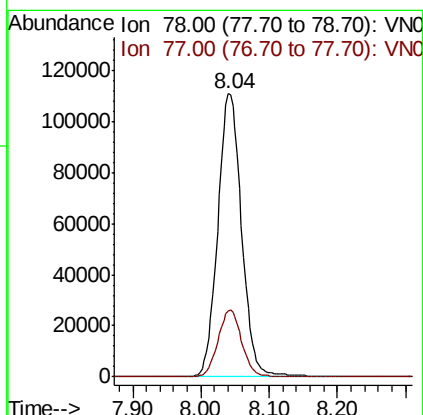
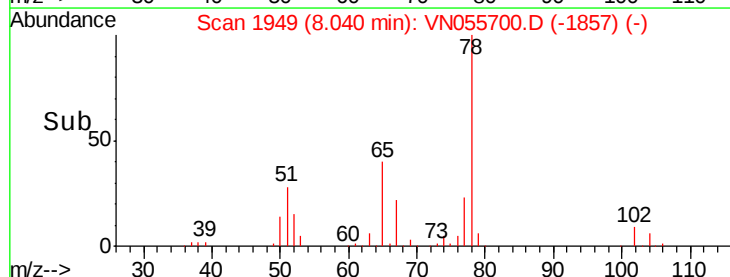
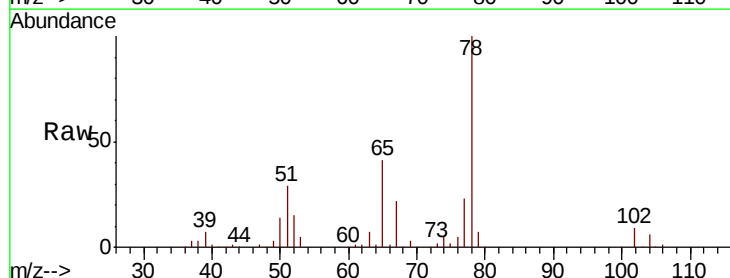
Instrument :
MSVOA_N
ClientSampled :

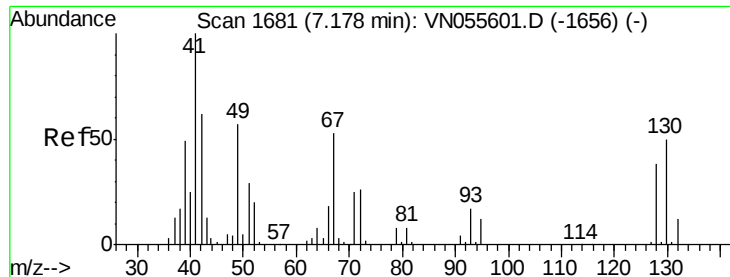
Tot Ion: 83 Resp: 103862
Ion Ratio Lower Upper
83 100
55 69.7 57.8 86.6
98 46.8 36.7 55.1



#40
Benzene
Concen: 23.075 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion: 78 Resp: 268729
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3





#41

Methacrylonitrile

Concen: 79.302 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.03 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 121137

Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

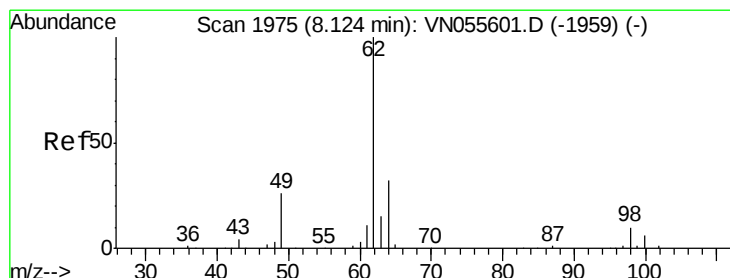
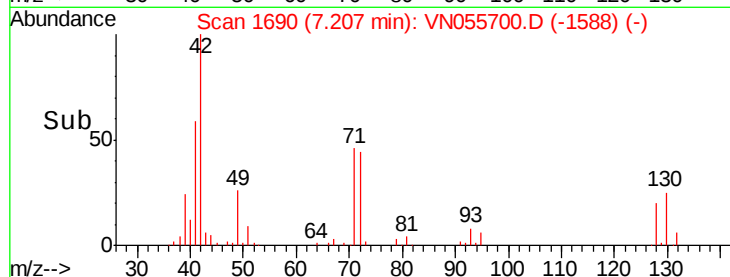
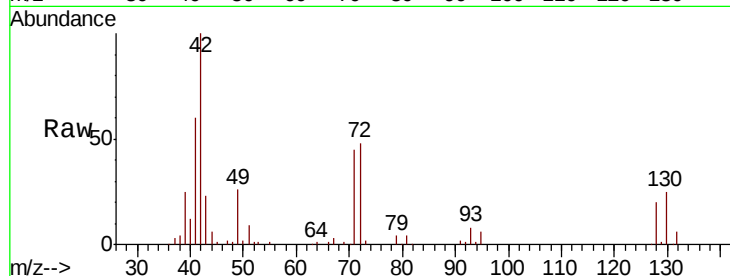
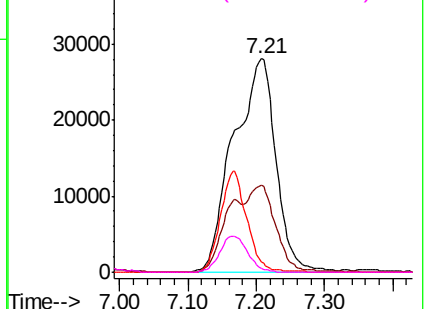
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 23.363 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

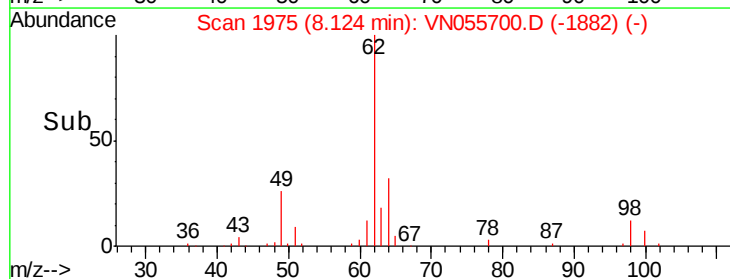
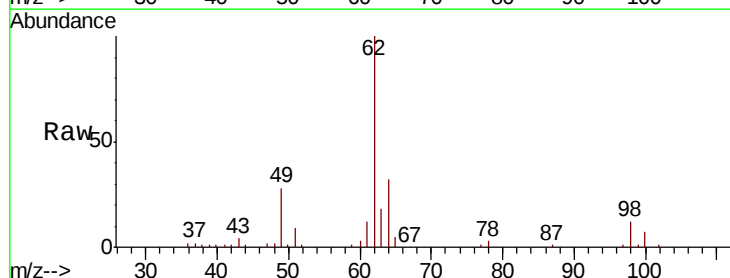
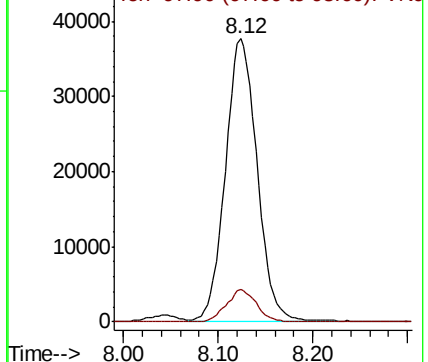
Tgt Ion: 62 Resp: 88104

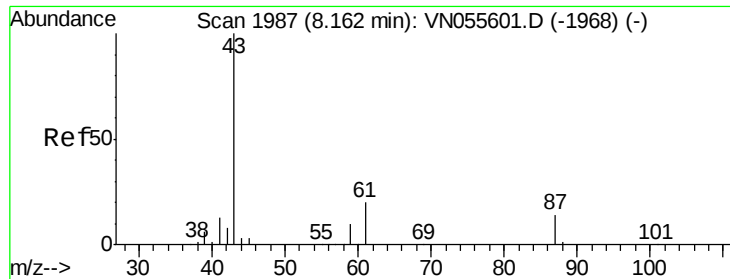
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.2

Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



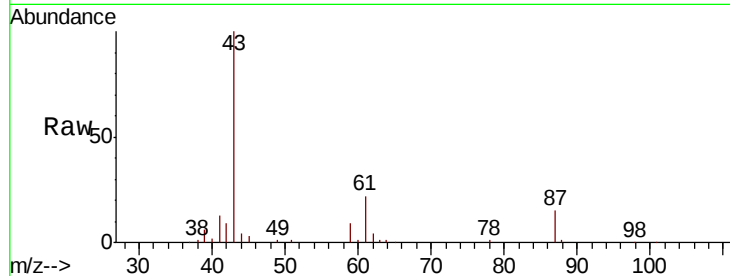


#43

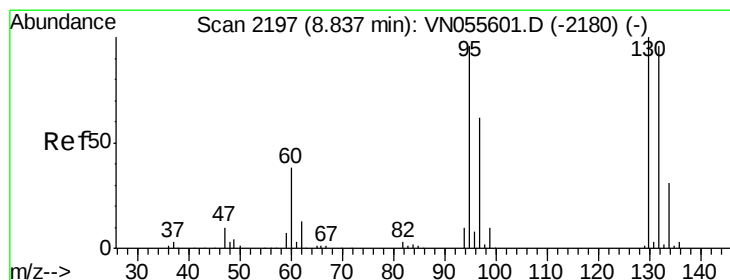
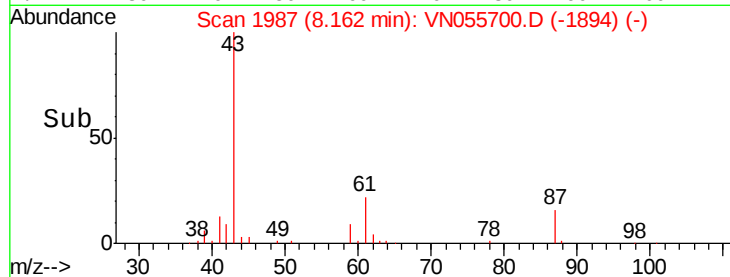
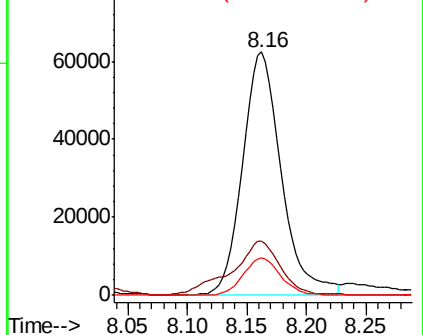
Isopropyl Acetate
 Concen: 22.551 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	43	61	87
Resp	140155		
Ratio	100	27.8	14.9
Lower		22.1	11.8
Upper		33.1	17.6



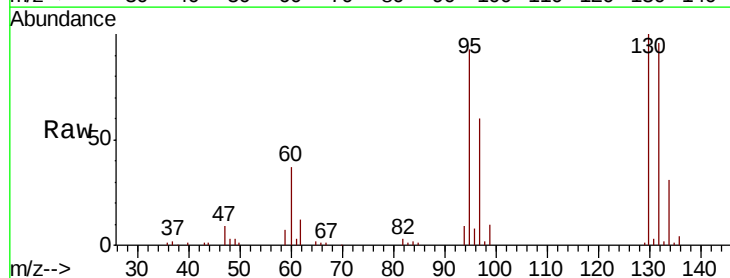
Abundance Ion 43.00 (42.70 to 43.70): VN055700.D (-1894) (-)
 Ion 61.00 (60.70 to 61.70): VN055700.D (-1894) (-)
 Ion 87.00 (86.70 to 87.70): VN055700.D (-1894) (-)



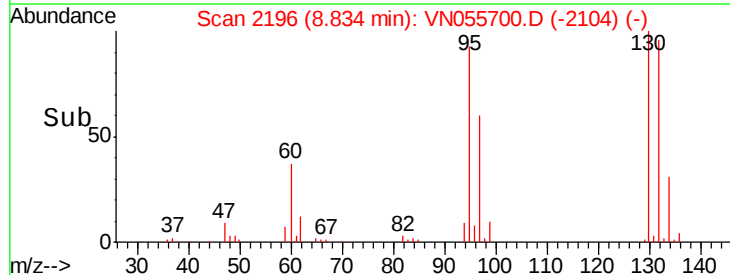
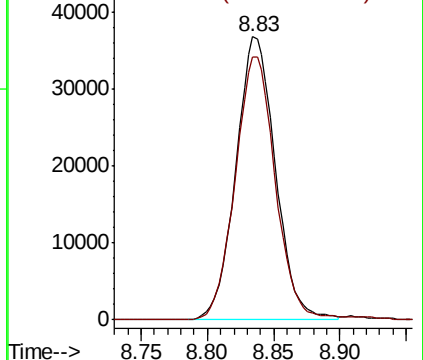
#44

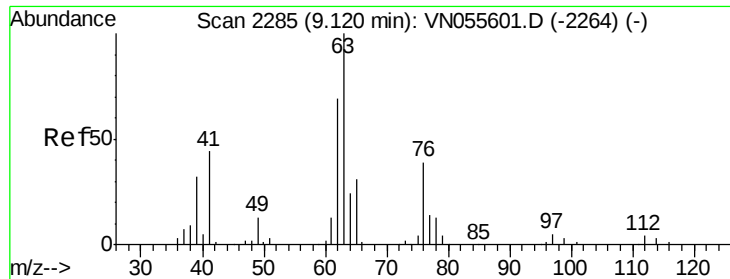
Trichloroethene
 Concen: 23.289 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Tgt Ion	130	95
Resp	76531	
Ratio	100	92.7
Lower		0.0
Upper		191.0



Abundance Ion 129.80 (129.50 to 130.50): VN055700.D (-2104) (-)
 Ion 94.90 (94.60 to 95.60): VN055700.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 22.790 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

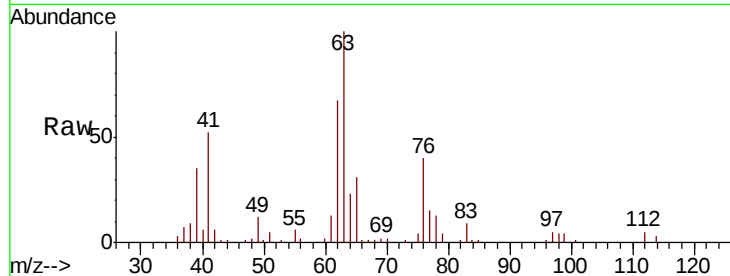
ClientSampleId :

Tot Ion: 63 Resp: 69919

Ion Ratio Lower Upper

63 100

65 31.0 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN055700.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN055700.D (-2192) (-)

9.12

30000

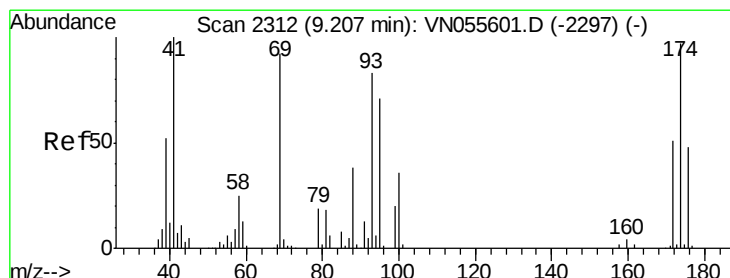
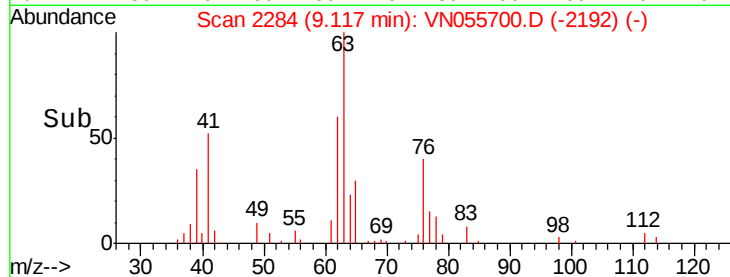
20000

10000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 23.497 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

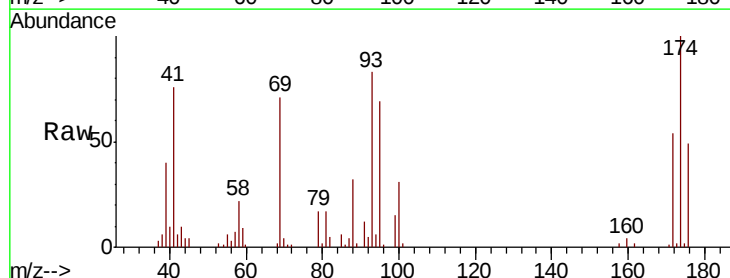
Tgt Ion: 93 Resp: 47182

Ion Ratio Lower Upper

93 100

95 84.9 67.9 101.9

174 123.4 93.8 140.6



Abundance Ion 92.80 (92.50 to 93.50): VN055700.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN055700.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN055700.D (-2219) (-)

9.21

30000

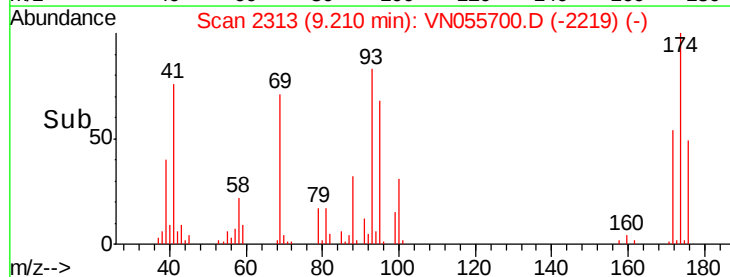
20000

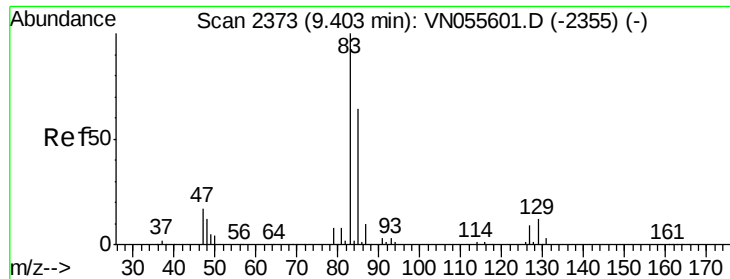
10000

0

Time-->

9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 22.799 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

ClientSampled :

