

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042919\
 Data File : VN055290.D
 Acq On : 29 Apr 2019 13:47
 Operator : JC/SP
 Sample : VN0429WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

Quant Time: Apr 30 04:29:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 04:20:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	427970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	683569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	587536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	213799	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	279166	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	7.59	113	222962	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.09	98	806278	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.40	95	254477	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	111029	21.174	ug/l	98
3) Chloromethane	2.06	50	128731	19.827	ug/l	99
4) Vinyl Chloride	2.19	62	103591	19.793	ug/l	99
5) Bromomethane	2.57	94	56914	20.530	ug/l	96
6) Chloroethane	2.71	64	53892	19.008	ug/l	96
7) Trichlorofluoromethane	3.02	101	143933	19.340	ug/l	100
8) Diethyl Ether	3.41	74	51336	19.716	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	86486	19.515	ug/l	99
10) Methyl Iodide	3.96	142	122856	19.698	ug/l	99
11) Tert butyl alcohol	4.79	59	33372	104.109	ug/l #	73
12) 1,1-Dichloroethene	3.74	96	81421	19.259	ug/l	95
13) Acrolein	3.61	56	24700	98.667	ug/l	93
14) Allyl chloride	4.33	41	171370	19.572	ug/l	100
15) Acrylonitrile	4.99	53	177585	98.562	ug/l	99
16) Acetone	3.82	43	164065	94.046	ug/l	99
17) Carbon Disulfide	4.06	76	217284	19.694	ug/l	98
18) Methyl Acetate	4.33	43	87931	20.071	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	241739	20.340	ug/l	96
20) Methylene Chloride	4.56	84	99323	18.653	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	87859	19.623	ug/l	97
22) Diisopropyl ether	5.95	45	351401	20.199	ug/l	97
23) Vinyl Acetate	5.90	43	1171179	102.717	ug/l	100
24) 1,1-Dichloroethane	5.85	63	183191	19.763	ug/l	99
25) 2-Butanone	6.84	43	225782	101.202	ug/l	96
26) 2,2-Dichloropropane	6.83	77	124162	19.398	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	103178	20.264	ug/l	99
28) Bromochloromethane	7.20	49	89750	19.209	ug/l	98
29) Tetrahydrofuran	7.21	42	142854	99.997	ug/l	100
30) Chloroform	7.37	83	170052	19.353	ug/l	98
31) Cyclohexane	7.65	56	172733	19.614	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	141788	19.882	ug/l	98
36) 1,1-Dichloropropene	7.80	75	125973	19.240	ug/l	100
37) Ethyl Acetate	6.93	43	95681	19.067	ug/l	98
38) Carbon Tetrachloride	7.77	117	117279	18.569	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	139468	20.034	ug/l	98
40) Benzene	8.04	78	377803	19.574	ug/l	99
41) Methacrylonitrile	7.18	41	50037	18.891	ug/l	94
42) 1,2-Dichloroethane	8.12	62	133927	19.591	ug/l	99
43) Isopropyl Acetate	8.17	43	159757	19.810	ug/l #	89
44) Trichloroethene	8.84	130	94619	19.229	ug/l	98
45) 1,2-Dichloropropane	9.12	63	108191	19.435	ug/l	100
46) Dibromomethane	9.21	93	61153	20.097	ug/l	97
47) Bromodichloromethane	9.40	83	126003	19.302	ug/l	97
48) Methyl methacrylate	9.20	41	76679	19.341	ug/l	98
49) 1,4-Dioxane	9.20	88	16739	408.445	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	458893	101.069	ug/l	98
52) Toluene	10.16	92	223746	20.203	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	113399	20.011	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	143844	20.358	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	81866	19.907	ug/l	97
56) Ethyl methacrylate	10.43	69	103198	20.387	ug/l	98
57) 1,3-Dichloropropane	10.71	76	143847	19.939	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	138368	96.114	ug/l	99
59) 2-Hexanone	10.75	43	282925	99.591	ug/l	100
60) Dibromochloromethane	10.90	129	82659	19.666	ug/l	97
61) 1,2-Dibromoethane	11.00	107	75881	19.963	ug/l	99
64) Tetrachloroethene	10.63	164	91517	19.047	ug/l	98
65) Chlorobenzene	11.43	112	223943	19.495	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	86468	19.224	ug/l	99
67) Ethyl Benzene	11.51	91	409832	19.757	ug/l	98
68) m/p-Xylenes	11.62	106	298292	40.287	ug/l	98
69) o-Xylene	11.95	106	148105	20.181	ug/l	98
70) Styrene	11.96	104	234173	20.782	ug/l	99
71) Bromoform	12.13	173	49461	19.817	ug/l #	96
73) Isopropylbenzene	12.25	105	396558	21.509	ug/l	100
74) N-amyl acetate	12.07	43	107464	19.586	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	100001	21.814	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	111798	26.973	ug/l #	100
77) Bromobenzene	12.53	156	92246	21.354	ug/l	98
78) n-propylbenzene	12.59	91	421296	19.183	ug/l	100
79) 2-Chlorotoluene	12.67	91	262609	21.127	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	320052	19.095	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20193	17.899	ug/l #	82
82) 4-Chlorotoluene	12.77	91	246130	19.275	ug/l	99
83) tert-Butylbenzene	12.99	119	277409	21.738	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	301775	20.131	ug/l	99
85) sec-Butylbenzene	13.17	105	346754	19.034	ug/l	99
86) p-Isopropyltoluene	13.29	119	295105	19.709	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	140925	19.698	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	132109	19.608	ug/l	99
89) n-Butylbenzene	13.61	91	205720	19.335	ug/l	99
90) Hexachloroethane	13.87	117	49976	20.138	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	139315	19.647	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11990	21.317	ug/l	99

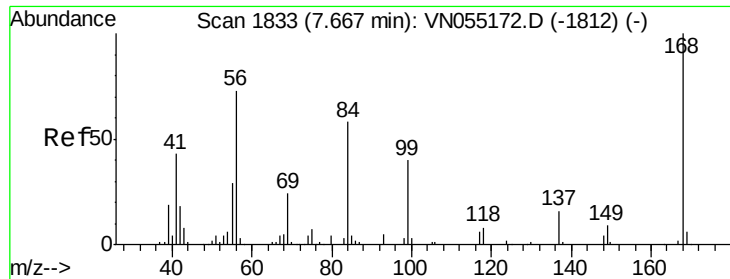
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042919\
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 04:20:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	44561	18.196	ug/l	95
94) Hexachlorobutadiene	15.01	225	48070	20.900	ug/l	97
95) Naphthalene	15.13	128	89537	17.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	47506	18.967	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

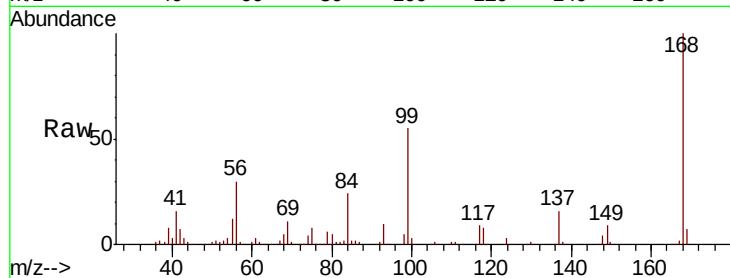
VN0429WBS01

Tgt Ion:168 Resp: 427970

Ion Ratio Lower Upper

168 100

99 53.9 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

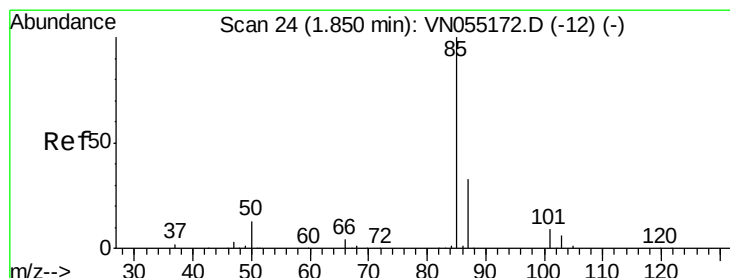
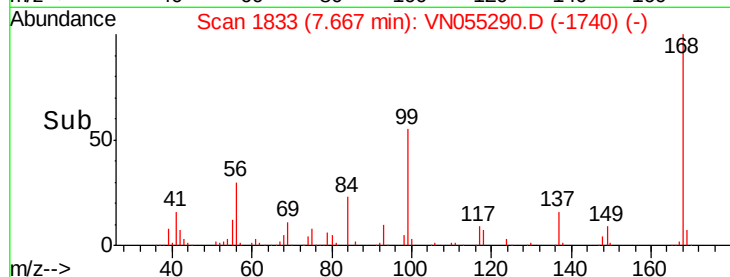
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.174 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055290.D

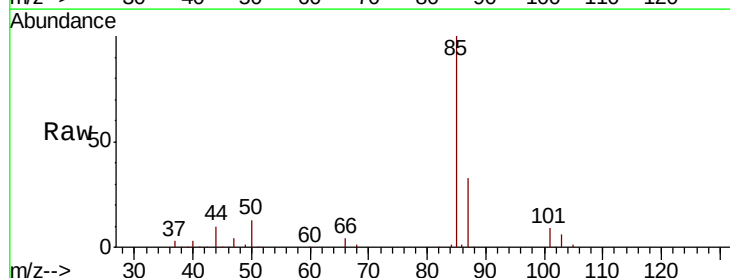
Acq: 29 Apr 2019 13:47

Tgt Ion: 85 Resp: 111029

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

80000

60000

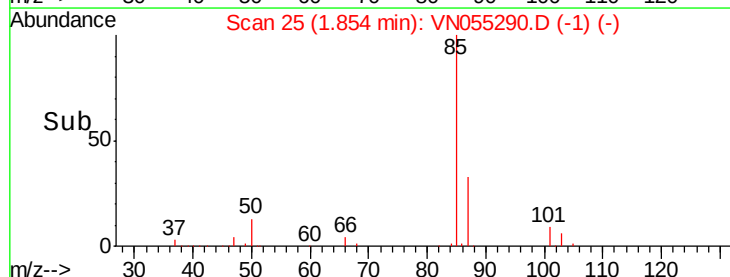
40000

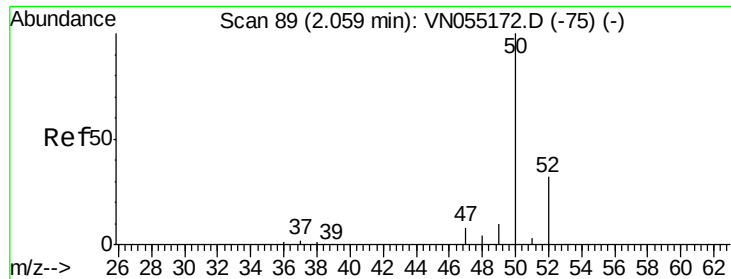
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.827 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