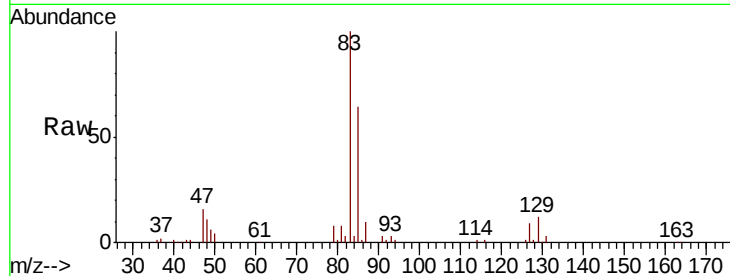
Tot Ion: 83 Resp: 95949

Ion Ratio Lower Upper

83 100

85 63.6 51.4 77.0

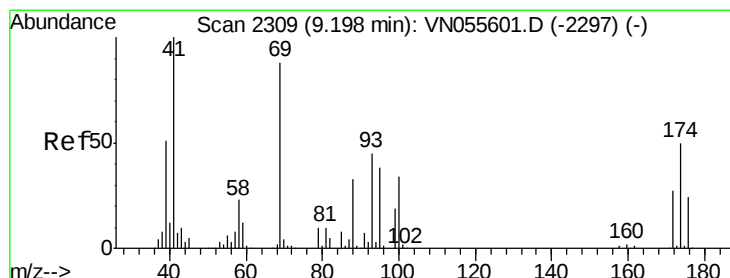
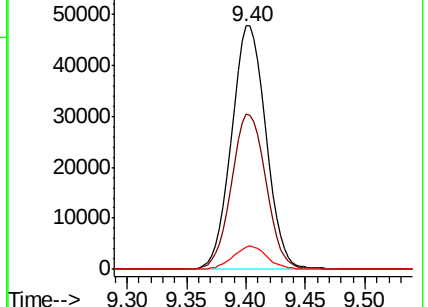
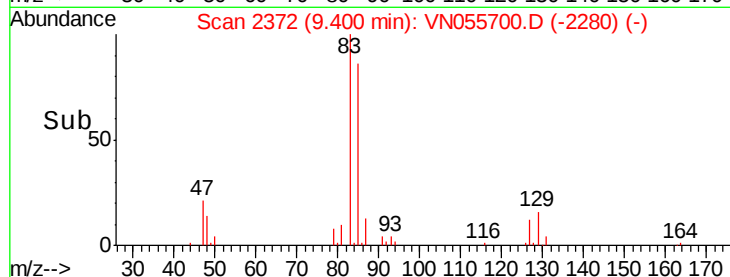
127 9.2 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN055700.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055700.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055700.D (-2280) (-)



#48

Methyl methacrylate

Concen: 21.864 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

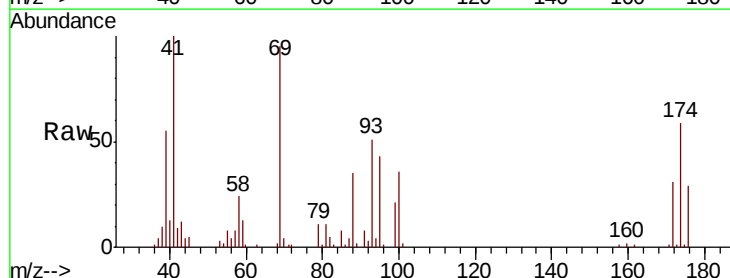
Tgt Ion: 41 Resp: 60735

Ion Ratio Lower Upper

41 100

69 100.9 74.2 111.2

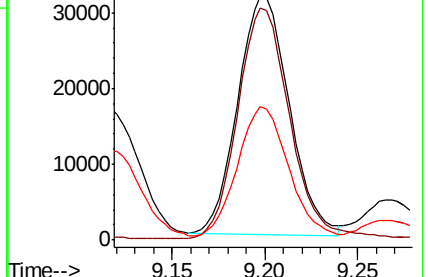
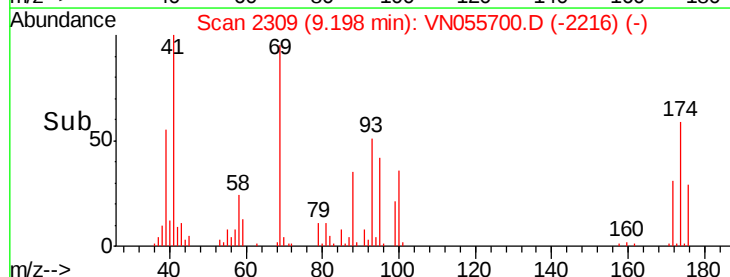
39 57.0 43.8 65.8

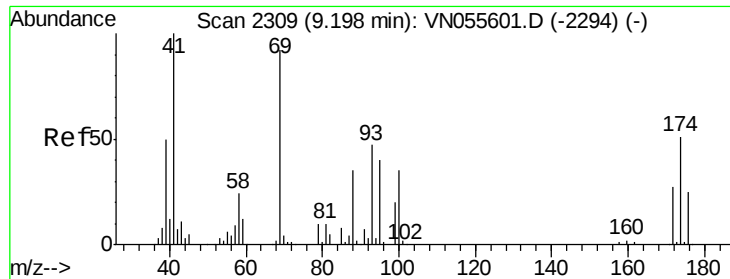


Abundance Ion 41.00 (40.70 to 41.70): VN055700.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN055700.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN055700.D (-2216) (-)

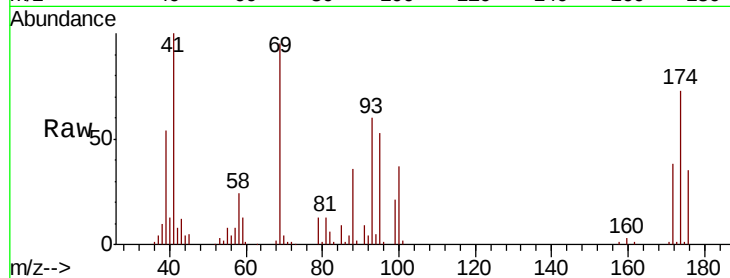




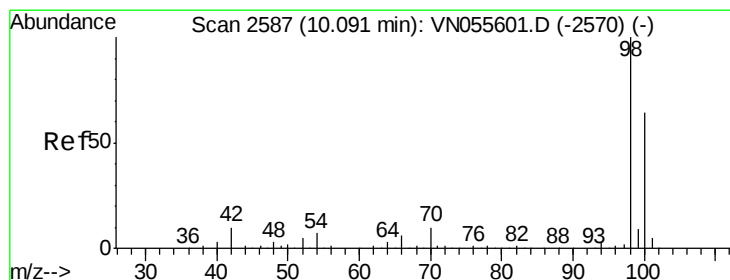
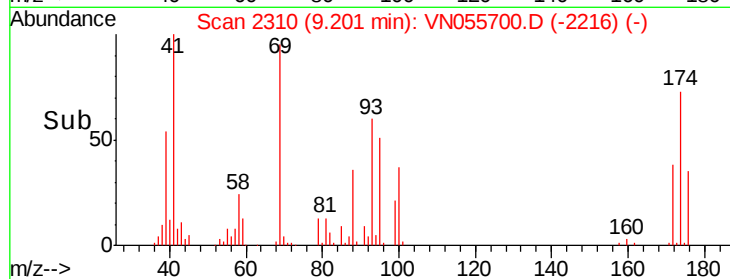
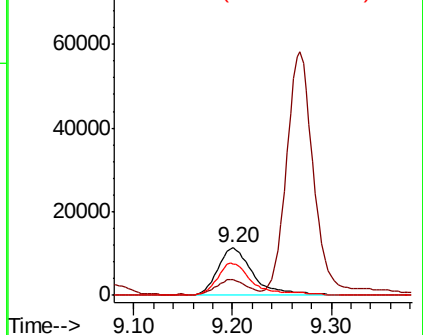
#49
 1,4-Dioxane
 Concen: 521.786 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 28802
 Ion Ratio Lower Upper
 88 100
 43 26.5 22.4 33.6
 58 67.6 53.4 80.2

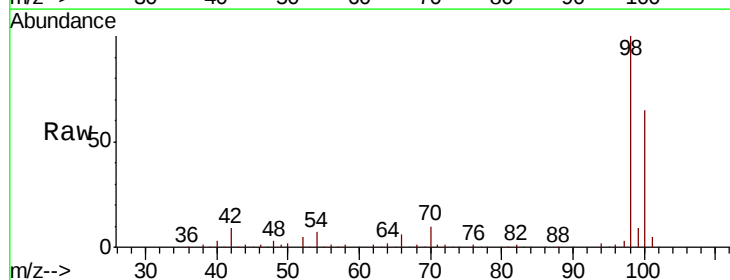


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

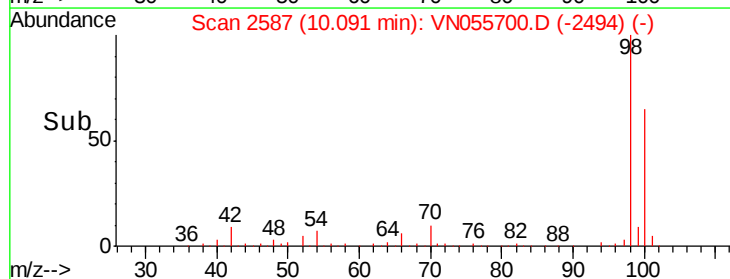
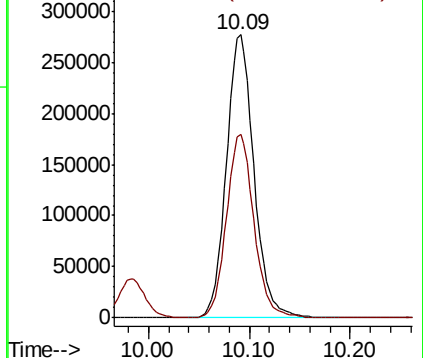


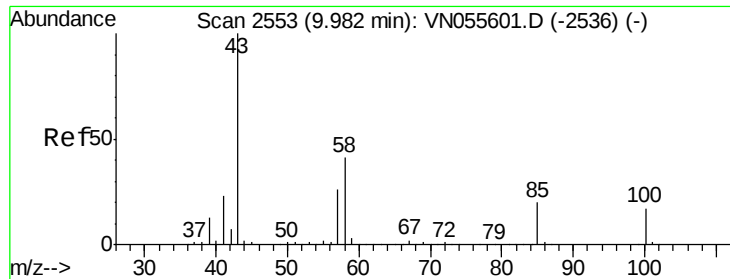
#50
 Toluene-d8
 Concen: 49.491 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Tgt Ion: 98 Resp: 527922
 Ion Ratio Lower Upper
 98 100
 100 64.9 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: 112.061 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

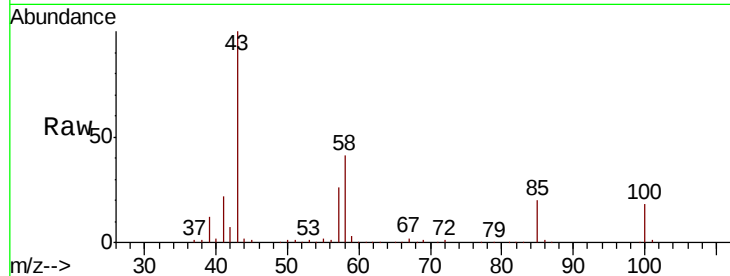
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 408529

Ion Ratio Lower Upper

43 100

58 41.4 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)

9.98

250000

200000

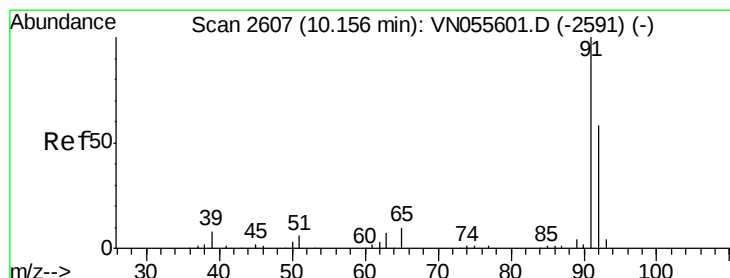
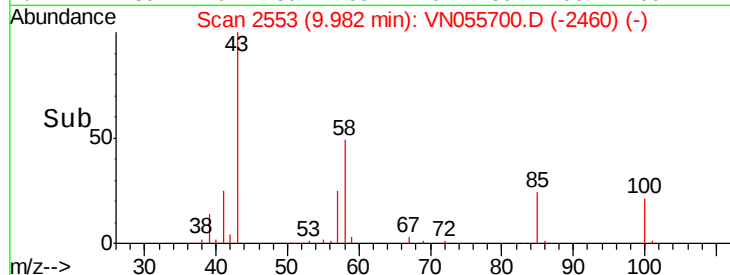
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.955 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055700.D

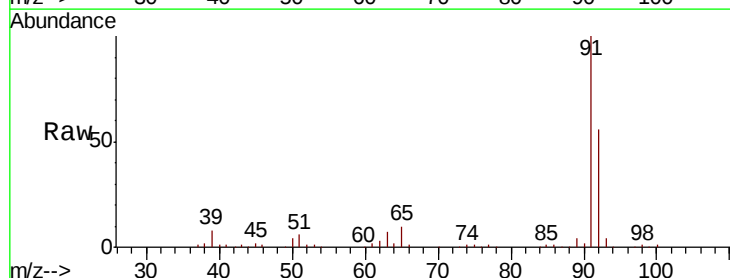
Acq: 21 May 2019 11:30

Tgt Ion: 92 Resp: 167677

Ion Ratio Lower Upper

92 100

91 175.4 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055601.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055601.D (-2591) (-)

10.16

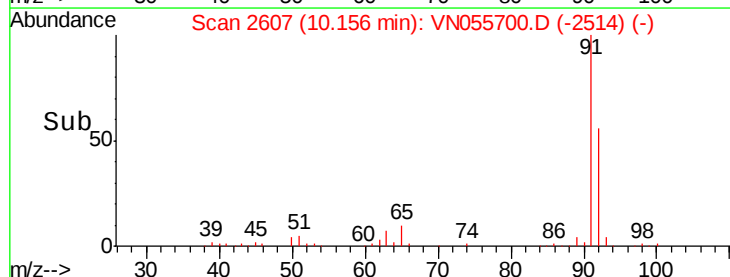
150000

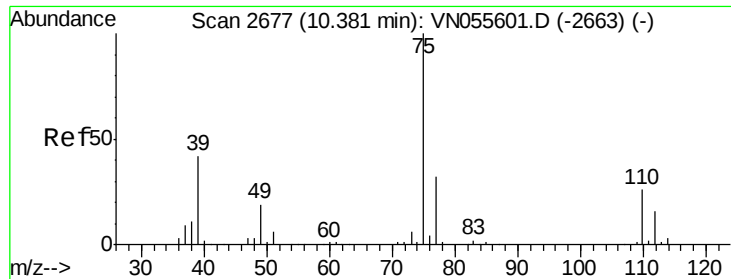
100000

50000

0

Time-->

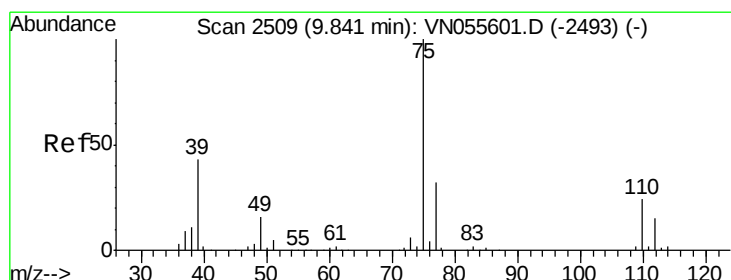
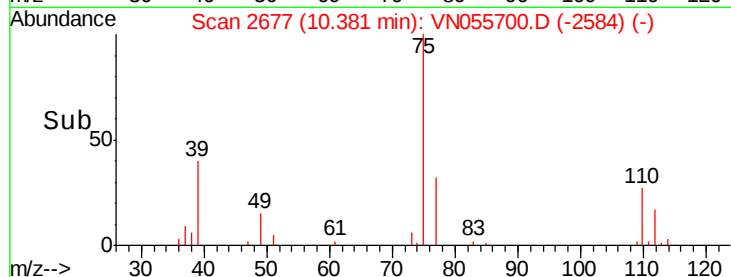
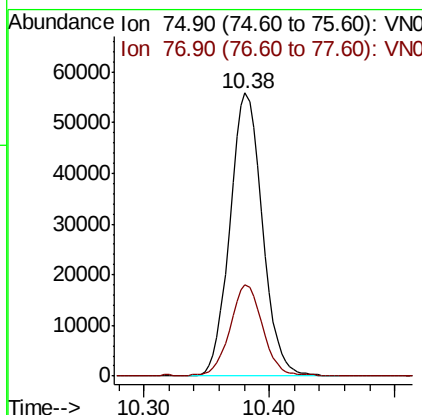
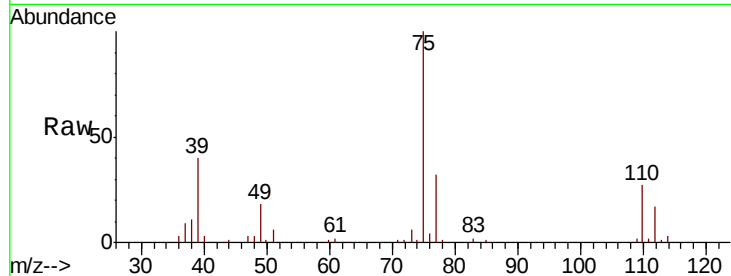




#53
t-1,3-Dichloropropene
Concen: 22.190 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