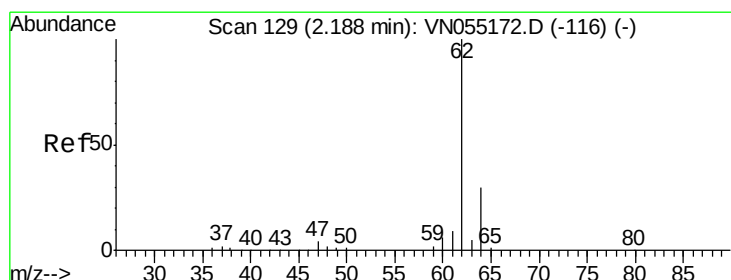
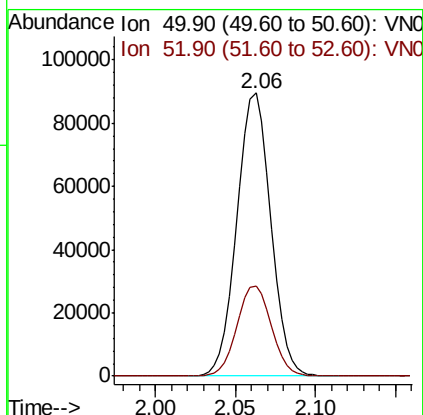
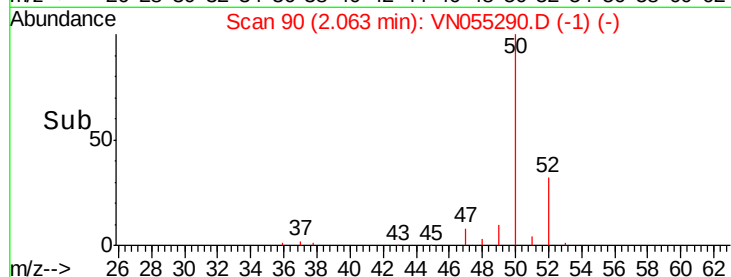
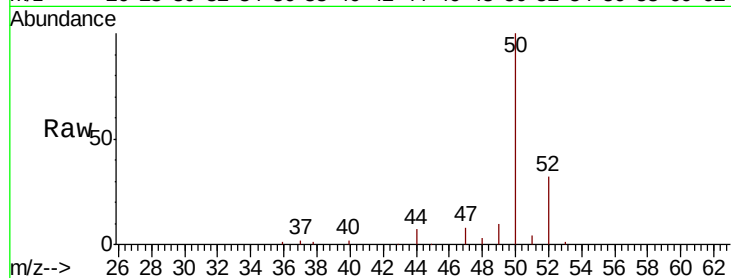
VN0429WBS01

Tgt Ion: 50 Resp: 128731

Ion Ratio Lower Upper

50 100

52 31.8 25.7 38.5



#4

Vinyl Chloride

Concen: 19.793 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055290.D

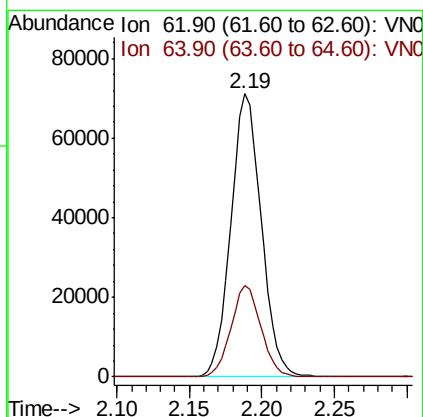
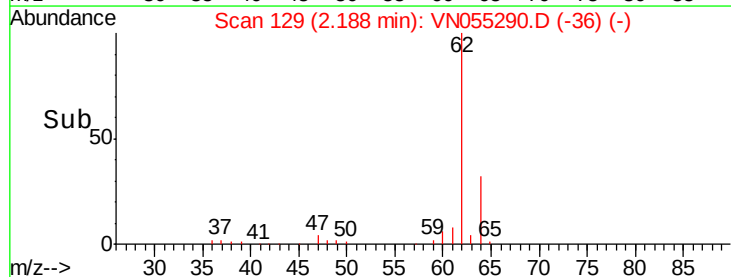
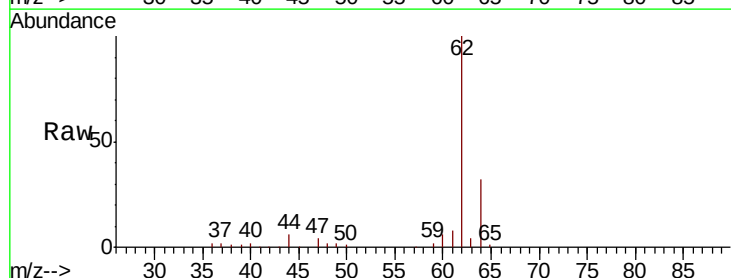
Acq: 29 Apr 2019 13:47

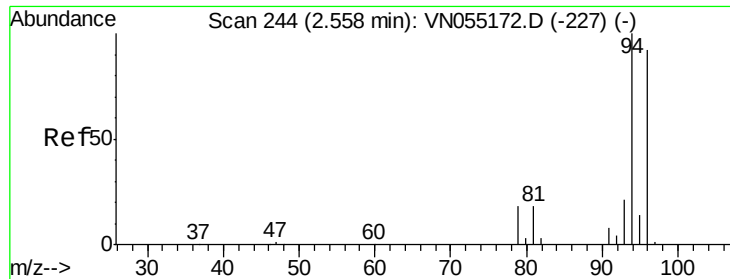
Tgt Ion: 62 Resp: 103591

Ion Ratio Lower Upper

62 100

64 32.3 25.5 38.3





#5

Bromomethane

Concen: 20.530 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

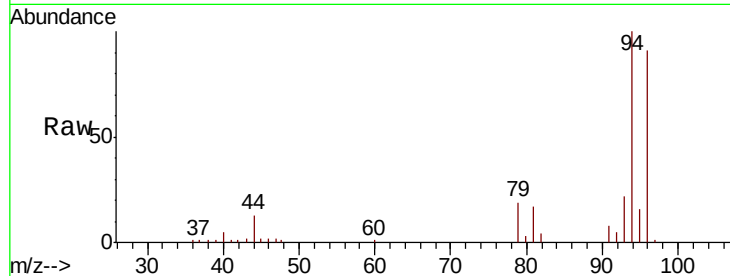
VN0429WBS01

Tgt Ion: 94 Resp: 56914

Ion Ratio Lower Upper

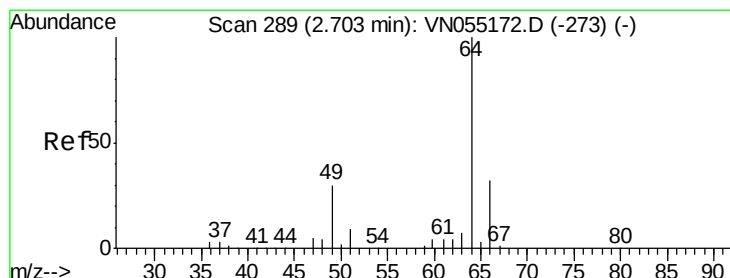
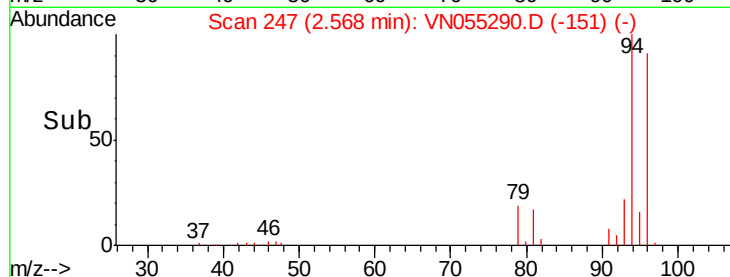
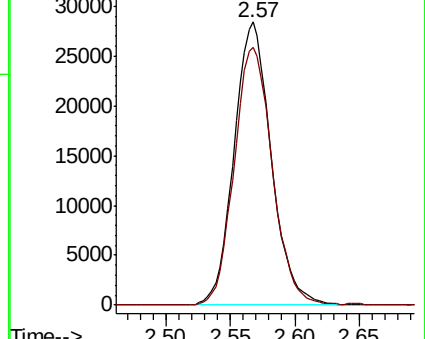
94 100

96 91.0 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.008 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN055290.D

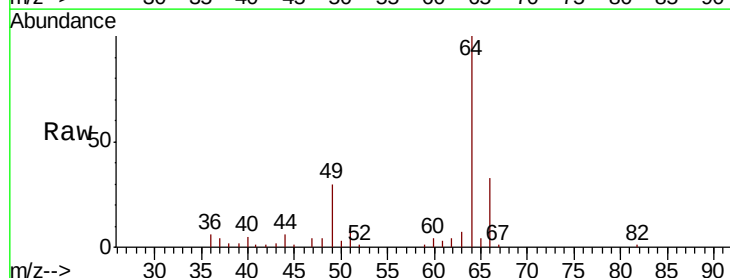
Acq: 29 Apr 2019 13:47

Tgt Ion: 64 Resp: 53892

Ion Ratio Lower Upper

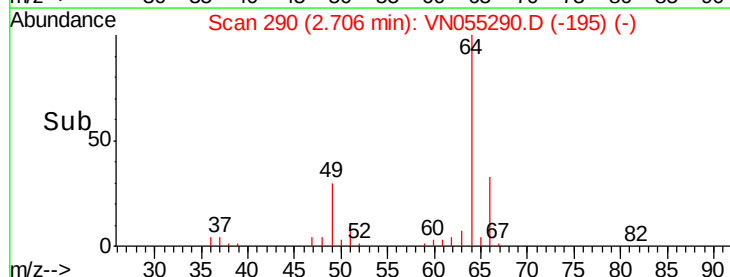
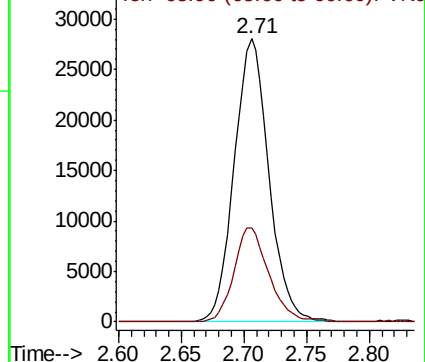
64 100

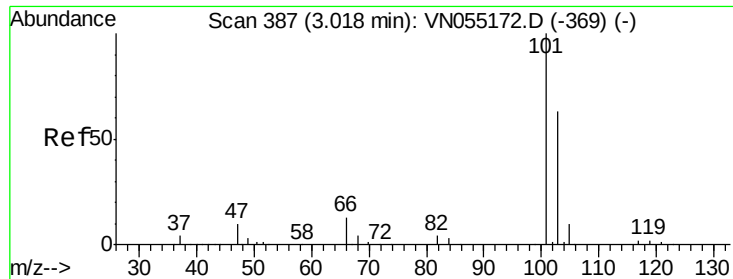
66 33.4 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



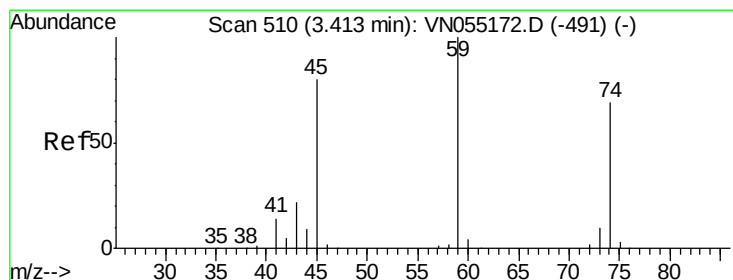
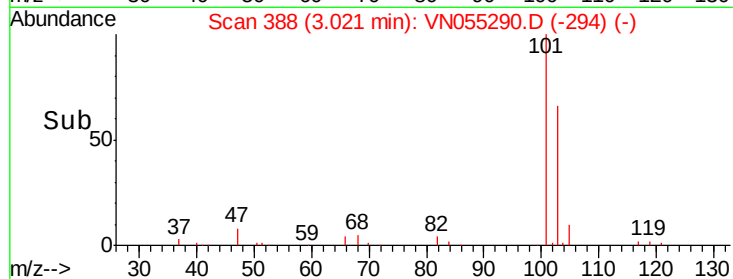
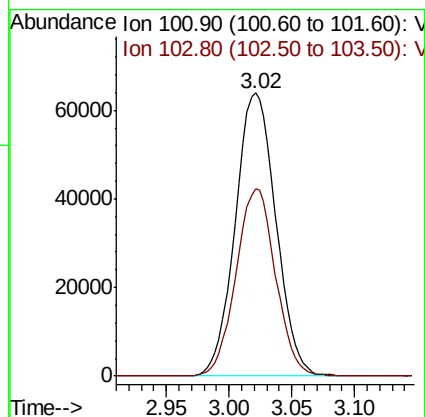
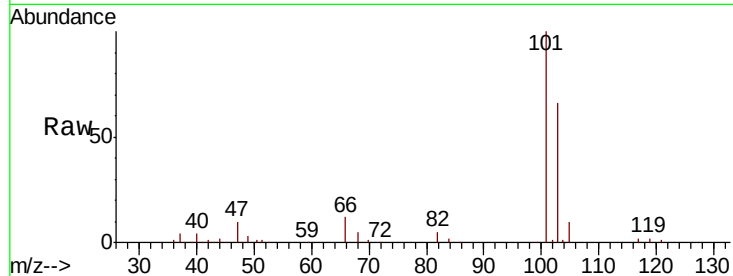


#7

Trichlorofluoromethane
 Concen: 19.340 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Instrument :
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 VN0429WBS01

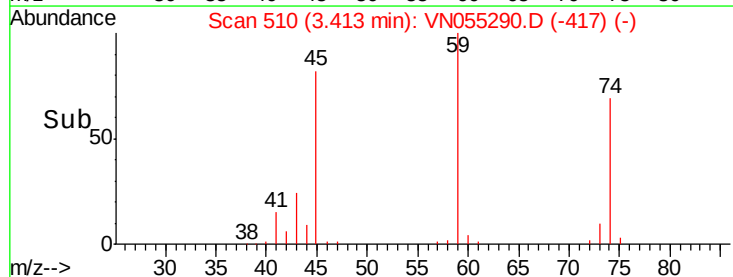
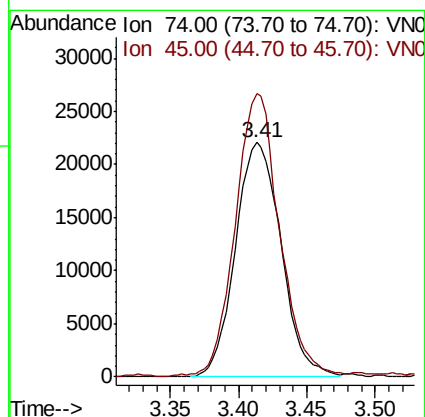
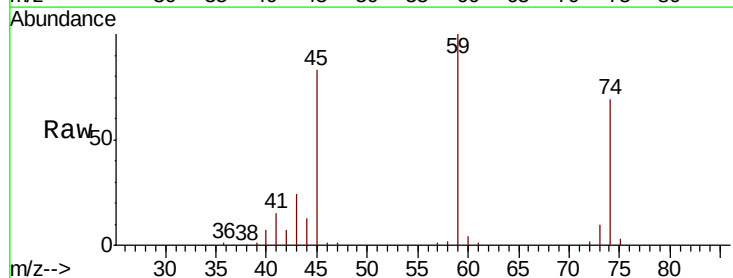
Tgt Ion:101 Resp: 143933
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.6 79.0

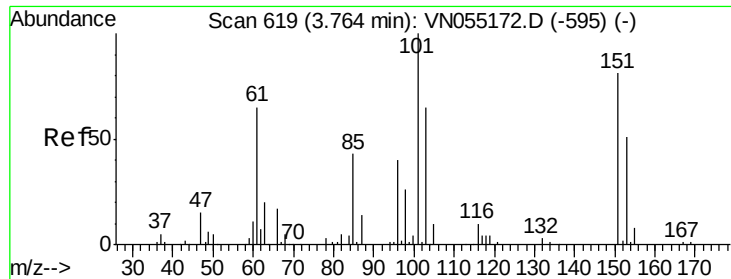


#8

Diethyl Ether
 Concen: 19.716 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion: 74 Resp: 51336
 Ion Ratio Lower Upper
 74 100
 45 117.6 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.515 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

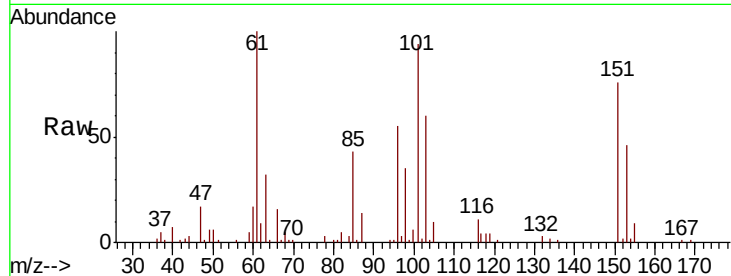
Tgt Ion:101 Resp: 86486

Ion Ratio Lower Upper

101 100

85 45.0 35.7 53.5

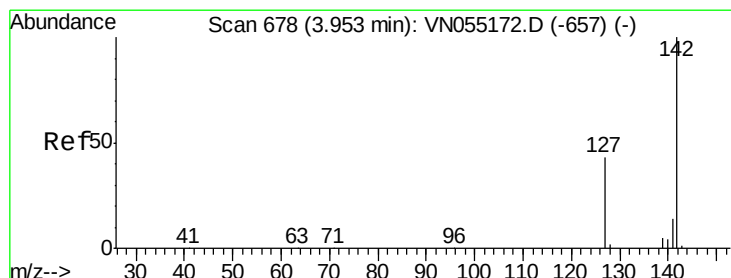
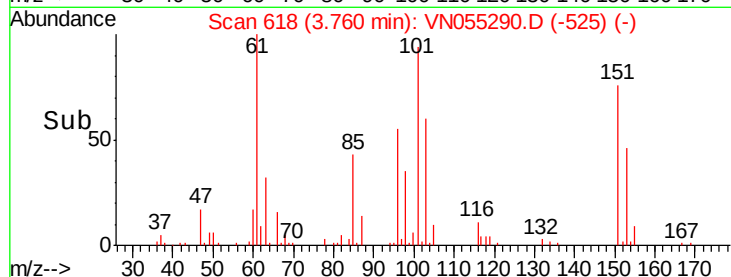
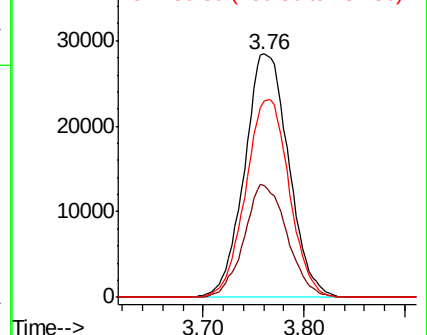
151 80.0 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.698 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

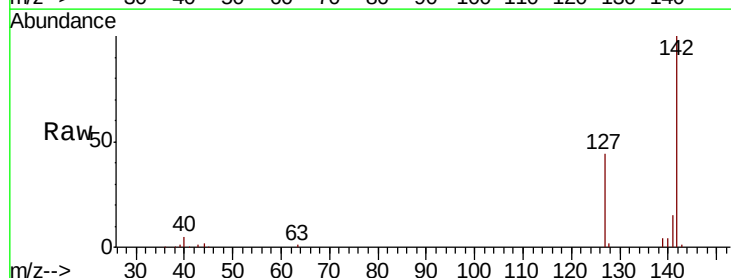
Tgt Ion:142 Resp: 122856

Ion Ratio Lower Upper

142 100

127 42.4 34.4 51.6

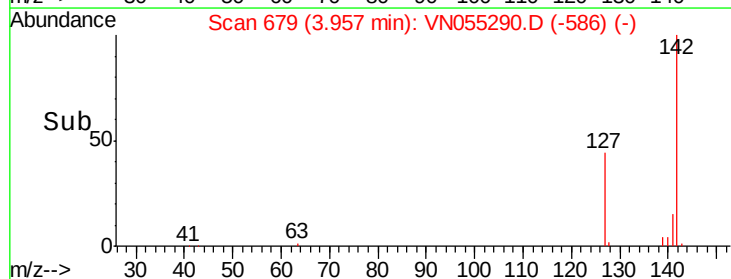
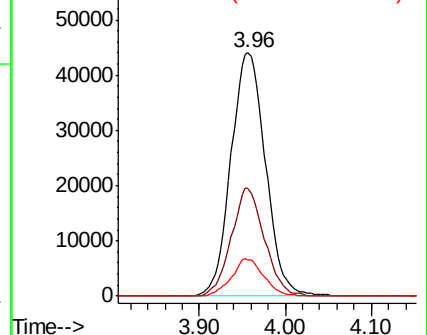
141 14.4 11.5 17.3