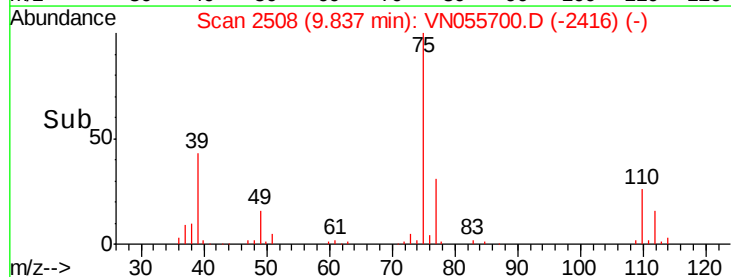
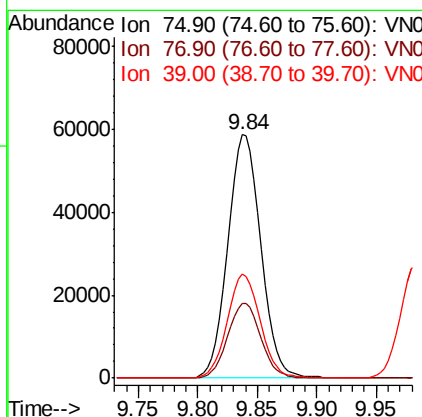
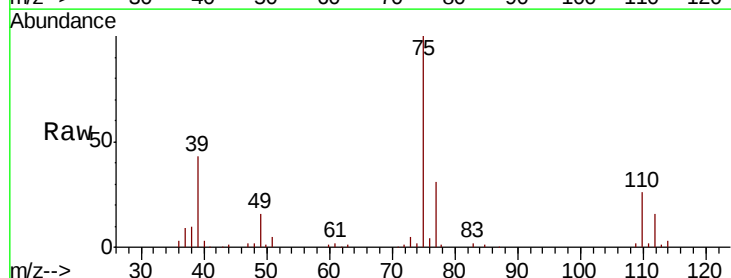
Instrument :
MSVOA_N
ClientSampleId :

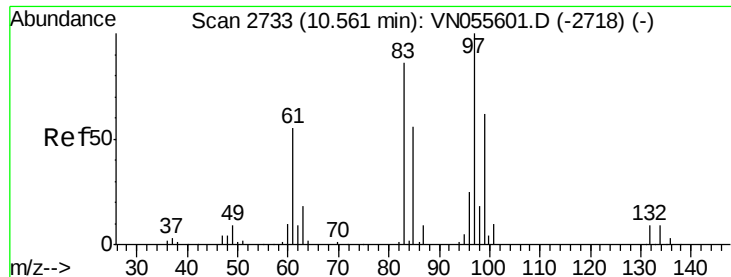
Tot Ion: 75 Resp: 100509
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 22.739 ug/l
RT: 9.84 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion: 75 Resp: 112836
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5
39 42.6 34.7 52.1

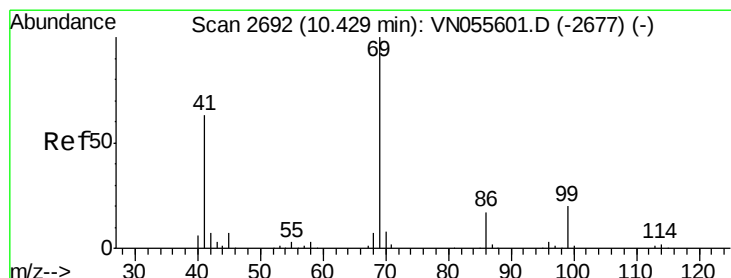
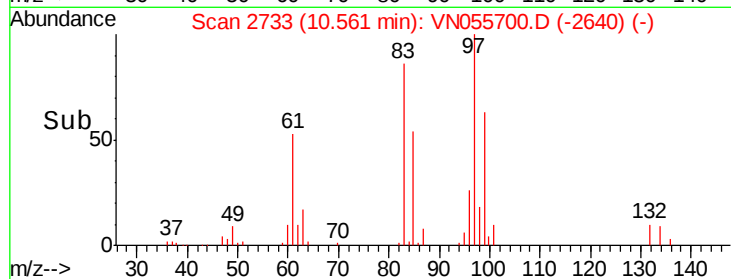
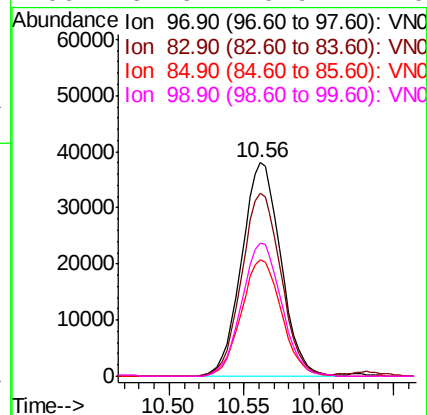
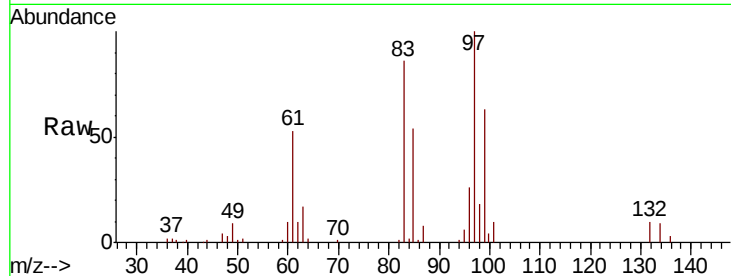




#55
1,1,2-Trichloroethane
Concen: 23.065 ug/l
RT: 10.56 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

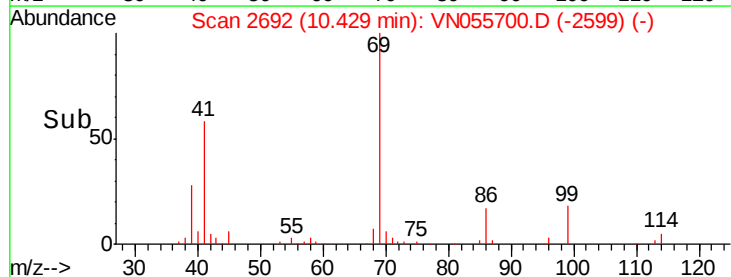
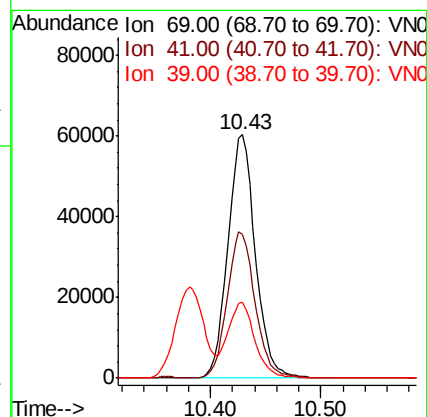
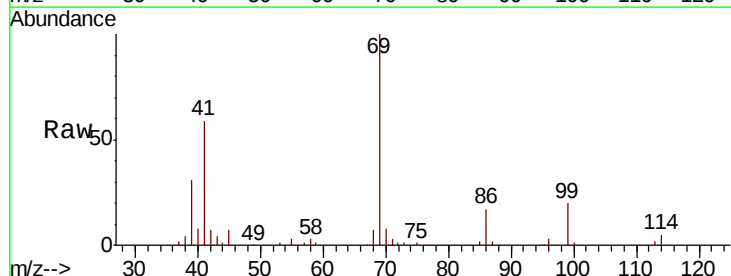
Instrument :
MSVOA_N
ClientSampled :

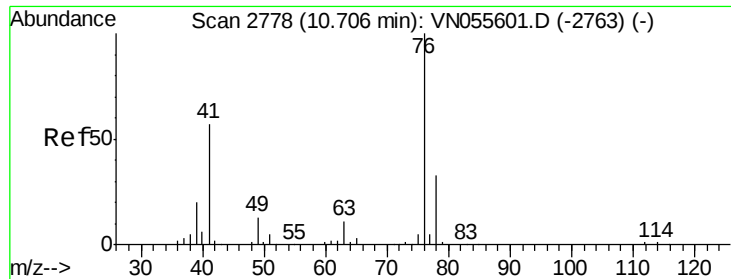
Tot Ion:	97	Resp:	69360
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.4	102.6
85	54.4	44.8	67.2
99	62.6	49.9	74.9



#56
Ethyl methacrylate
Concen: 22.232 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion:	69	Resp:	104363
Ion	Ratio	Lower	Upper
69	100		
41	59.9	50.3	75.5
39	30.7	25.4	38.2

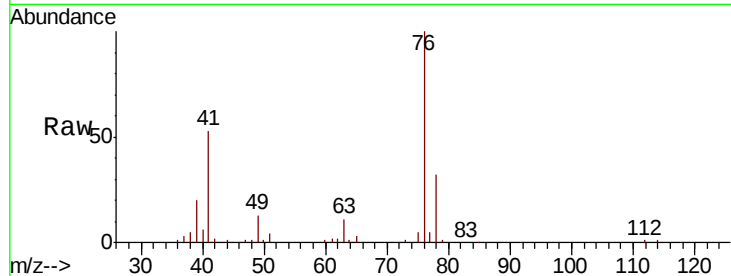




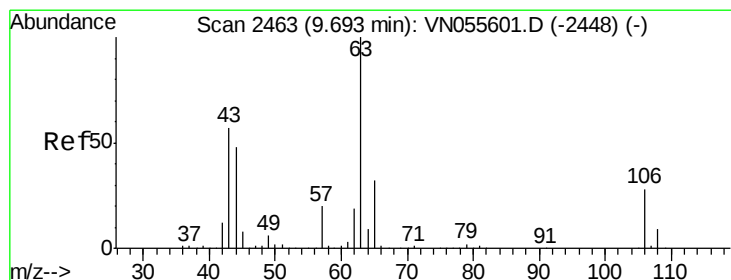
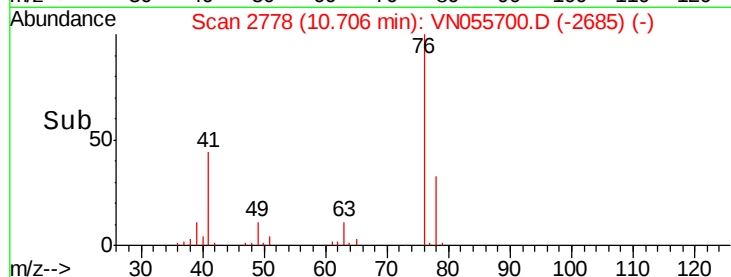
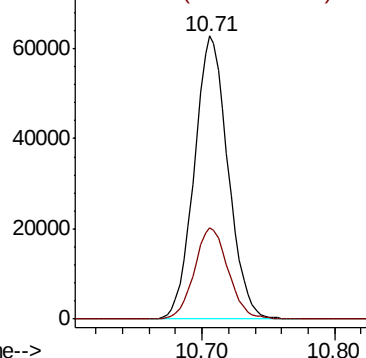
#57
 1,3-Dichloropropane
 Concen: 23.218 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 76 Resp: 110581
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.5 39.7

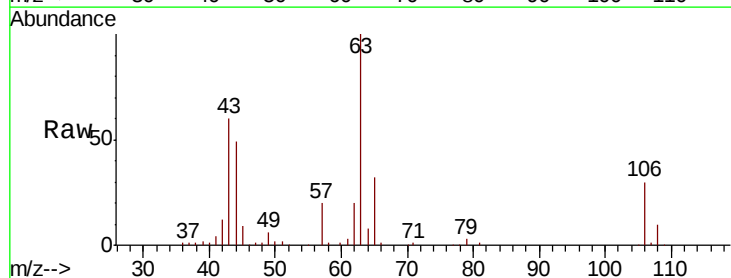


Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

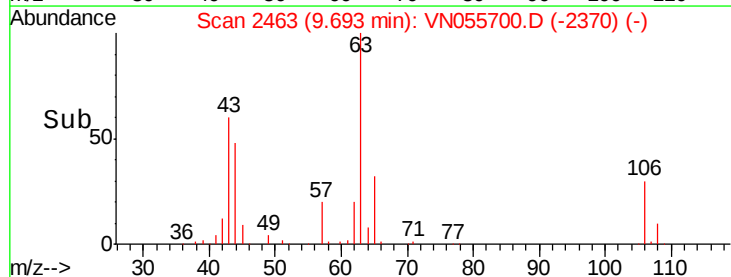
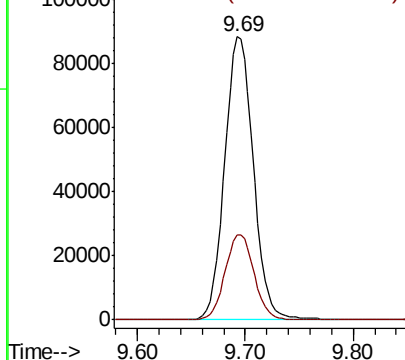


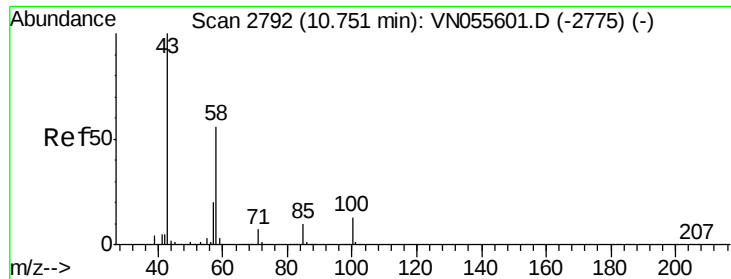
#58
 2-Chloroethyl Vinyl ether
 Concen: 81.796 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Tgt Ion: 63 Resp: 163147
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V

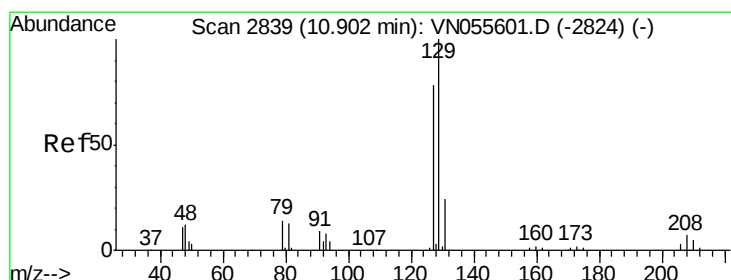
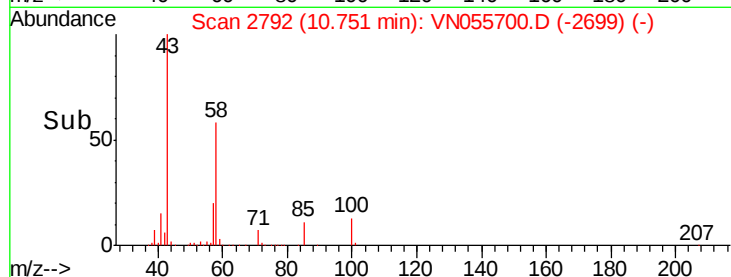
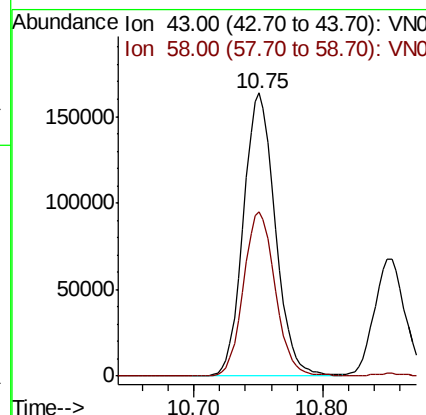
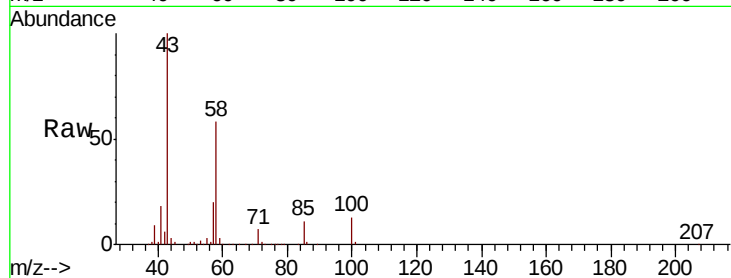




#59
2-Hexanone
Concen: 109.221 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

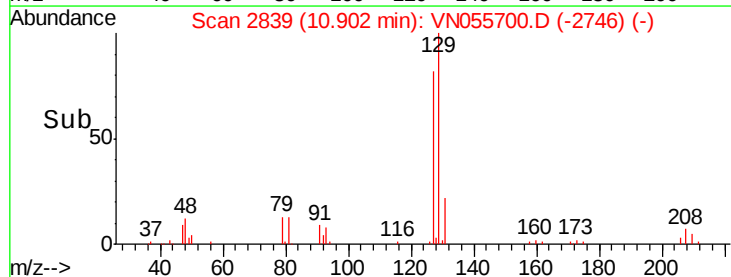
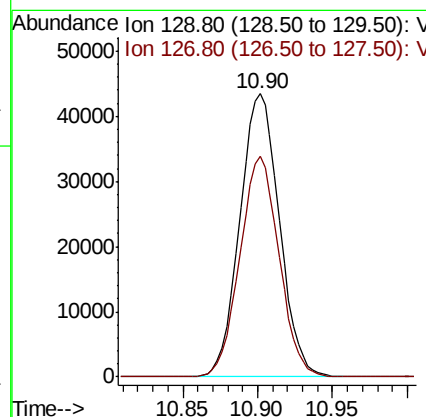
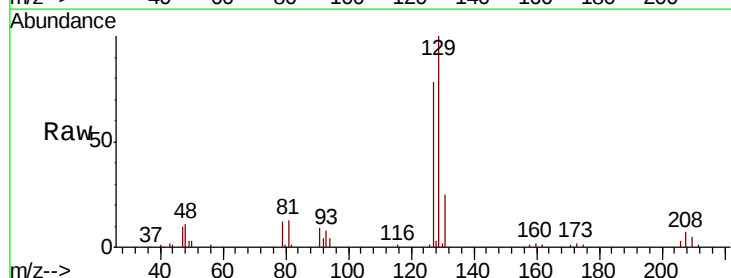
Instrument :
MSVOA_N
ClientSampleId :

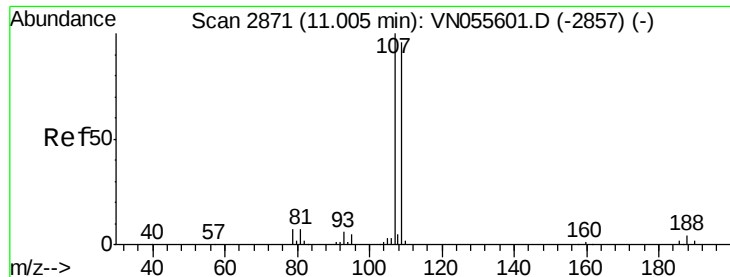
Tot Ion: 43 Resp: 280338
Ion Ratio Lower Upper
43 100
58 57.9 28.1 84.4



#60
Dibromochloromethane
Concen: 23.445 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion: 129 Resp: 79905
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 23.658 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