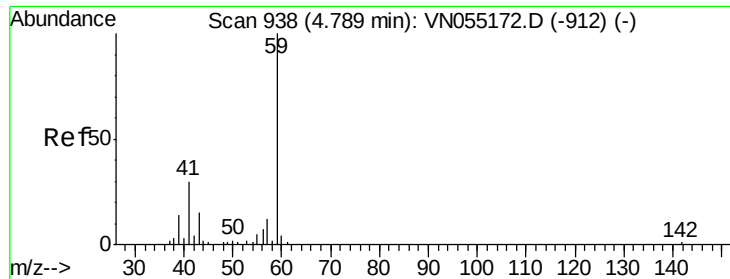


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

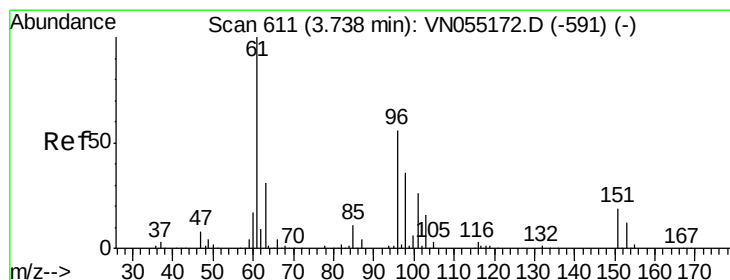
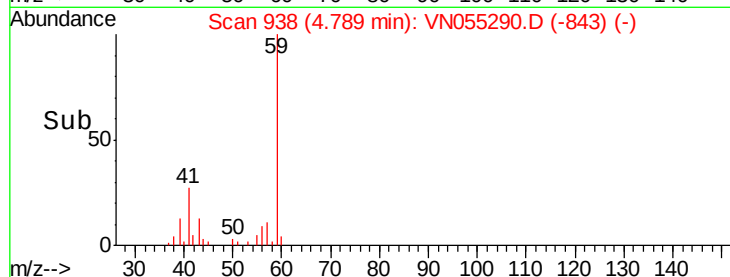
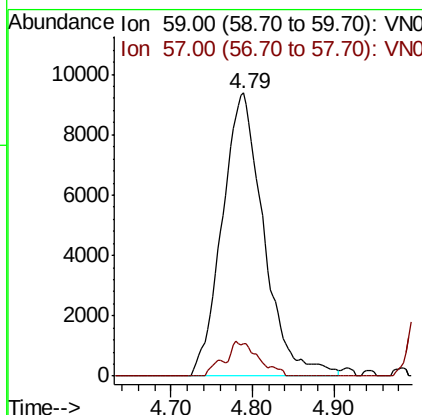
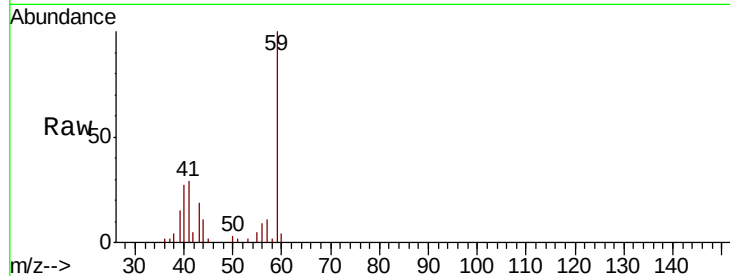




#11
Tert butyl alcohol
Concen: 104.109 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.01 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

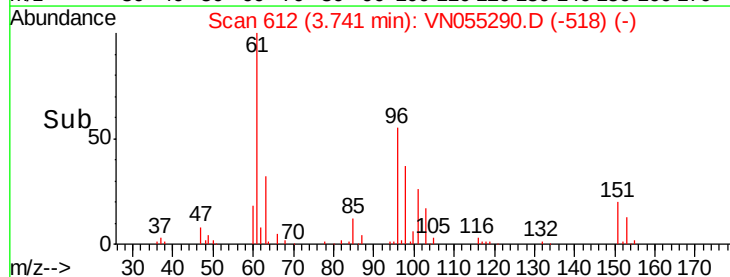
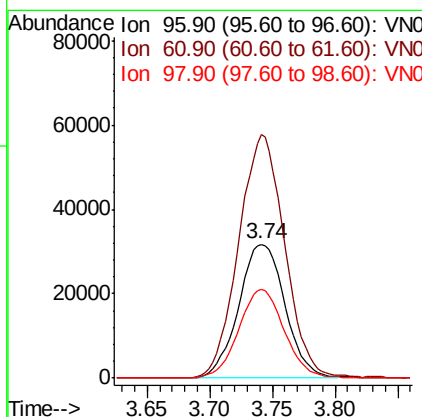
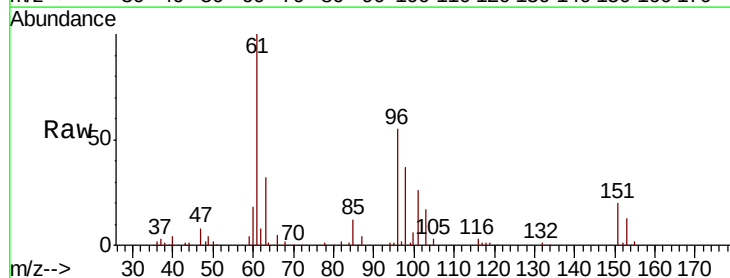
Instrument :
MSVOA_N
ClientSampled :
VN0429WBS01

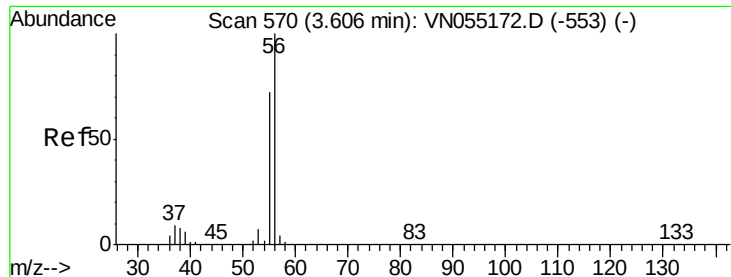
Tgt Ion: 59 Resp: 33372
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 19.259 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Tgt Ion: 96 Resp: 81421
Ion Ratio Lower Upper
96 100
61 182.0 140.9 211.3
98 66.7 50.0 75.0

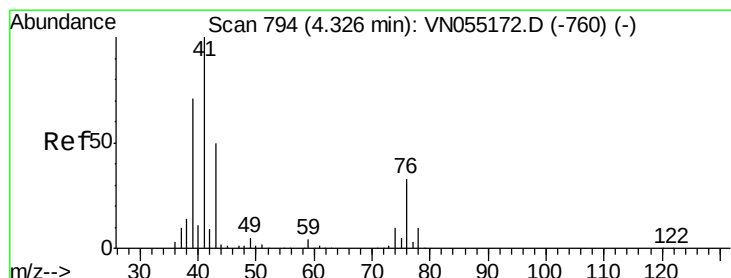
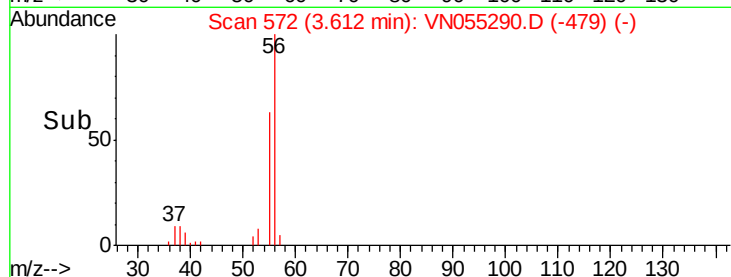
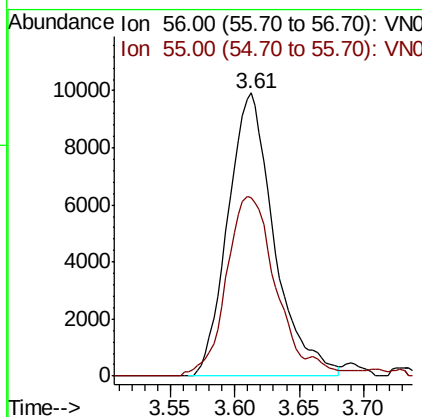
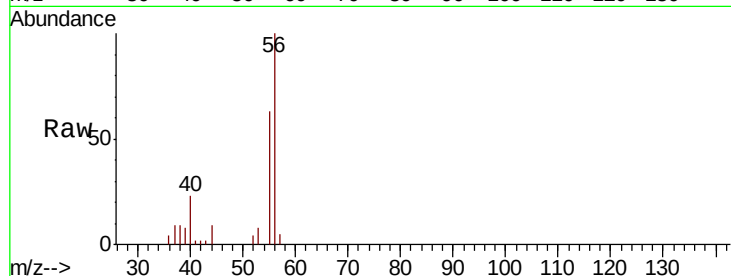




#13
 Acrolein
 Concen: 98.667 ug/l
 RT: 3.61 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

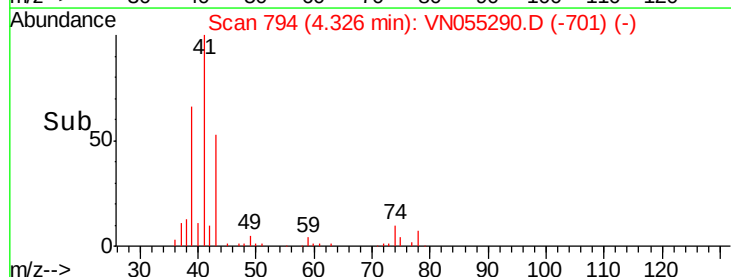
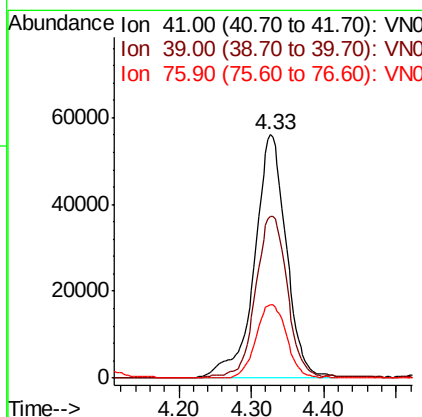
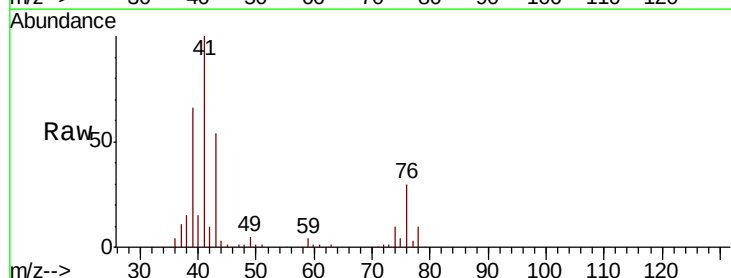
Instrument :
 MSVOA_N
 ClientSampled :
 VN0429WBS01

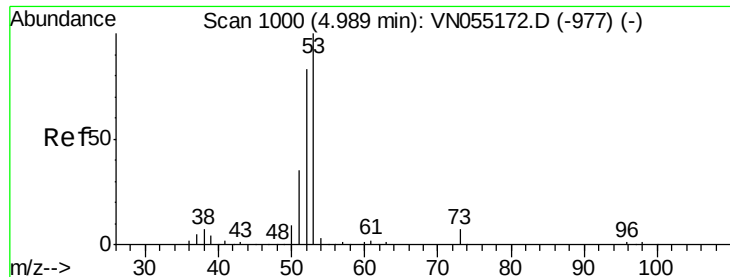
Tgt Ion: 56 Resp: 24700
 Ion Ratio Lower Upper
 56 100
 55 65.7 57.4 86.2



#14
 Allyl chloride
 Concen: 19.572 ug/l
 RT: 4.33 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion: 41 Resp: 171370
 Ion Ratio Lower Upper
 41 100
 39 66.2 53.0 79.6
 76 29.1 22.7 34.1





#15

Acrylonitrile

Concen: 98.562 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

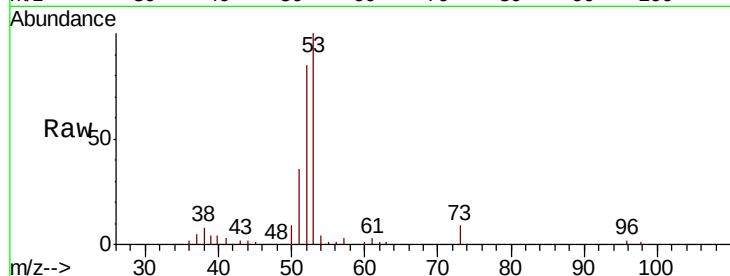
Tgt Ion: 53 Resp: 177585

Ion Ratio Lower Upper

53 100

52 84.2 66.5 99.7

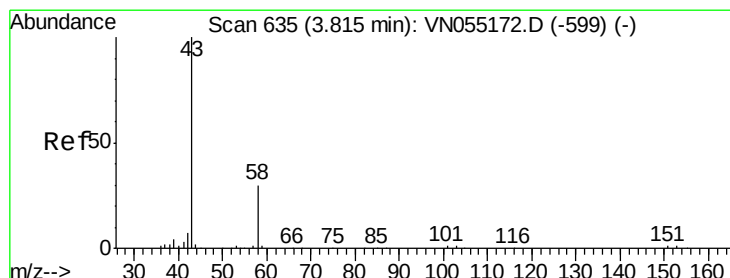
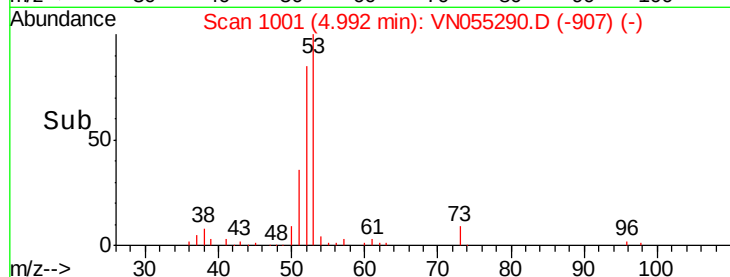
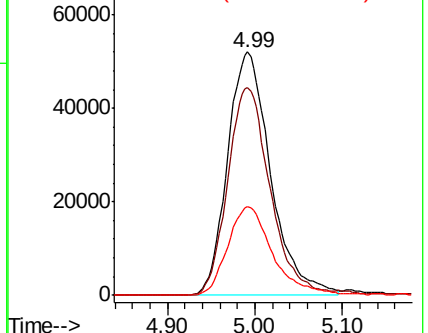
51 38.2 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 94.046 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055290.D

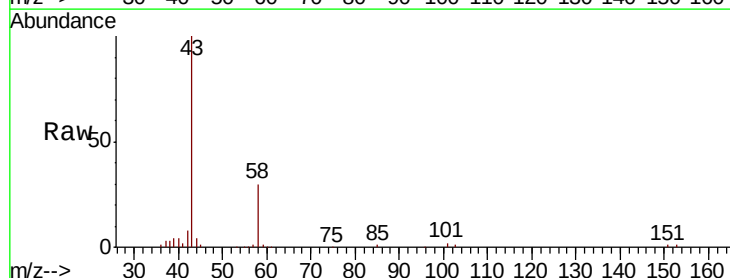
Acq: 29 Apr 2019 13:47

Tgt Ion: 43 Resp: 164065

Ion Ratio Lower Upper

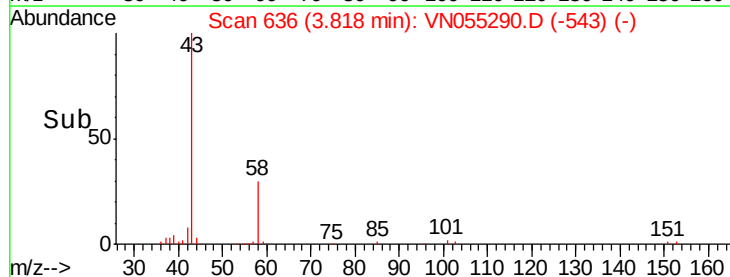
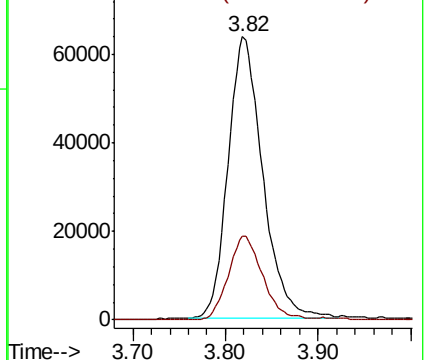
43 100

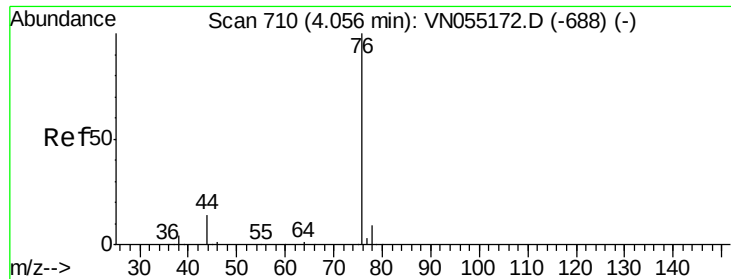
58 30.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

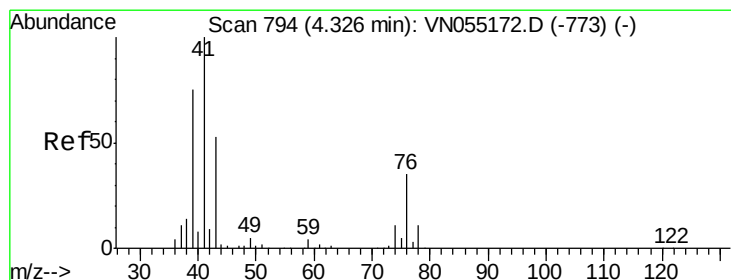
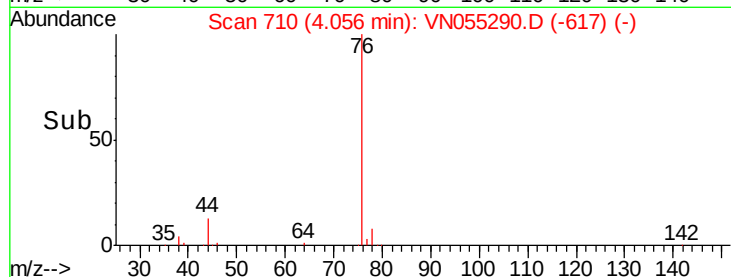
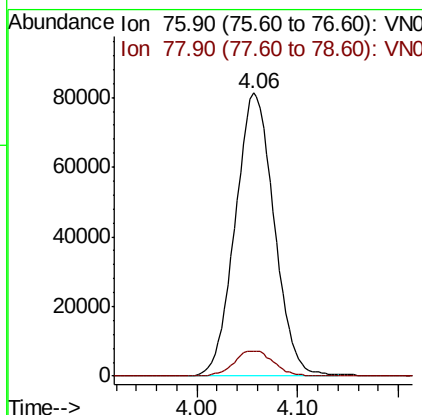
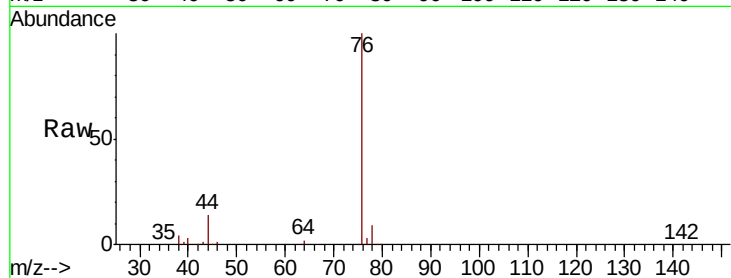




#17
Carbon Disulfide
Concen: 19.694 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