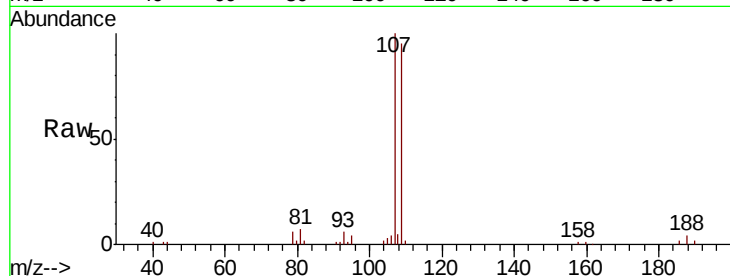
ClientSampleId :

Tot Ion:107 Resp: 71183

Ion Ratio Lower Upper

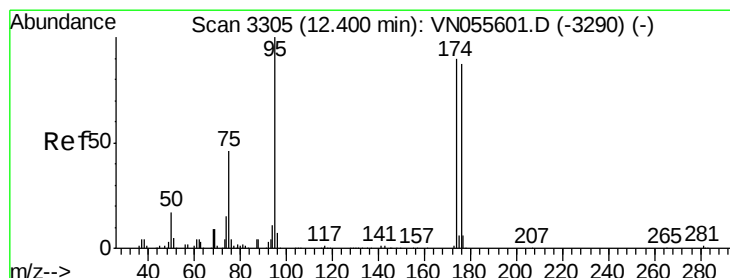
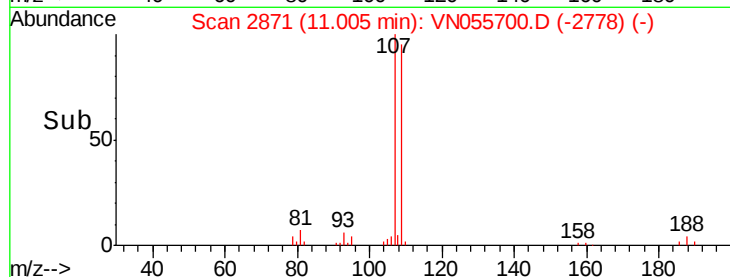
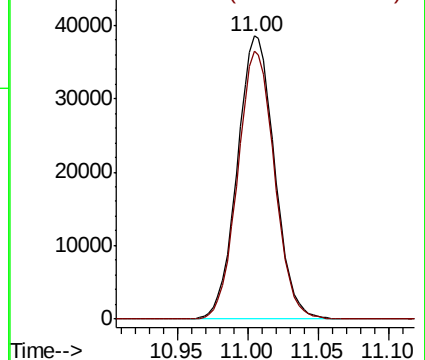
107 100

109 93.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.164 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

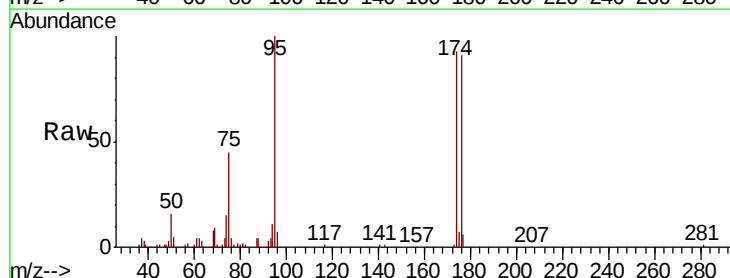
Tgt Ion: 95 Resp: 173728

Ion Ratio Lower Upper

95 100

174 94.9 0.0 180.6

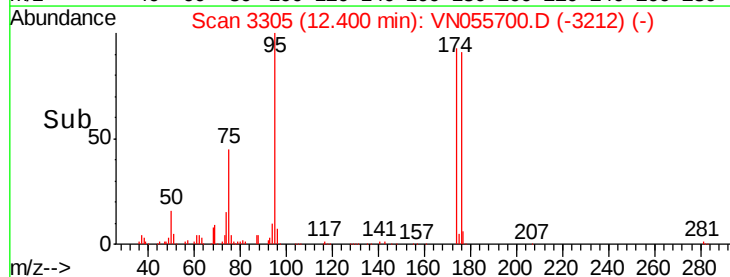
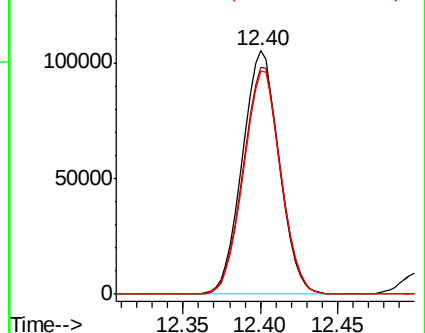
176 92.8 0.0 177.4

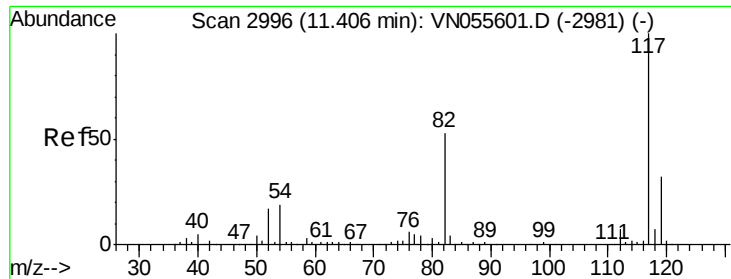


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

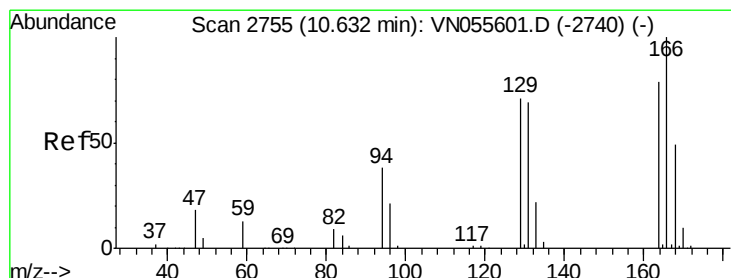
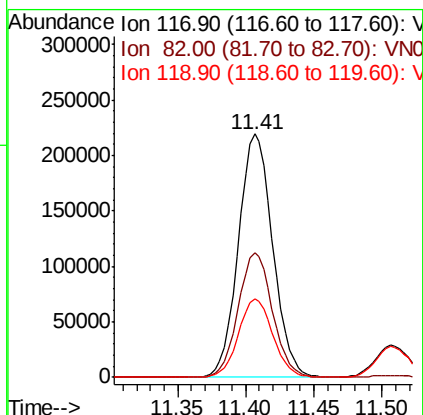
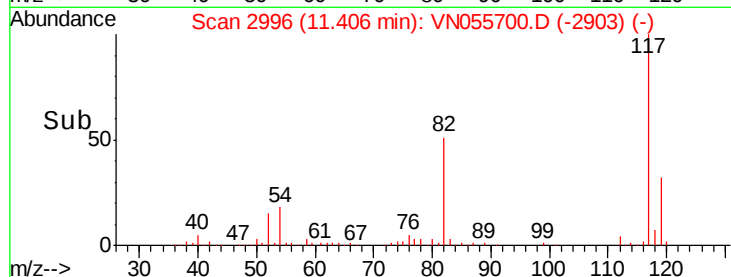
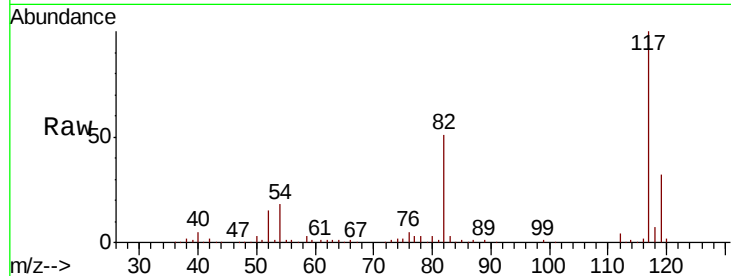




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

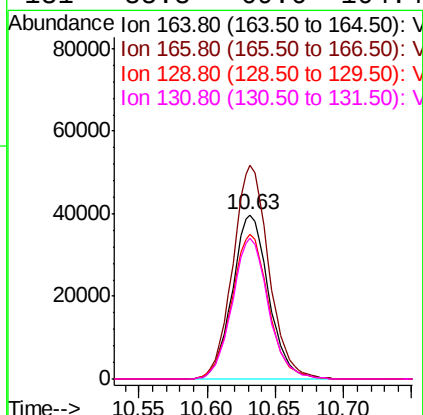
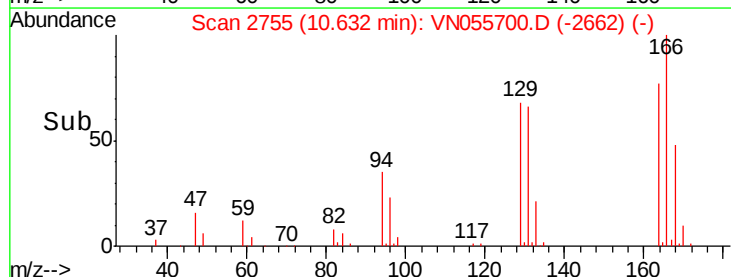
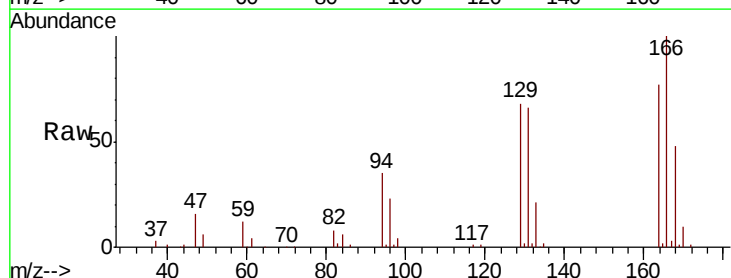
Instrument :
MSVOA_N
ClientSampled :

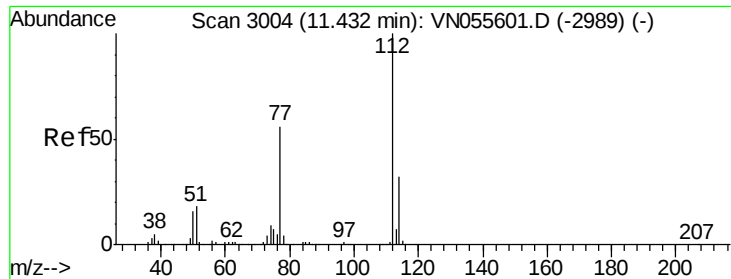
Tot Ion:117 Resp: 383316
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 24.190 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion:164 Resp: 73134
Ion Ratio Lower Upper
164 100
166 130.3 101.0 151.6
129 88.1 71.7 107.5
131 85.8 69.6 104.4

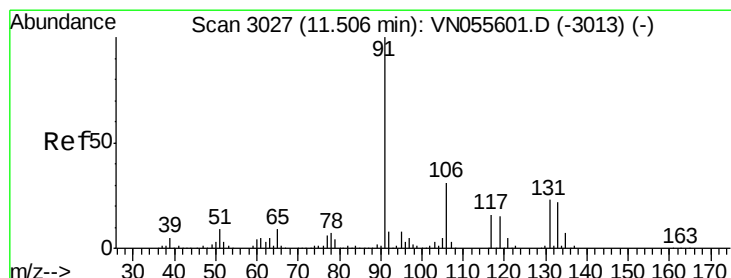
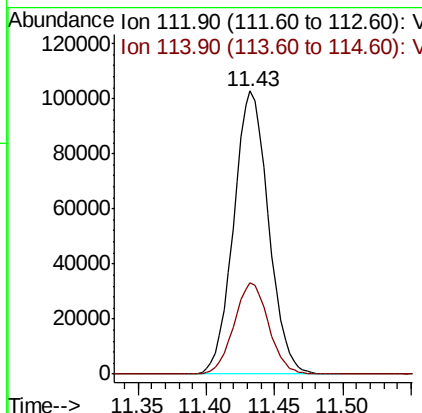
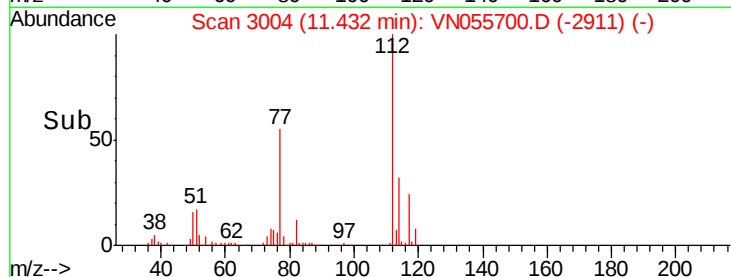
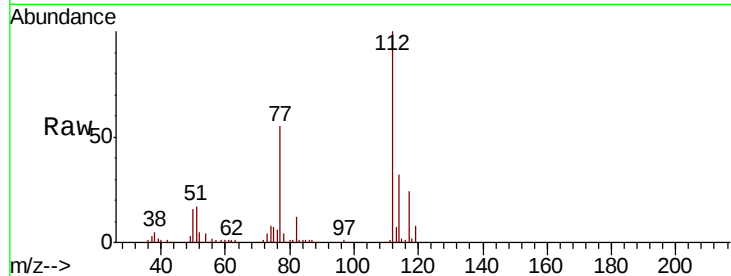




#65
Chlorobenzene
Concen: 23.490 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

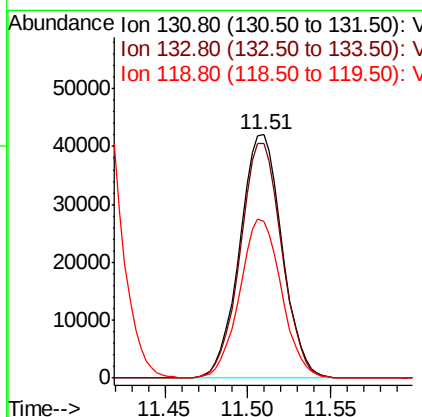
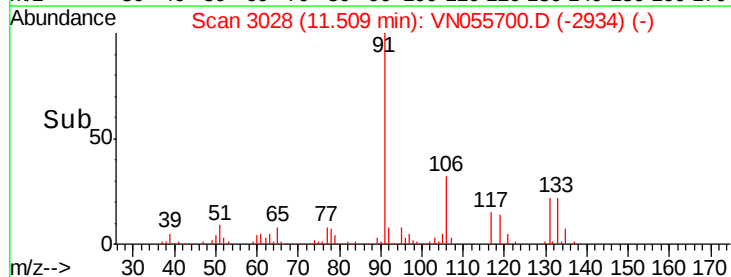
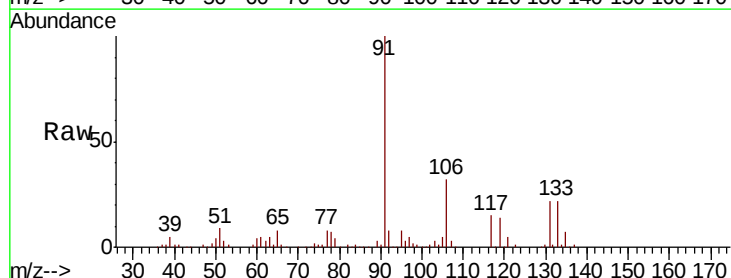
Instrument :
MSVOA_N
ClientSampled :

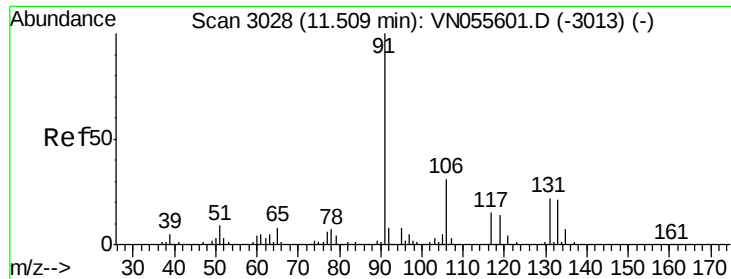
Tot Ion:112 Resp: 182117
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 23.897 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion:131 Resp: 74534
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 64.6 33.3 99.8

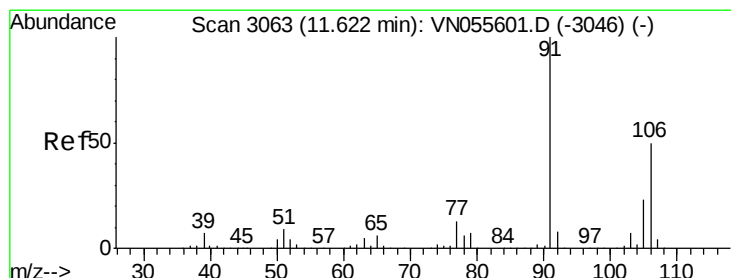
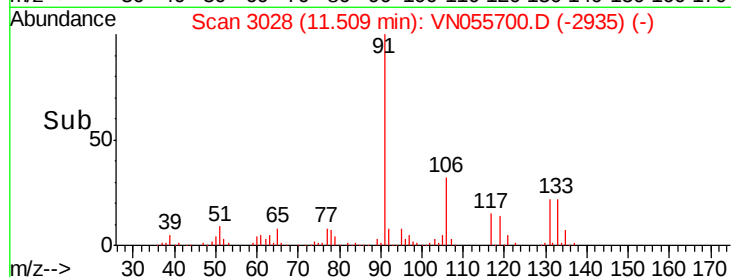
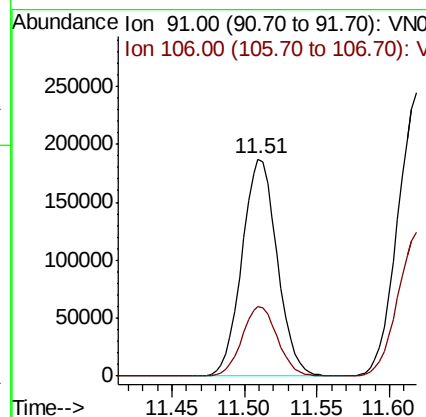
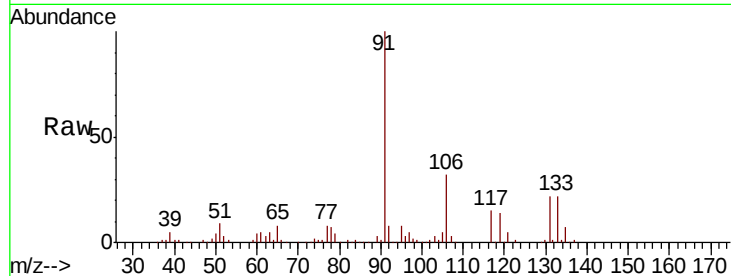




#67
Ethyl Benzene
Concen: 22.908 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

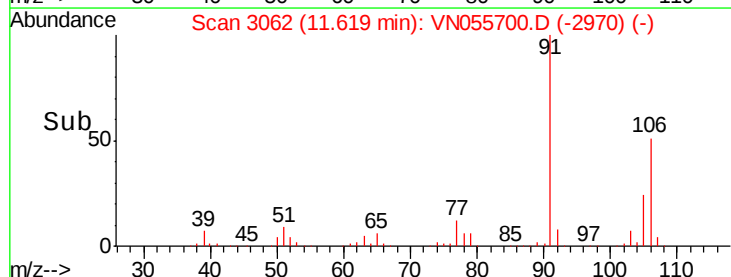
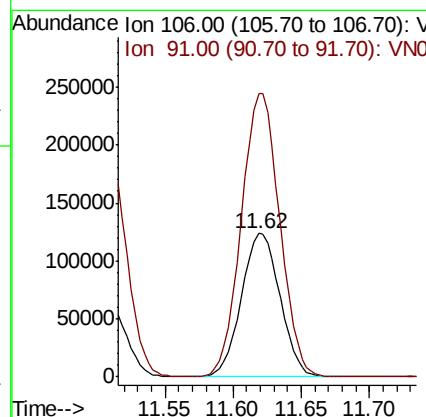
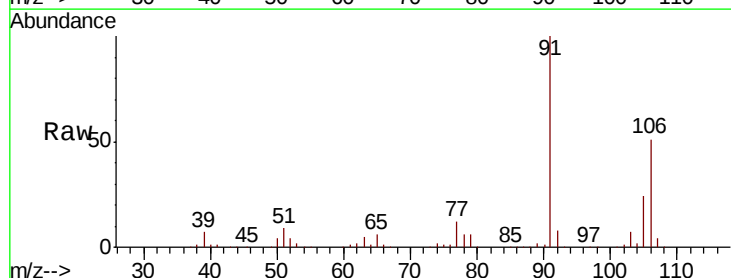
Instrument :
MSVOA_N
ClientSampleId :

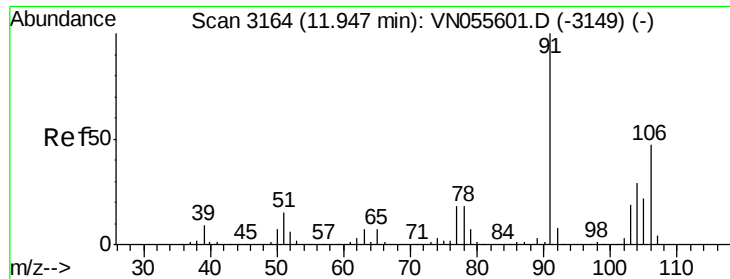
Tot Ion: 91 Resp: 316393
Ion Ratio Lower Upper
91 100
106 32.1 25.2 37.8



#68
m/p-Xylenes
Concen: 46.544 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion: 106 Resp: 242761
Ion Ratio Lower Upper
106 100
91 197.1 160.5 240.7

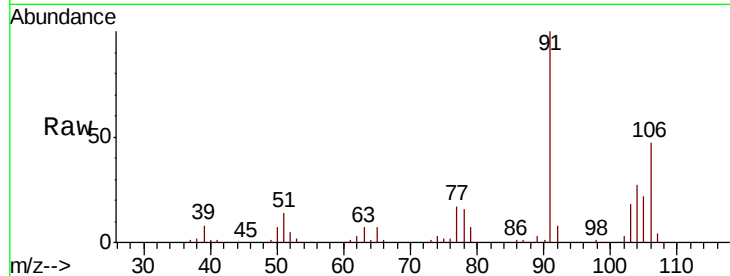




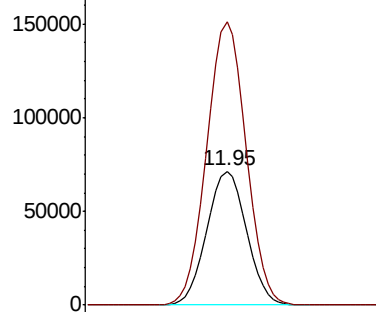
#69
o-Xylene
Concen: 23.617 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Instrument :
MSVOA_N
ClientSampled :

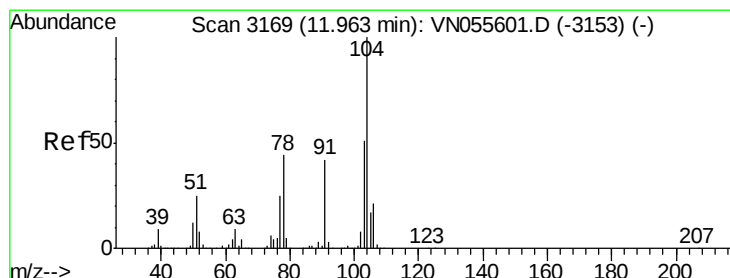
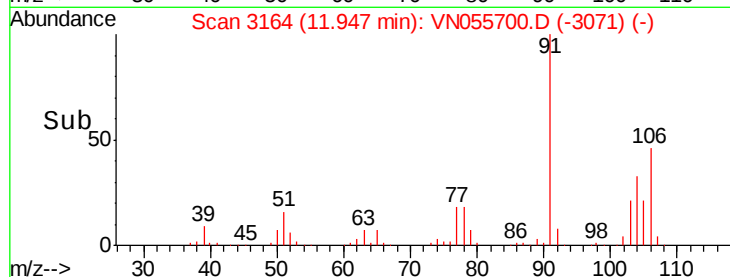
Tot Ion:106 Resp: 120477
Ion Ratio Lower Upper
106 100
91 210.0 106.7 320.2



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

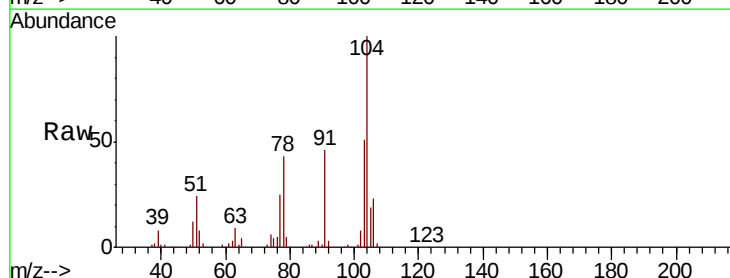


Time-->

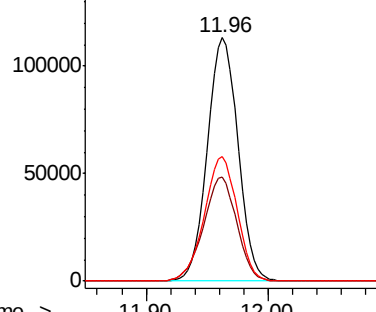


#70
Styrene
Concen: 23.204 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

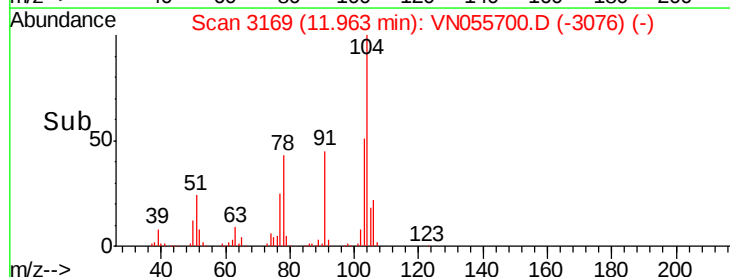
Tgt Ion:104 Resp: 196820
Ion Ratio Lower Upper
104 100
78 46.4 38.6 58.0
103 54.9 44.4 66.6

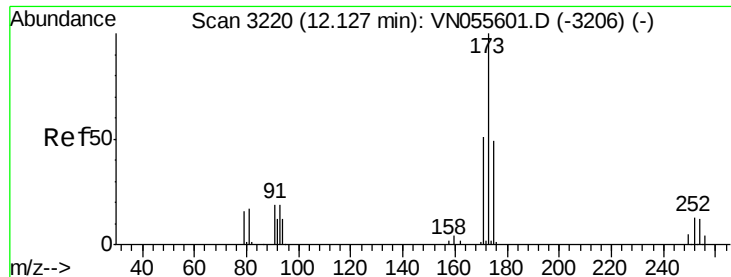


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 23.620 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

ClientSampled :

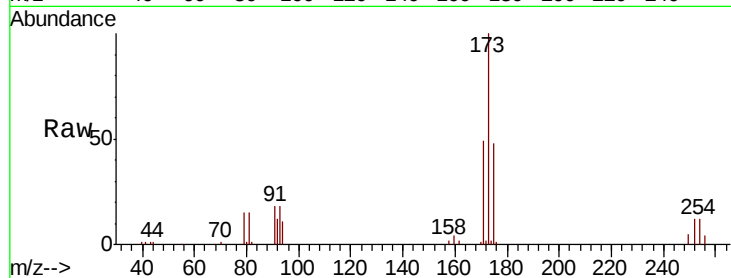
Tot Ion:173 Resp: 62432

Ion Ratio Lower Upper

173 100

175 47.9 24.3 72.9

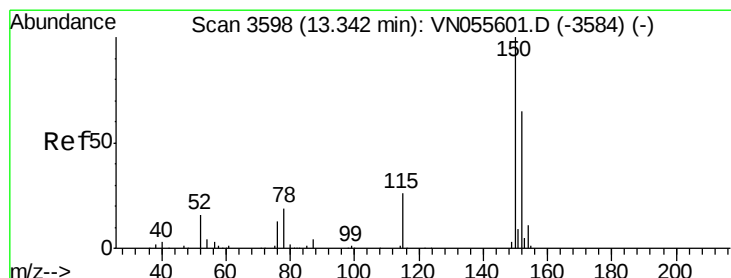
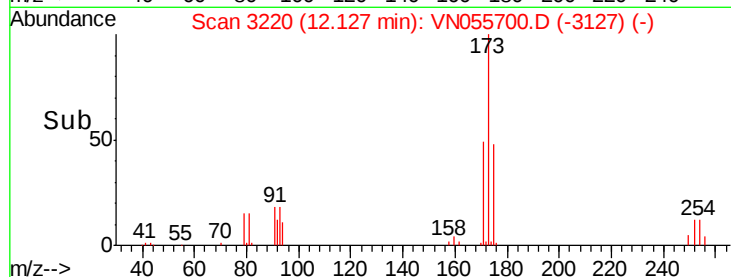
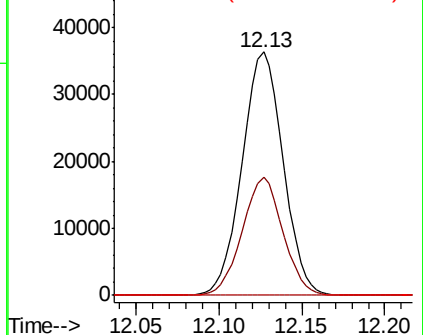
254 0.0 0.1 0.1#



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: VN055700.D

Acq: 21 May 2019 11:30

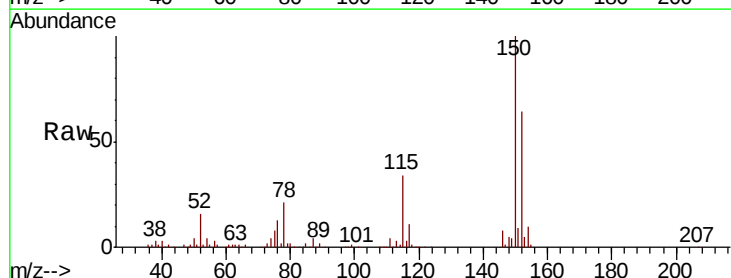
Tgt Ion:152 Resp: 158461

Ion Ratio Lower Upper

152 100

115 54.1 28.1 84.2

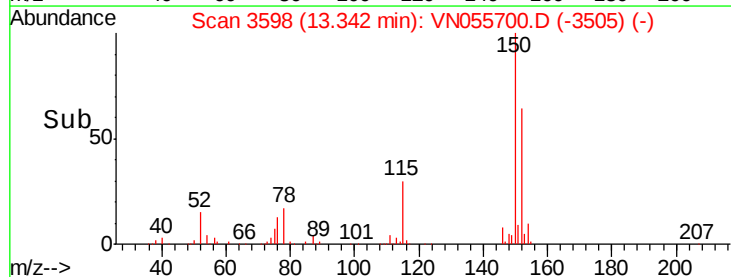
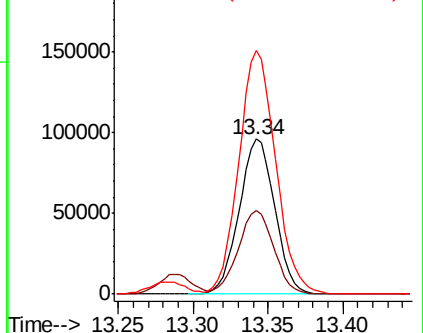
150 163.2 0.0 348.0

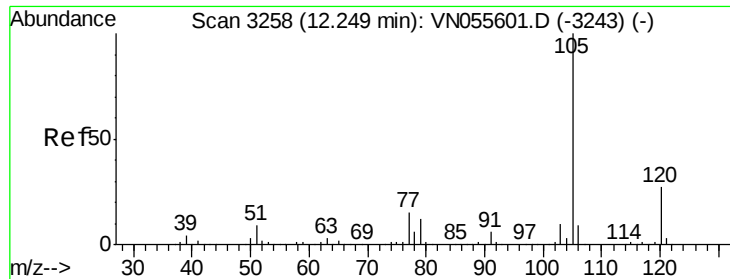


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 27.604 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

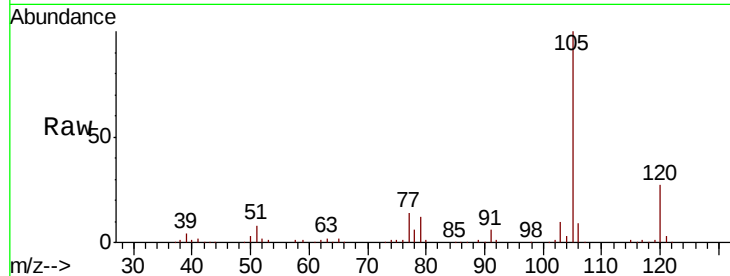
ClientSampleId :

Tot Ion:105 Resp: 318956

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

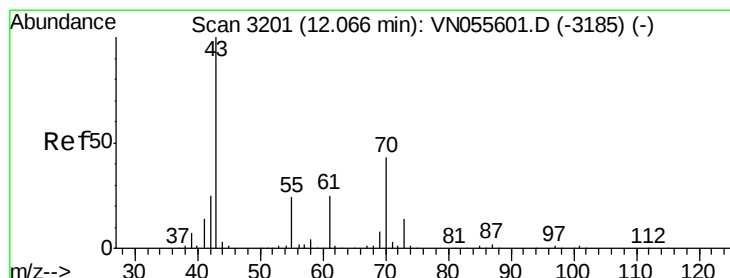
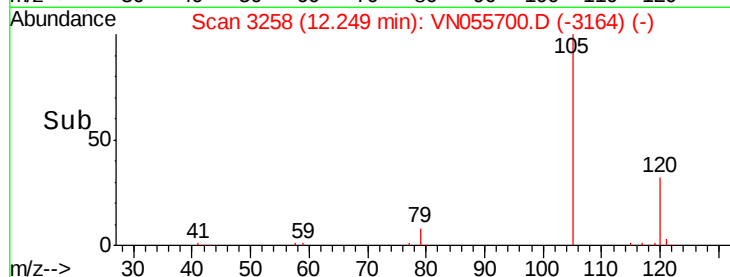
100000

50000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 24.267 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Tgt Ion: 43 Resp: 107975

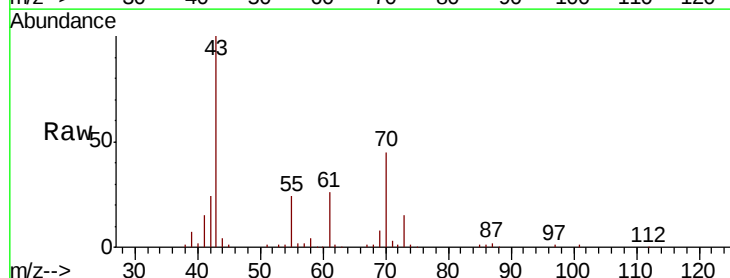
Ion Ratio Lower Upper

43 100

70 44.8 35.0 52.6

55 24.0 18.9 28.3

61 25.8 20.1 30.1



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

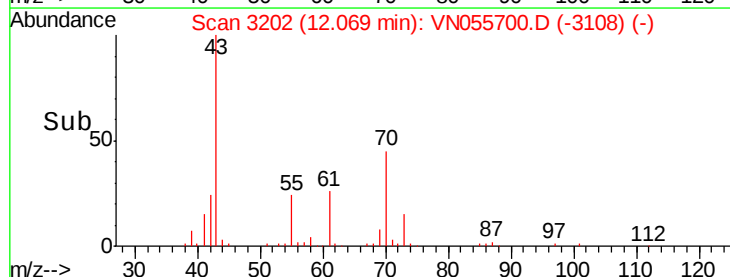
40000

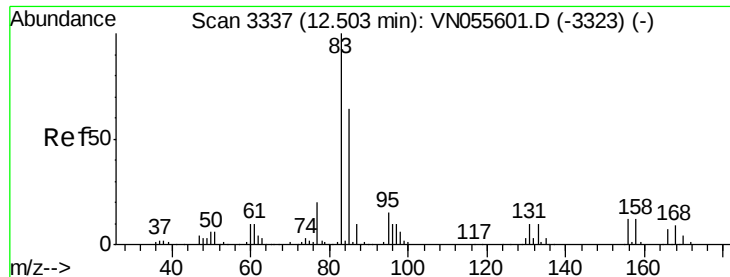
20000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 26.497 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

ClientSampleId :