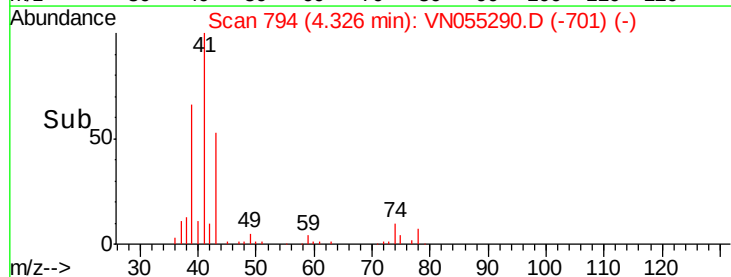
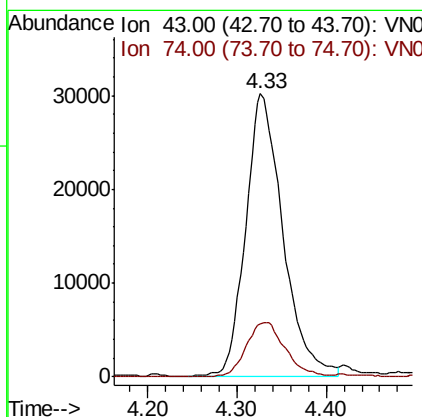
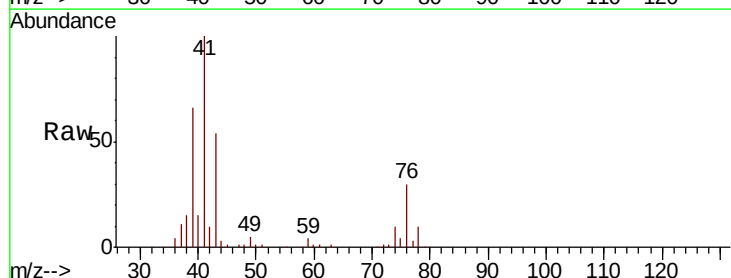
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

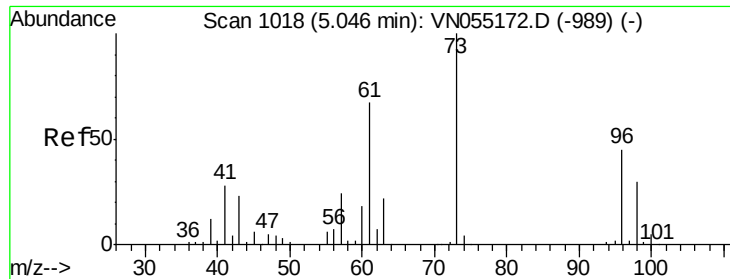
Tgt Ion: 76 Resp: 217284
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 20.071 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Tgt Ion: 43 Resp: 87931
Ion Ratio Lower Upper
43 100
74 20.2 15.8 23.8

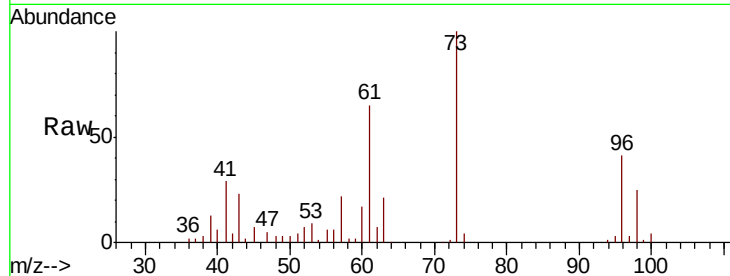




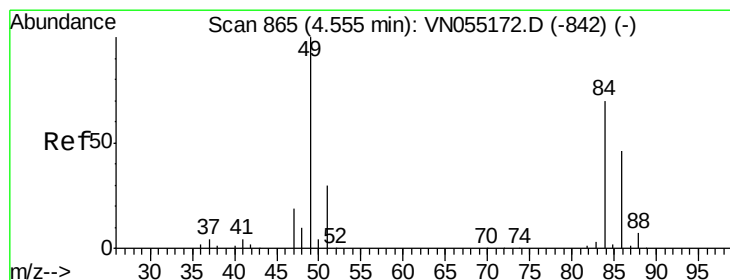
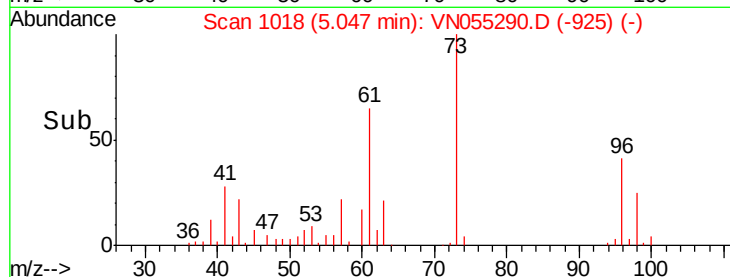
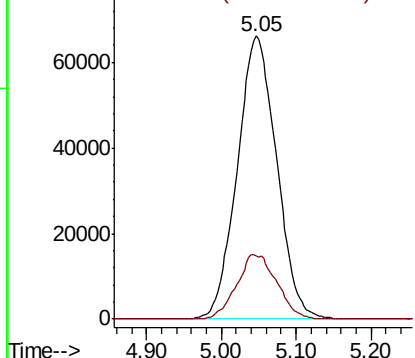
#19
Methyl tert-butyl Ether
Concen: 20.340 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion: 73 Resp: 241739
Ion Ratio Lower Upper
73 100
57 22.1 19.1 28.7

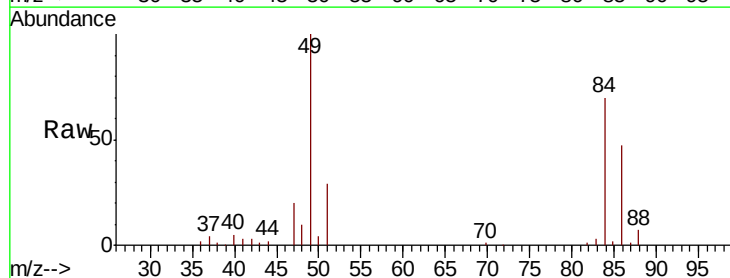


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

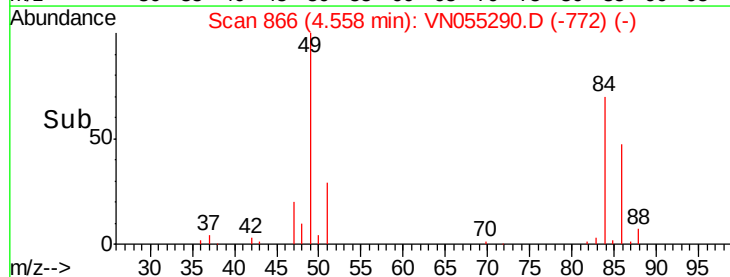
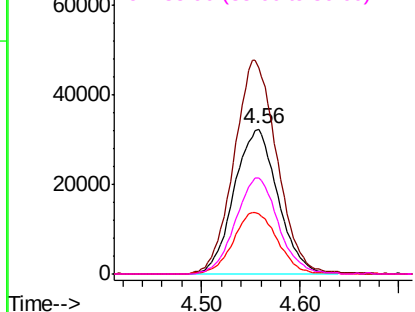


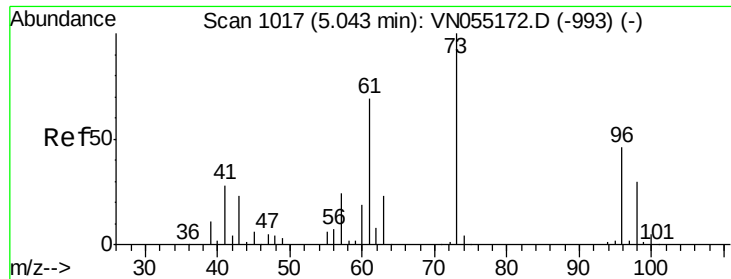
#20
Methylene Chloride
Concen: 18.653 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Tgt Ion: 84 Resp: 99323
Ion Ratio Lower Upper
84 100
49 142.6 112.4 168.6
51 41.5 34.6 51.8
86 66.3 51.9 77.9



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: 19.623 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

VN0429WBS01

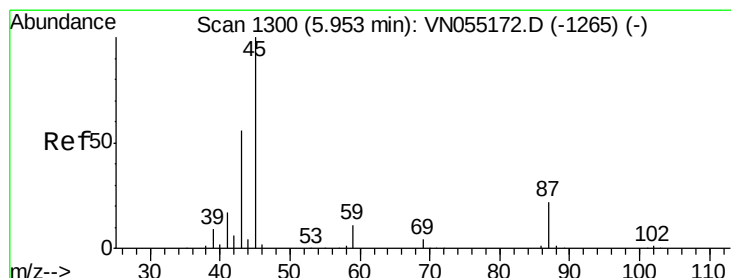
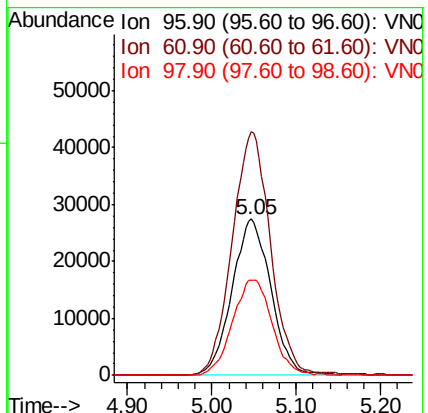
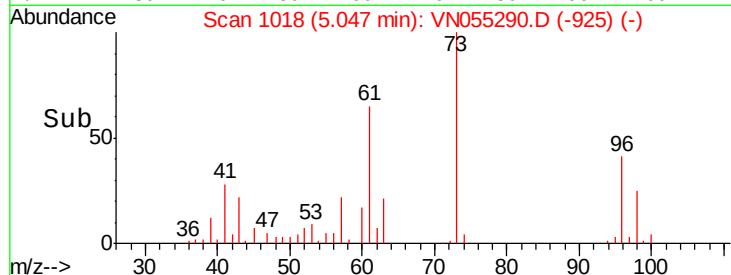
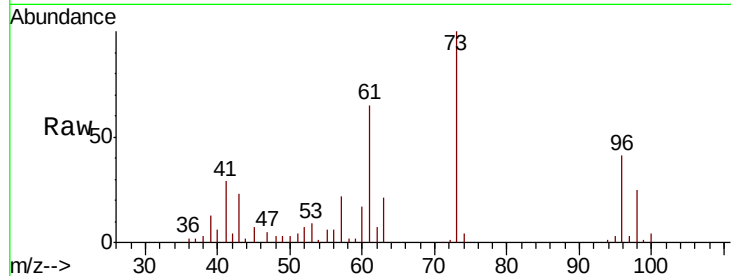
Tgt Ion: 96 Resp: 87859