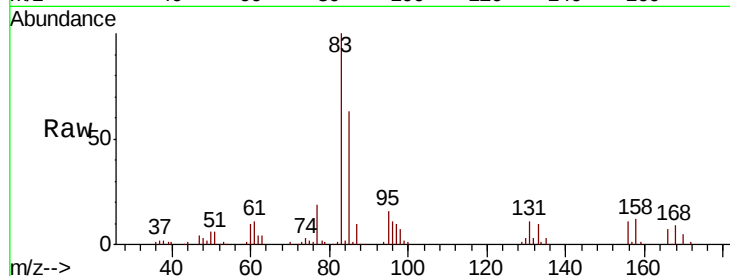
Tot Ion: 83 Resp: 95389

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

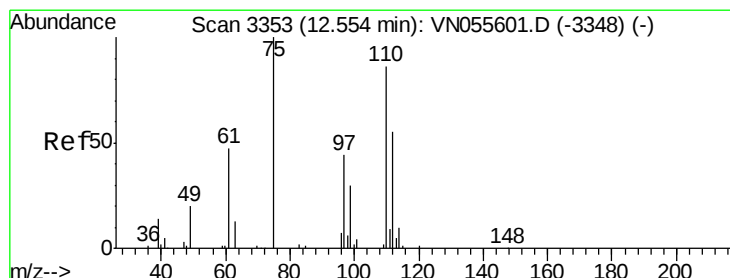
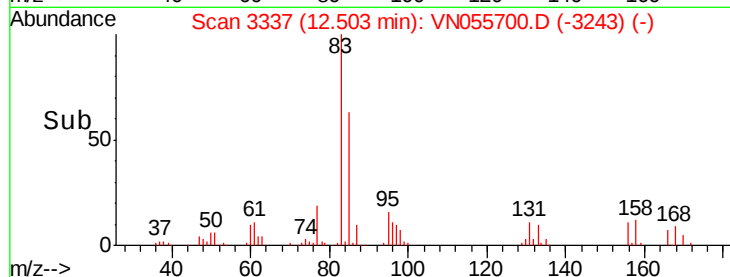
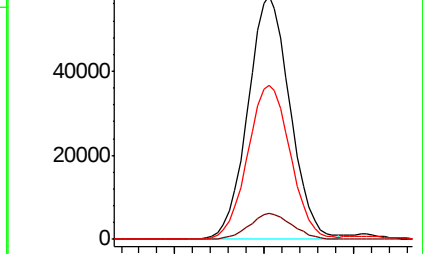
85 64.5 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN055601.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055601.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055601.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 34.942 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN055700.D

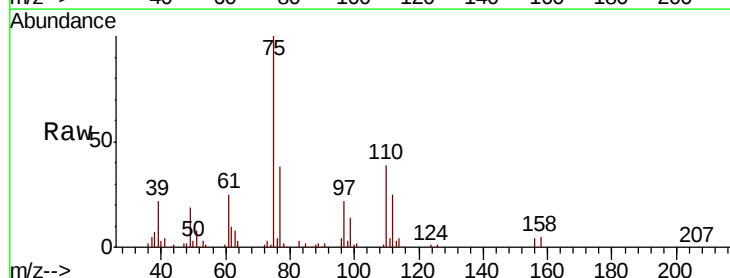
Acq: 21 May 2019 11:30

Tgt Ion: 75 Resp: 112984

Ion Ratio Lower Upper

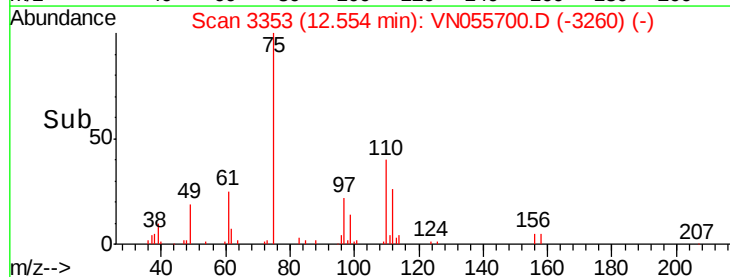
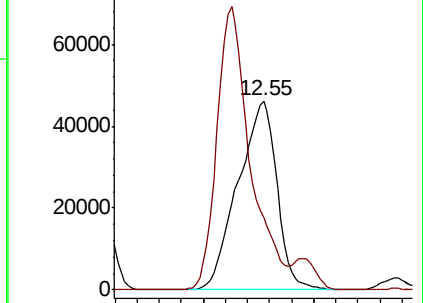
75 100

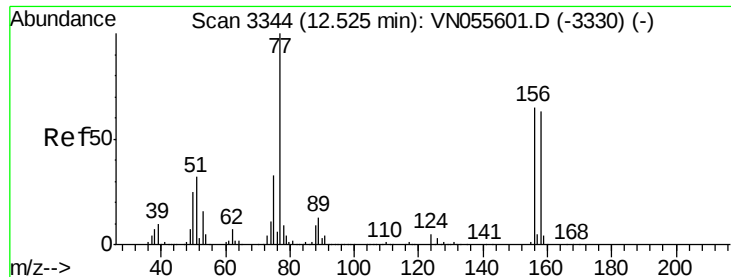
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055601.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055601.D (-3348) (-)





#77

Bromobenzene

Concen: 25.544 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

ClientSampleId :

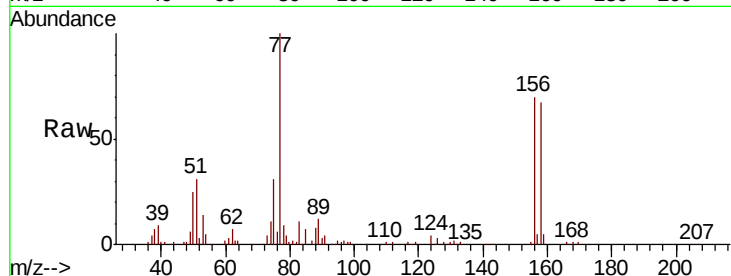
Tot Ion:156 Resp: 83130

Ion Ratio Lower Upper

156 100

77 174.6 94.5 283.5

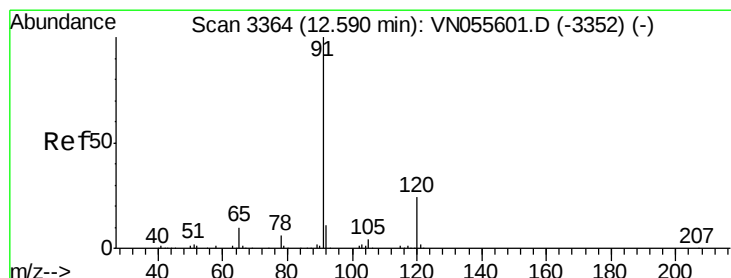
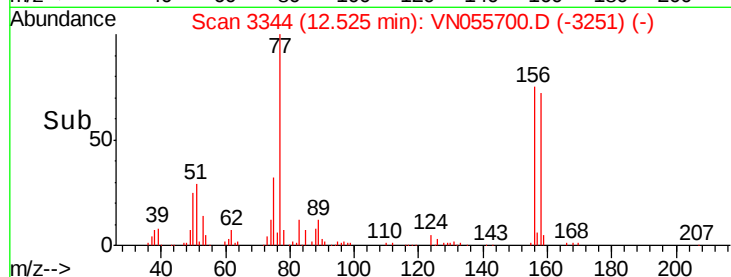
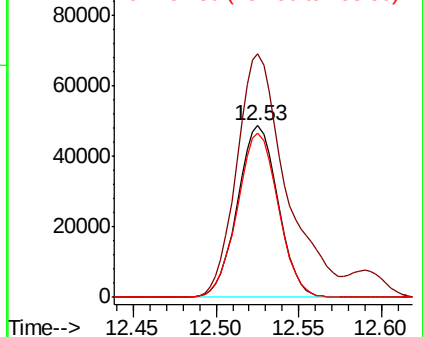
158 96.5 49.0 147.2



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: 23.410 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055700.D

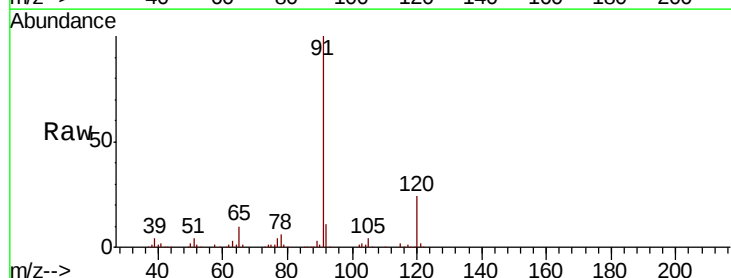
Acq: 21 May 2019 11:30

Tgt Ion: 91 Resp: 329423

Ion Ratio Lower Upper

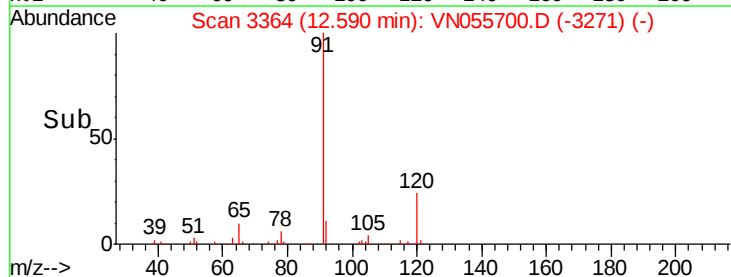
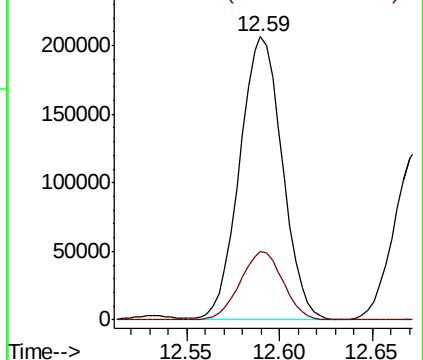
91 100

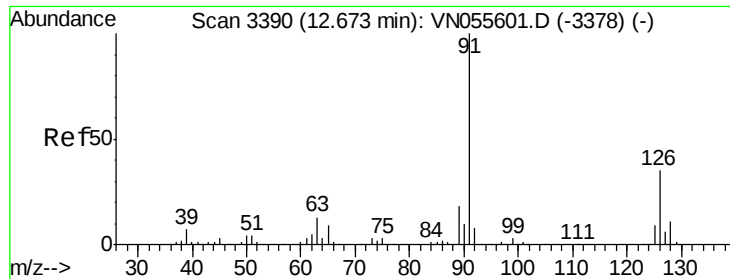
120 24.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 26.279 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

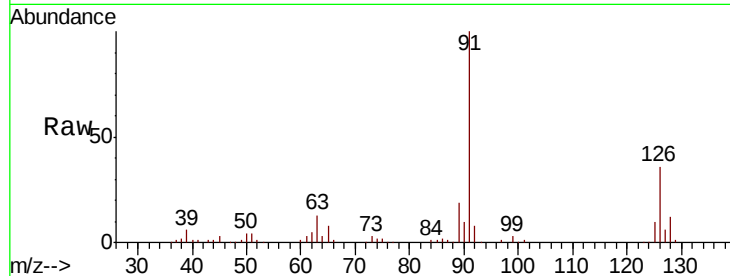
ClientSampled :

Tot Ion: 91 Resp: 203914

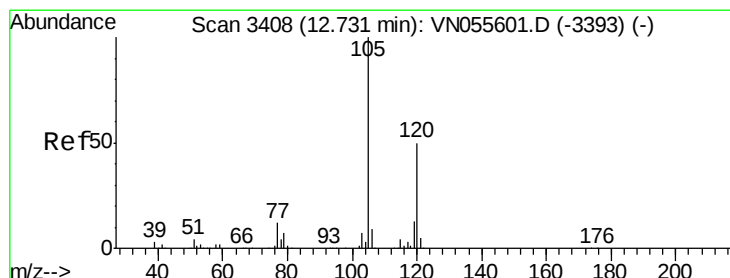
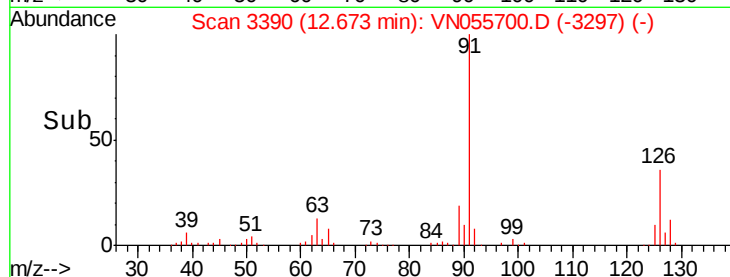
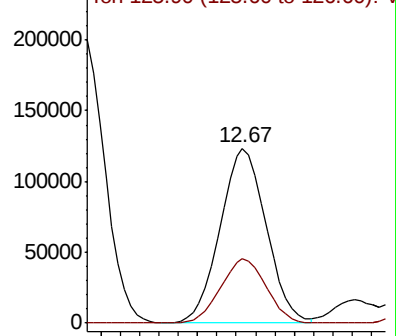
Ion Ratio Lower Upper

91 100

126 36.6 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 26.916 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055700.D

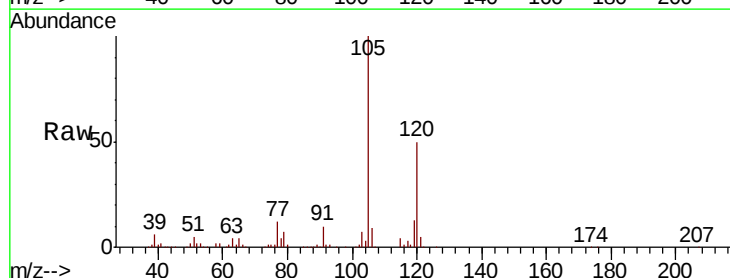
Acq: 21 May 2019 11:30

Tgt Ion:105 Resp: 264639

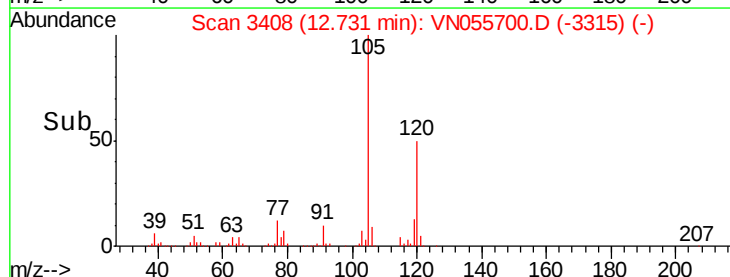
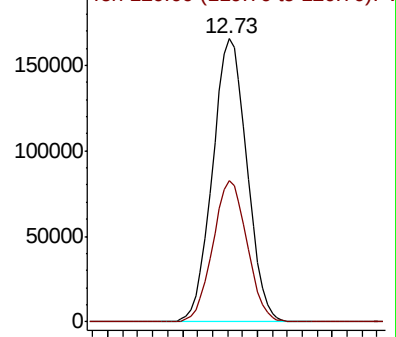
Ion Ratio Lower Upper

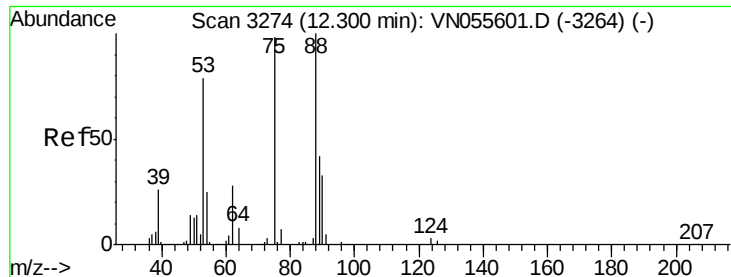
105 100

120 49.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN055601.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.413 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

ClientSampleId :

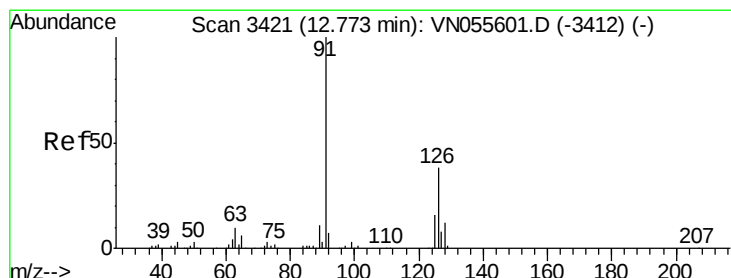
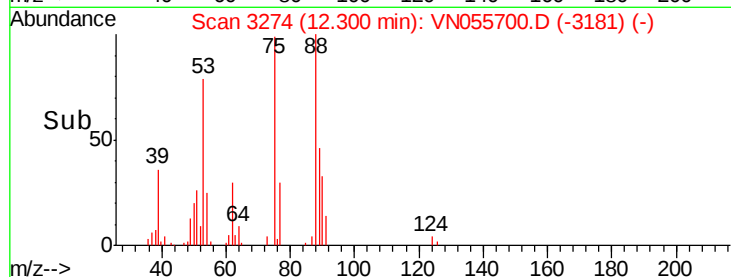
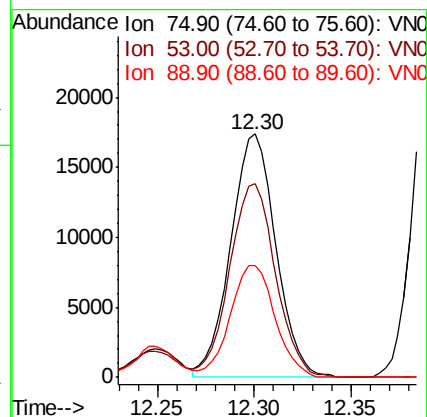
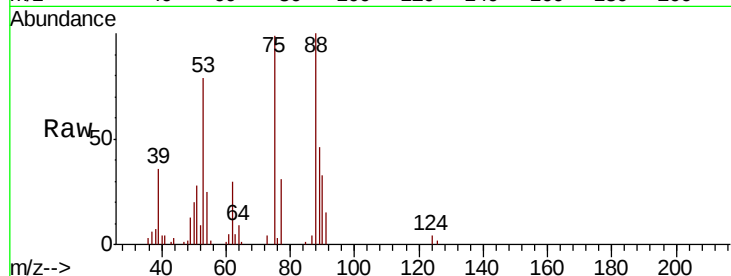
Tot Ion: 75 Resp: 28192

Ion Ratio Lower Upper

75 100

53 81.2 65.1 97.7

89 45.6 36.4 54.6



#82

4-Chlorotoluene

Concen: 22.823 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055700.D

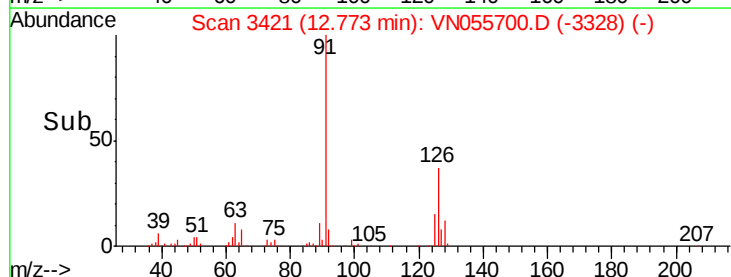
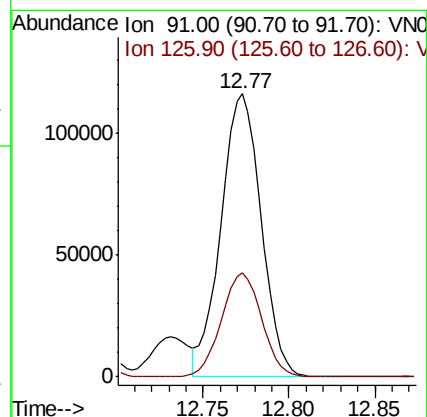
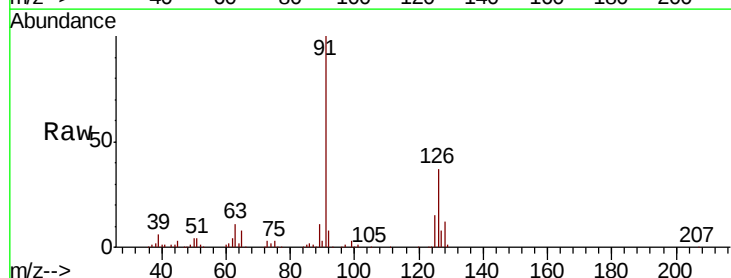
Acq: 21 May 2019 11:30

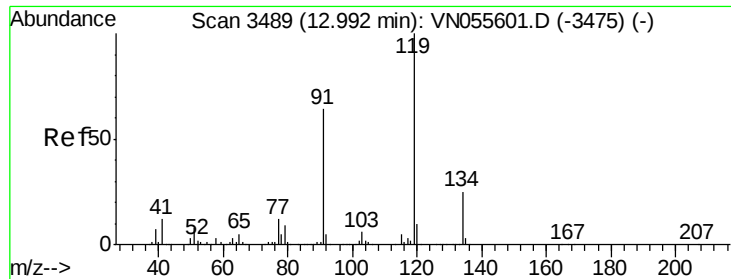
Tgt Ion: 91 Resp: 189229

Ion Ratio Lower Upper

91 100

126 36.9 17.5 52.6

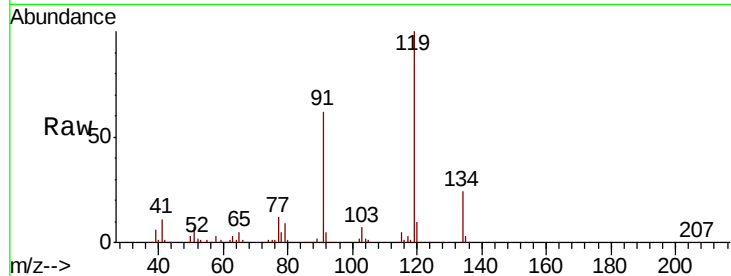




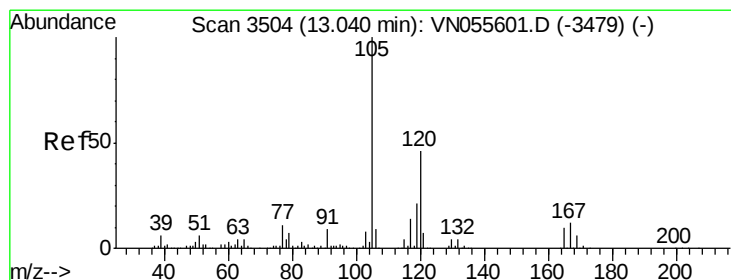
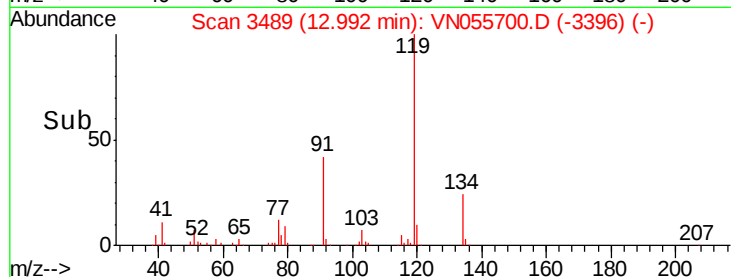
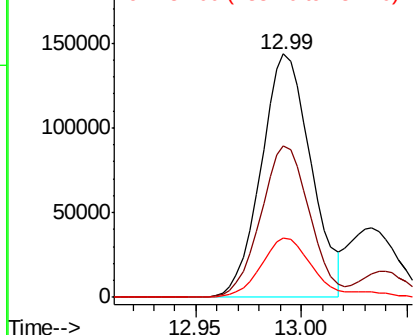
#83
tert-Butylbenzene
Concen: 28.091 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.2	31.3	93.8
134	26.2	13.2	39.6

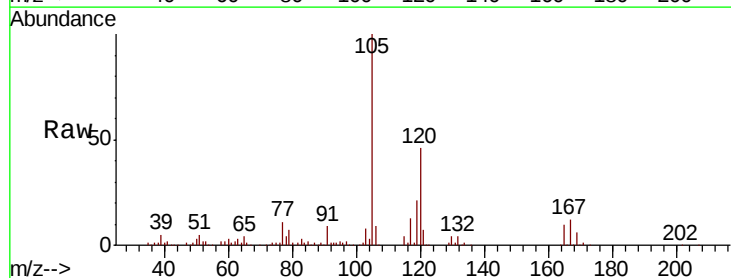


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

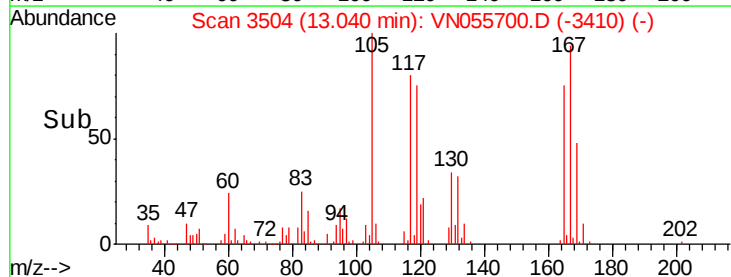
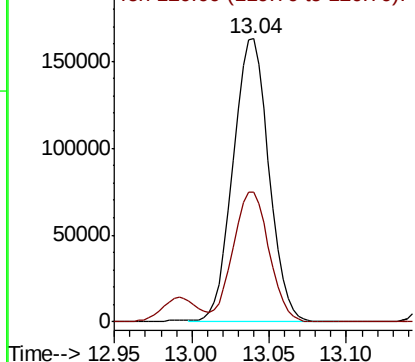


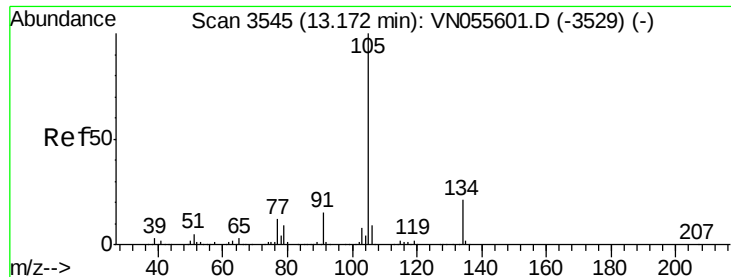
#84
1,2,4-Trimethylbenzene
Concen: 26.792 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2



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





#85

sec-Butylbenzene

Concen: 26.771 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

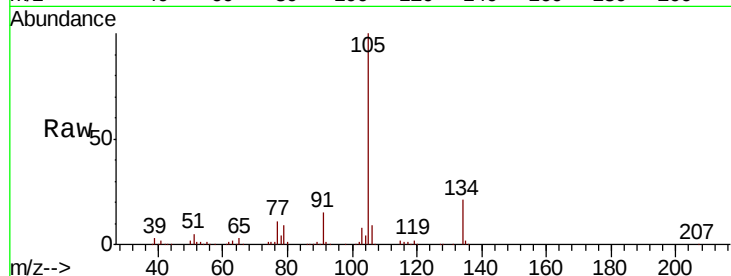
ClientSampled :

Tot Ion:105 Resp: 294133

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

200000

150000

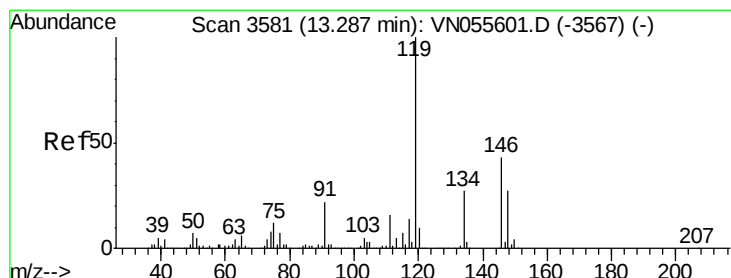
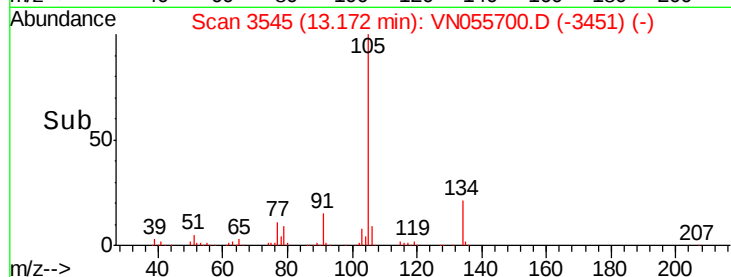
100000

50000

0

Time-->

13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 26.154 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

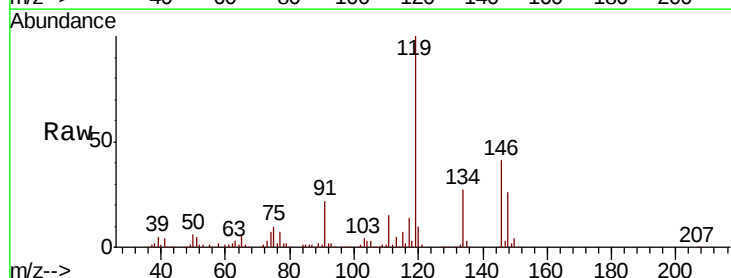
Tgt Ion:119 Resp: 266186

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 21.8 11.0 33.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

200000

150000

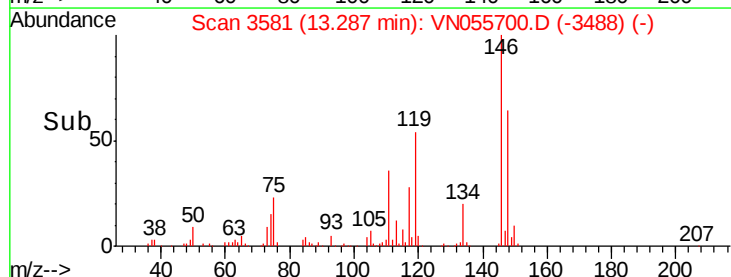
100000

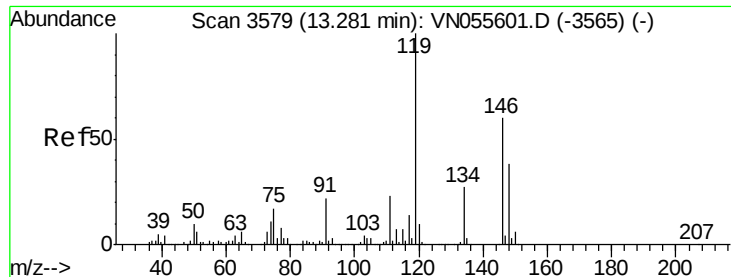
50000

0

Time-->

13.20 13.25 13.30 13.35

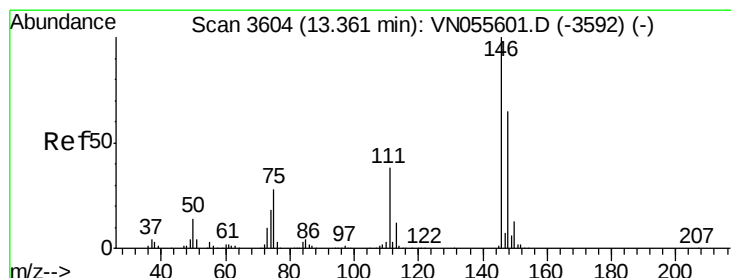
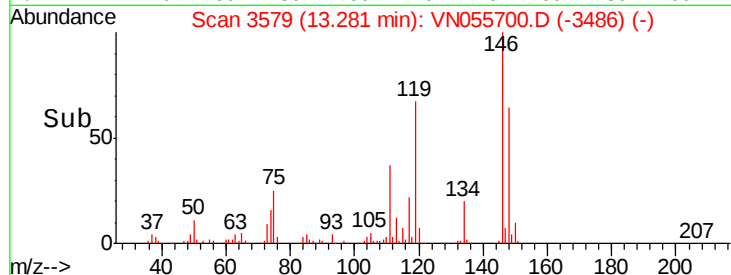
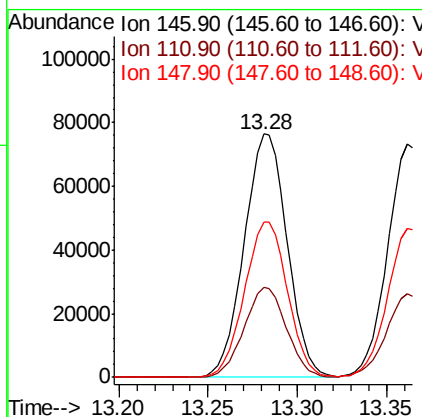
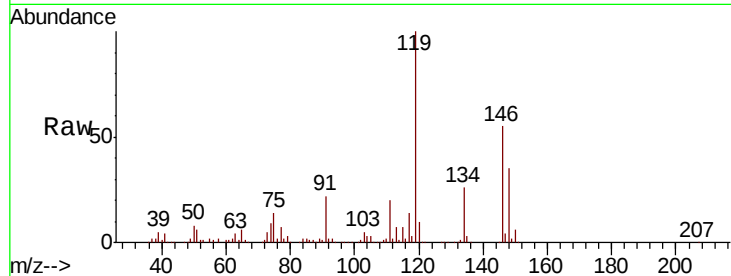




#87
 1,3-Dichlorobenzene
 Concen: 23.890 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

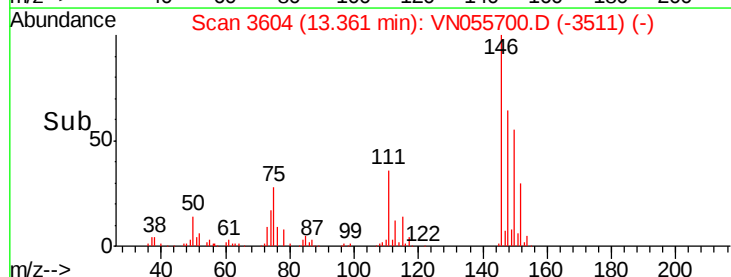
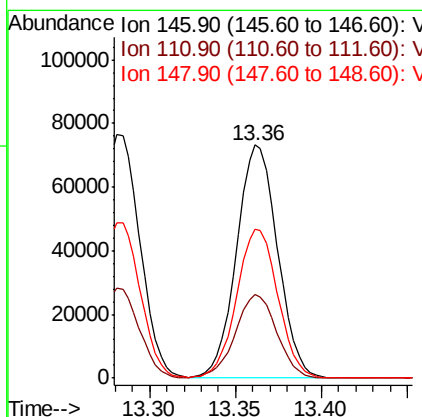
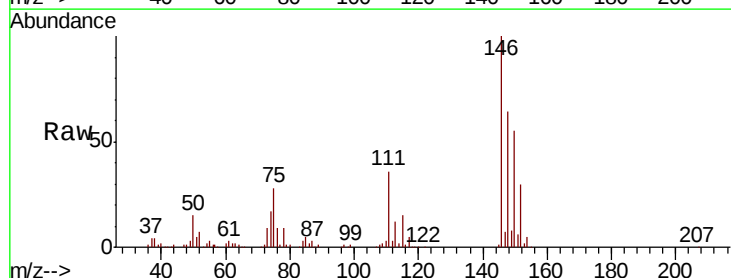
Instrument :
 MSVOA_N
 ClientSampled :

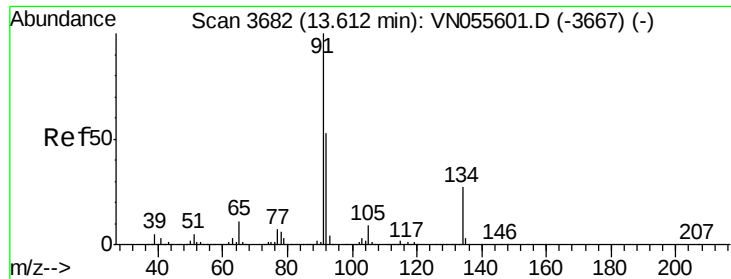
Tot Ion:146 Resp: 128549
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.9 56.9
 148 64.0 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 23.655 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Tgt Ion:146 Resp: 121531
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.8 56.4
 148 64.2 32.4 97.0