Ion Ratio Lower Upper

96 100

61 155.9 126.2 189.4

98 61.0 52.2 78.2



#22

Diisopropyl ether

Concen: 20.199 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Tgt Ion: 45 Resp: 351401

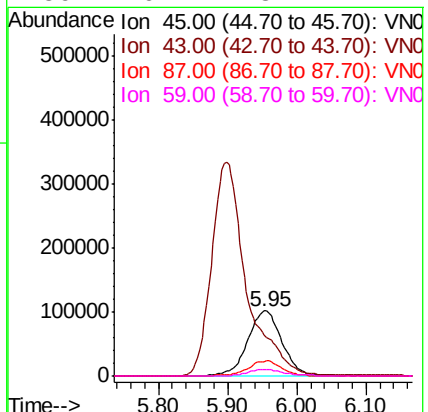
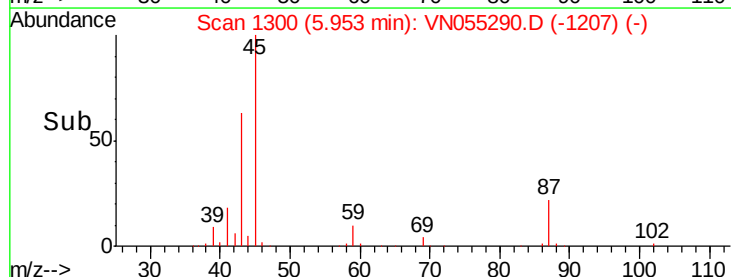
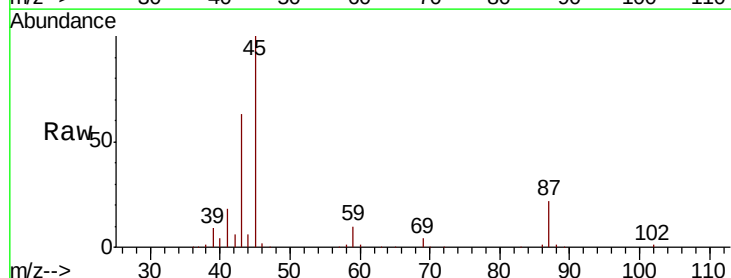
Ion Ratio Lower Upper

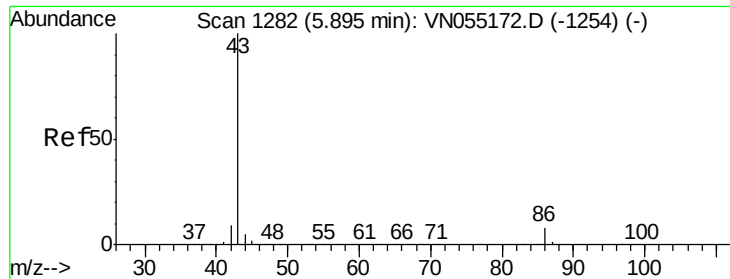
45 100

43 60.7 46.6 70.0

87 21.8 18.1 27.1

59 10.1 8.2 12.2

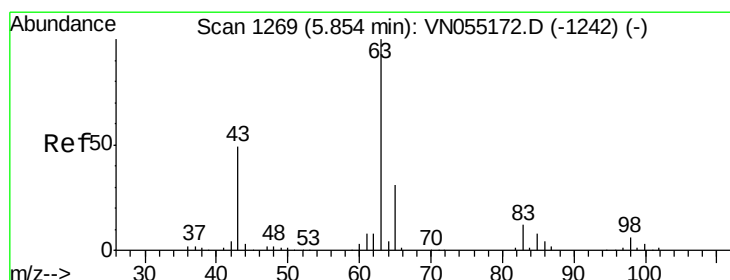
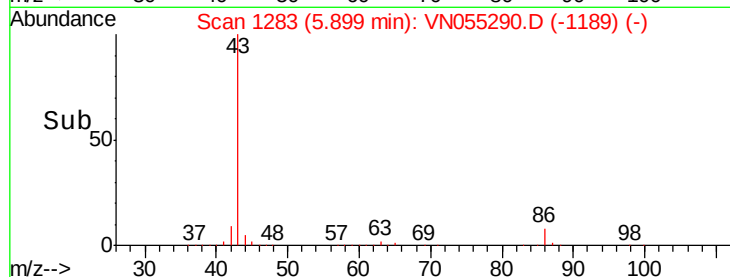
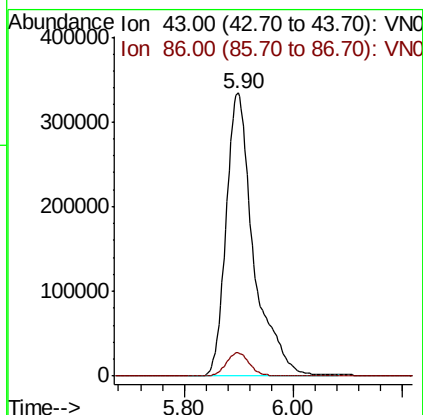
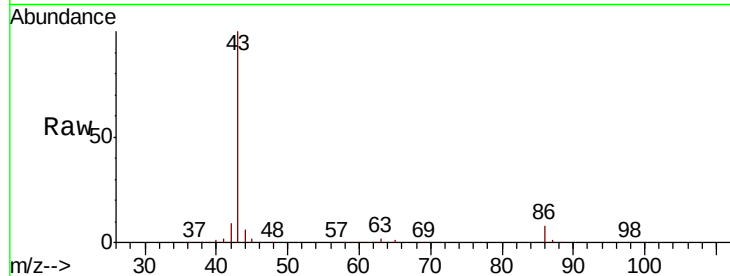




#23
 Vinyl Acetate
 Concen: 102.717 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

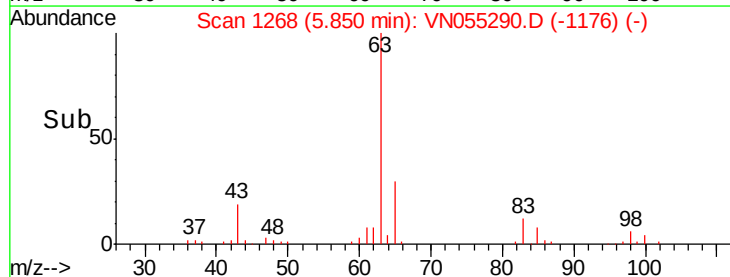
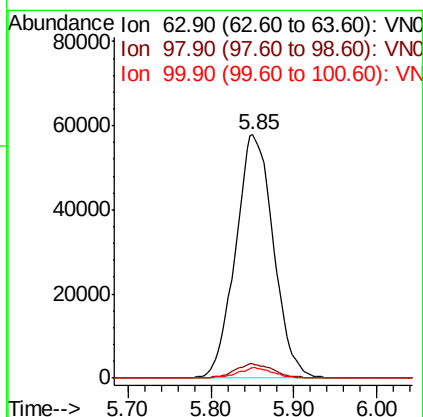
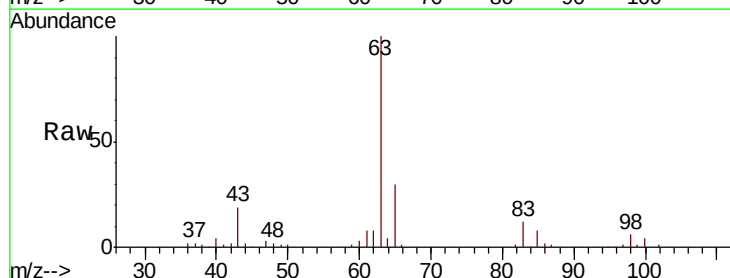
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

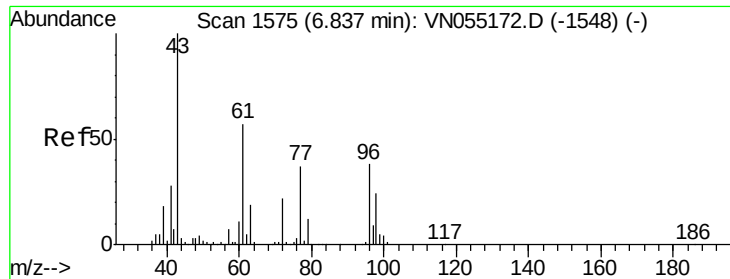
Tgt Ion: 43 Resp: 1171179
 Ion Ratio Lower Upper
 43 100
 86 8.2 6.6 10.0



#24
 1,1-Dichloroethane
 Concen: 19.763 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion: 63 Resp: 183191
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.0 9.0
 100 4.1 1.8 5.4

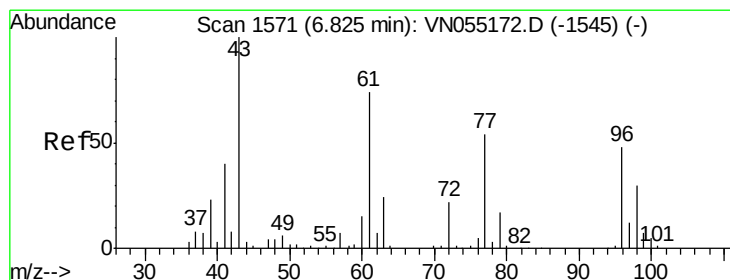
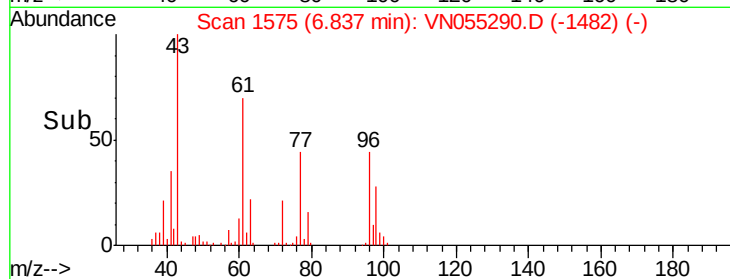
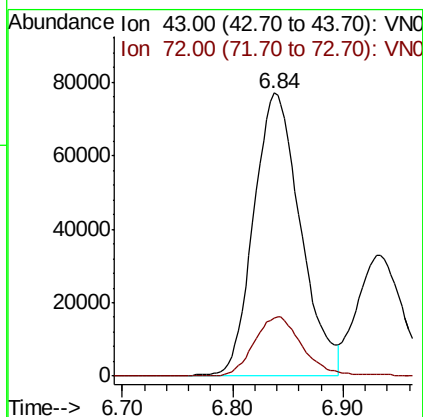
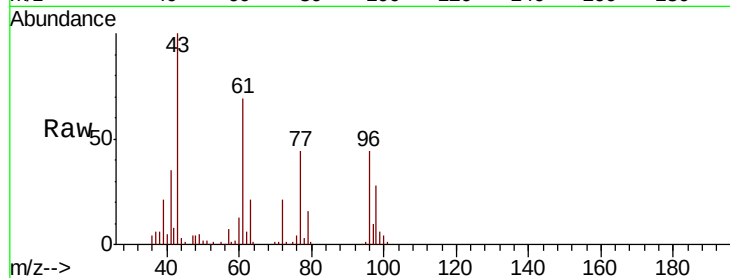