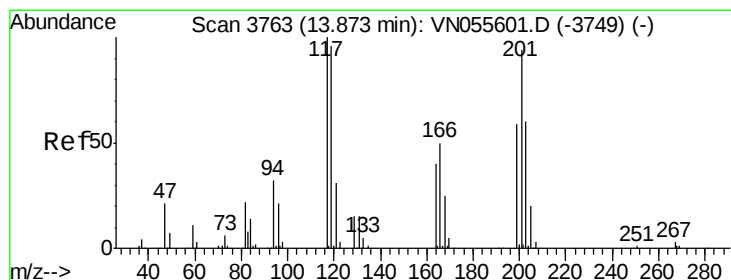
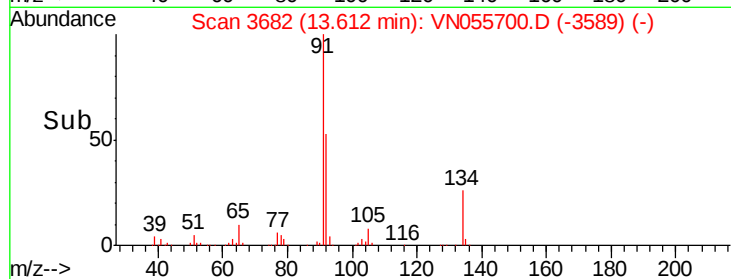
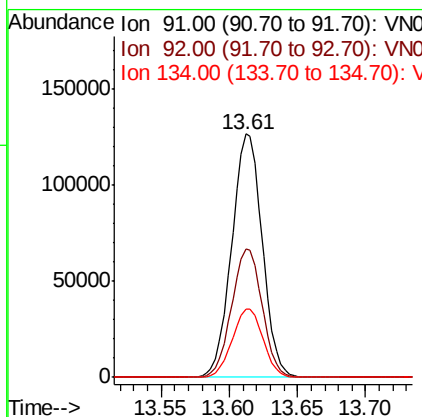
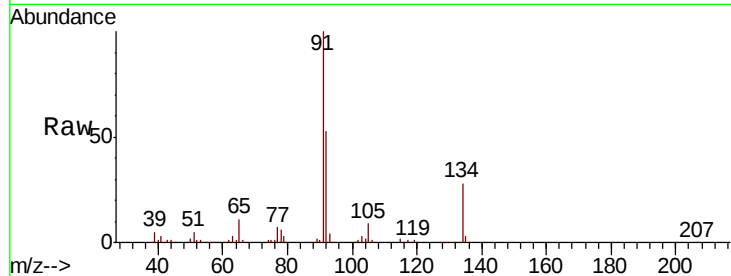




#89
n-Butylbenzene
Concen: 22.556 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

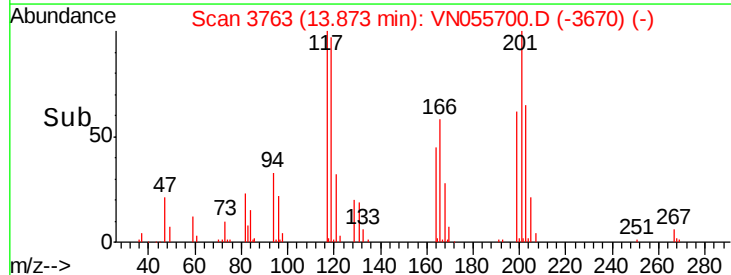
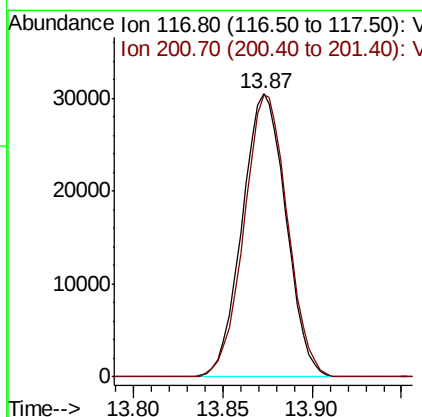
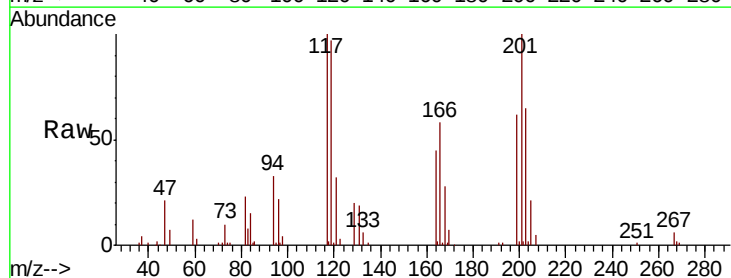
Instrument :
MSVOA_N
ClientSampleId :

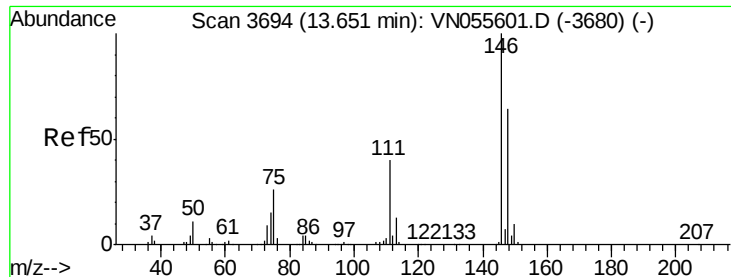
Tot Ion: 91 Resp: 196131
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 28.2 13.7 41.1



#90
Hexachloroethane
Concen: 26.770 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion: 117 Resp: 52339
Ion Ratio Lower Upper
117 100
201 98.5 47.1 141.3





#91

1,2-Dichlorobenzene

Concen: 24.165 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

Instrument :

MSVOA_N

ClientSampled :

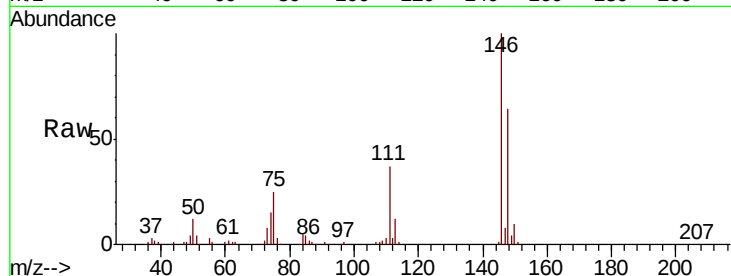
Tot Ion:146 Resp: 129615

Ion Ratio Lower Upper

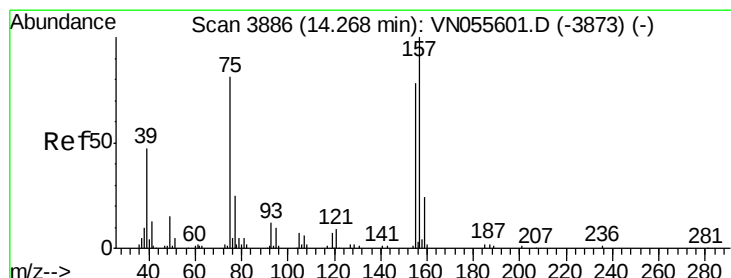
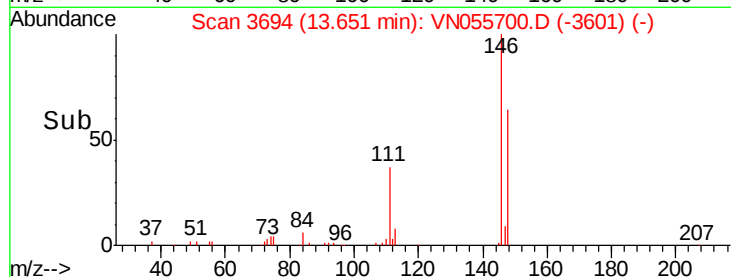
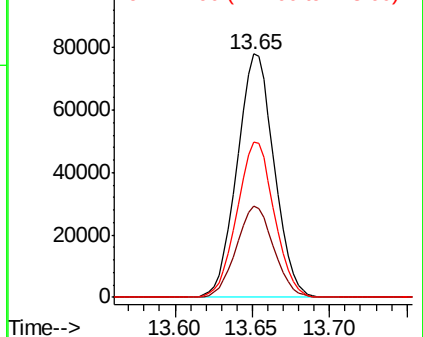
146 100

111 37.7 19.7 59.0

148 64.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.402 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055700.D

Acq: 21 May 2019 11:30

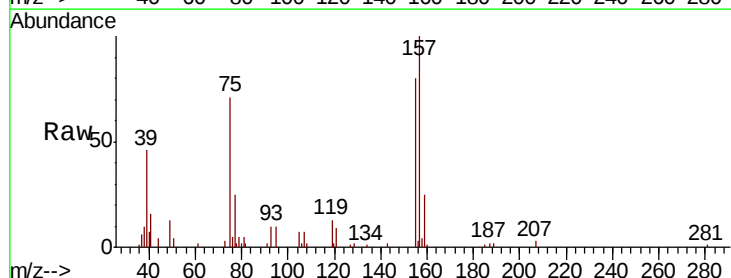
Tgt Ion: 75 Resp: 16110

Ion Ratio Lower Upper

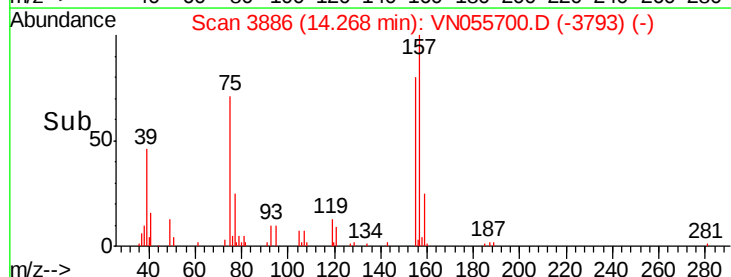
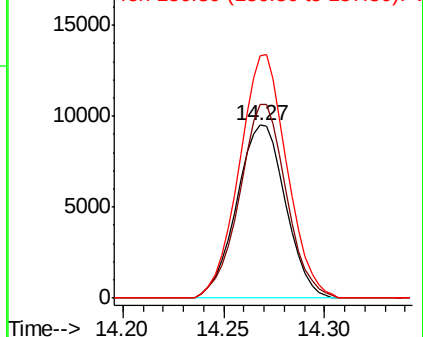
75 100

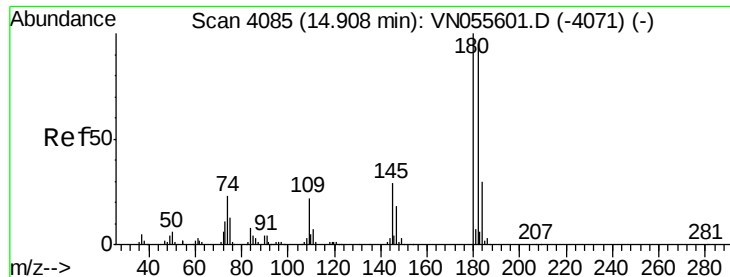
155 107.2 48.4 145.0

157 137.2 62.3 186.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

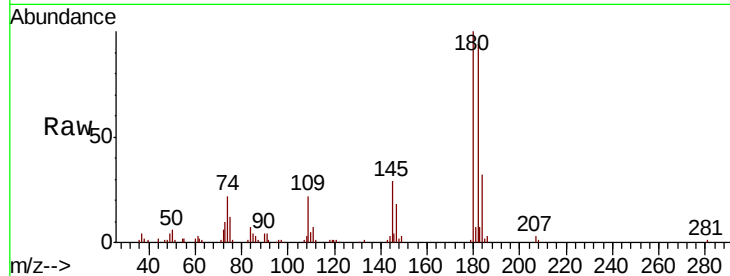




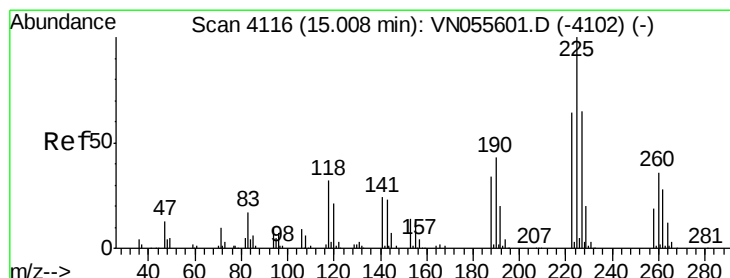
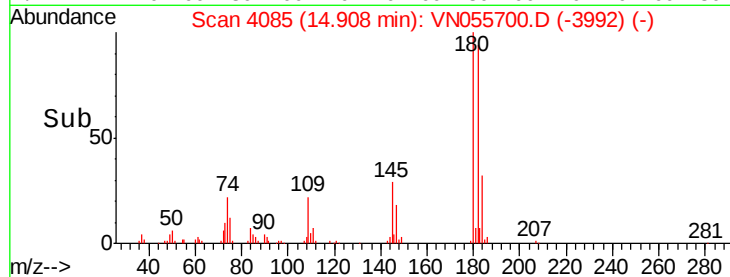
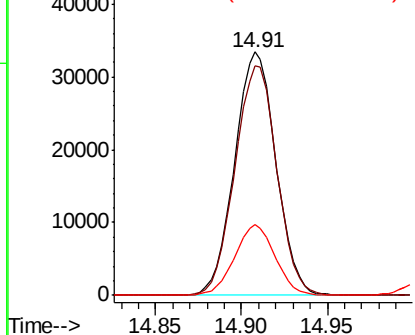
#93
 1,2,4-Trichlorobenzene
 Concen: 20.420 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 55753
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.6
 145 28.2 14.3 42.9

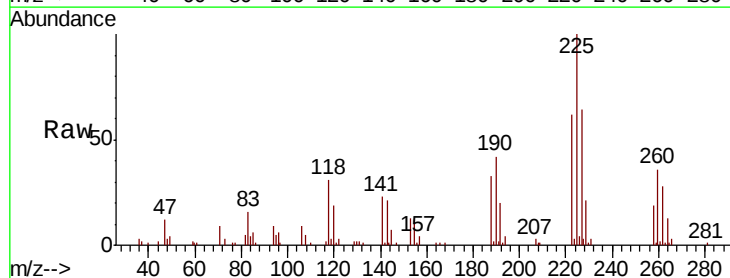


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

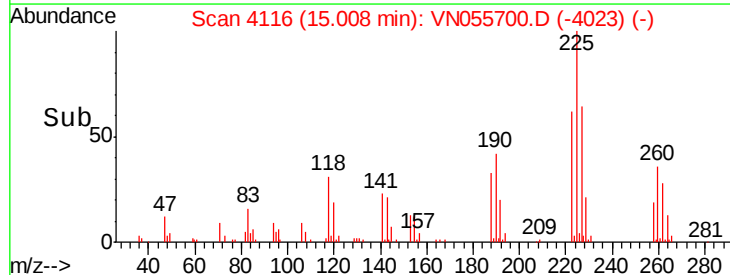
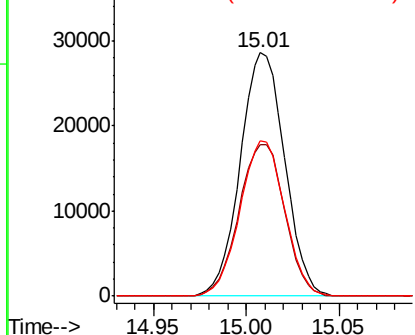


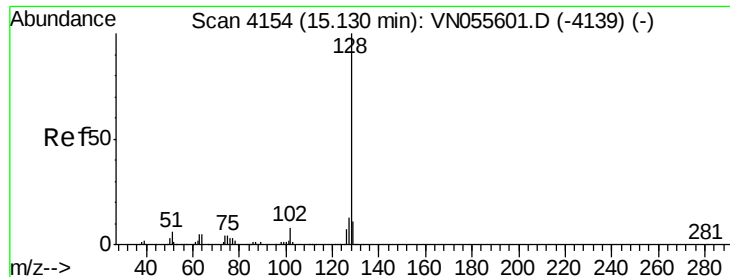
#94
 Hexachlorobutadiene
 Concen: 27.542 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055700.D
 Acq: 21 May 2019 11:30

Tgt Ion:225 Resp: 47543
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.6 94.7
 227 64.0 32.4 97.0



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

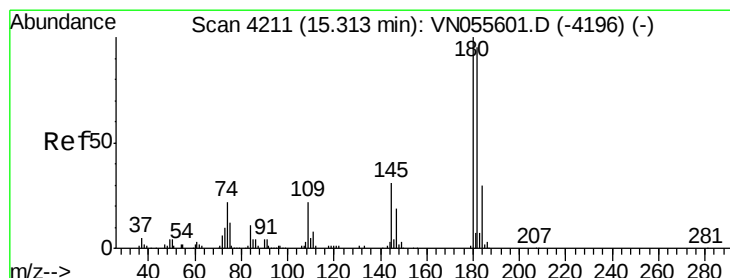
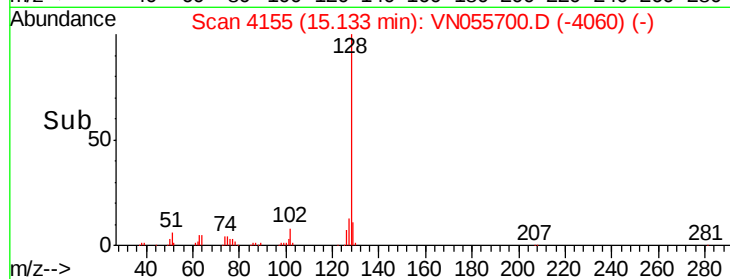
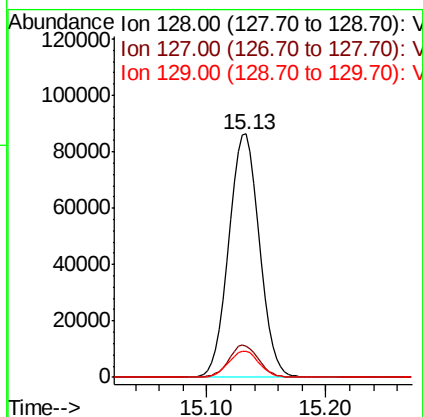
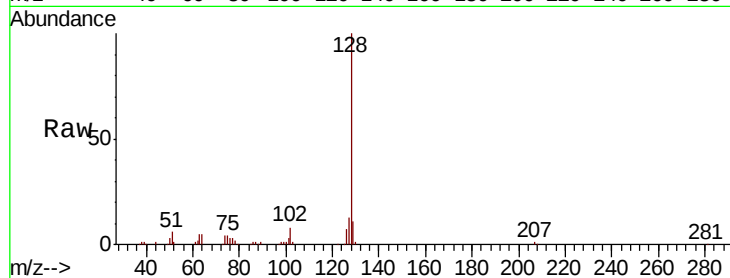




#95
Naphthalene
Concen: 19.857 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 154540
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.621 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN055700.D
Acq: 21 May 2019 11:30

Tgt Ion:180 Resp: 58869
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.6
145 30.3 15.4 46.1