#25
 2-Butanone
 Concen: 101.202 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

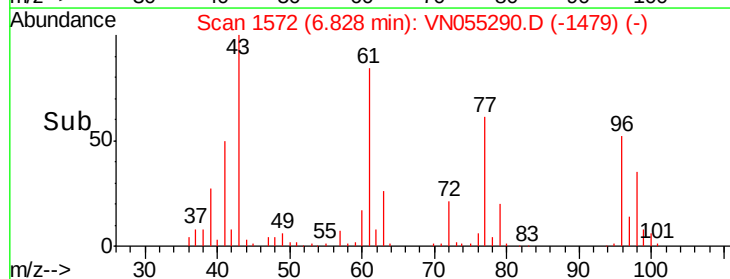
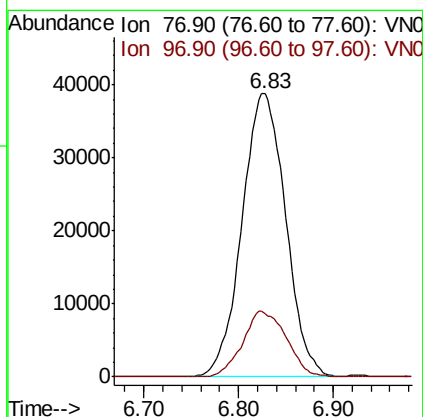
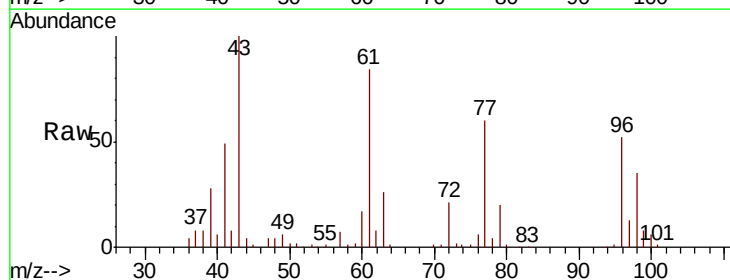
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

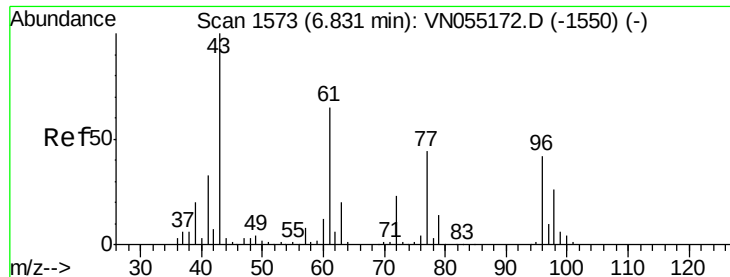
Tgt Ion: 43 Resp: 225782
 Ion Ratio Lower Upper
 43 100
 72 20.7 18.0 27.0



#26
 2,2-Dichloropropane
 Concen: 19.398 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion: 77 Resp: 124162
 Ion Ratio Lower Upper
 77 100
 97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.264 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

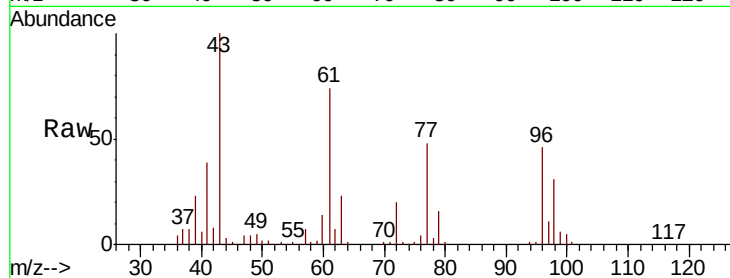
Tgt Ion: 96 Resp: 103178

Ion Ratio Lower Upper

96 100

61 158.8 0.0 316.2

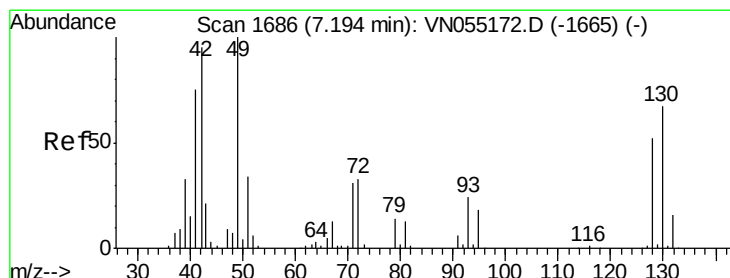
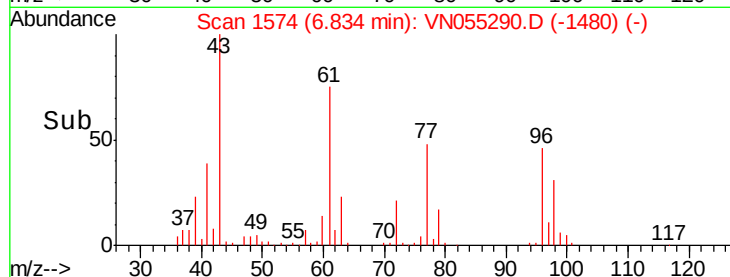
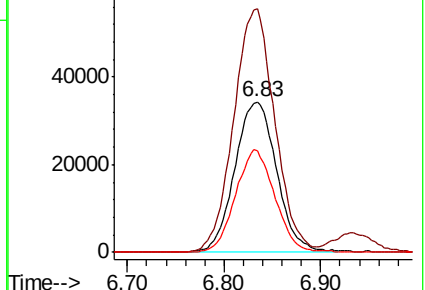
98 63.8 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.209 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

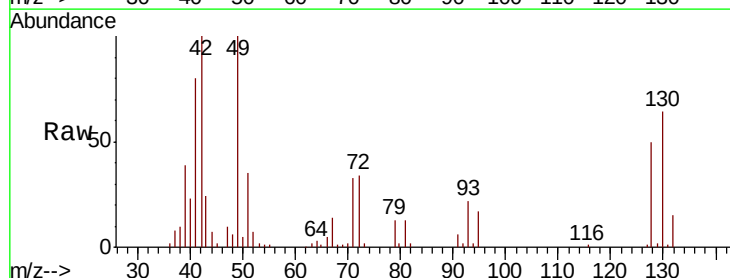
Tgt Ion: 49 Resp: 89750

Ion Ratio Lower Upper

49 100

129 1.5 0.0 2.4

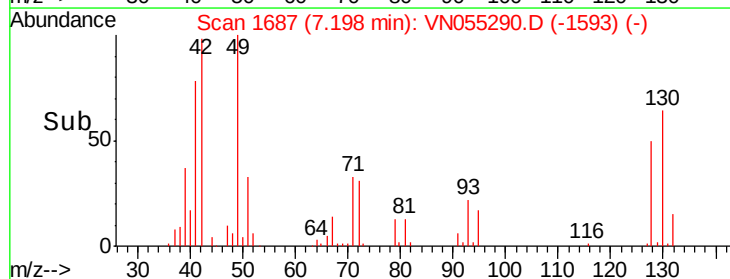
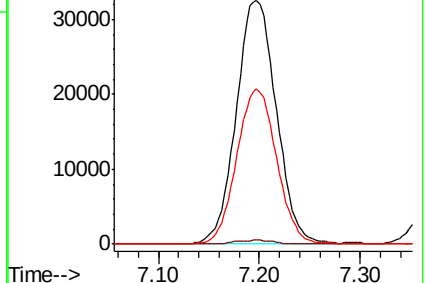
130 63.3 52.0 78.0

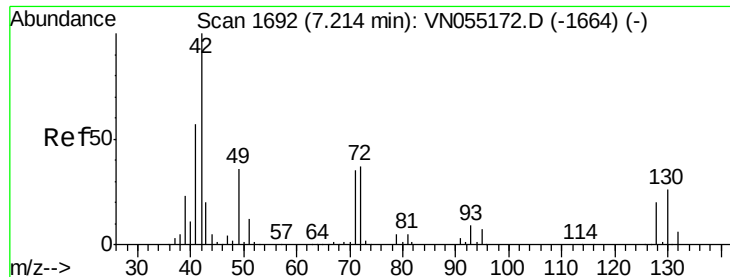


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 99.997 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

VN0429WBS01

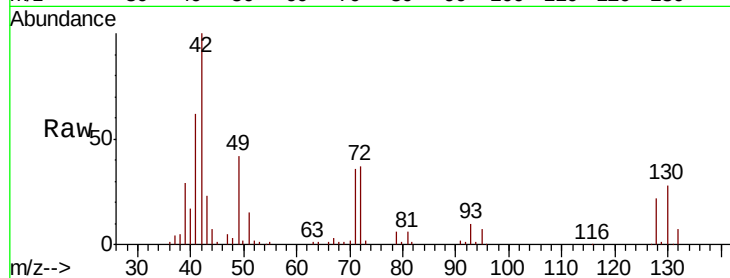
Tgt Ion: 42 Resp: 142854

Ion Ratio Lower Upper

42 100

72 36.5 29.0 43.6

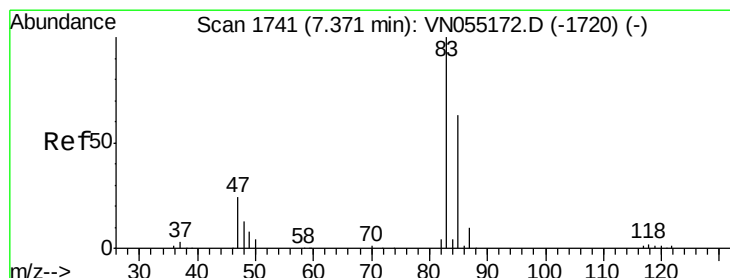
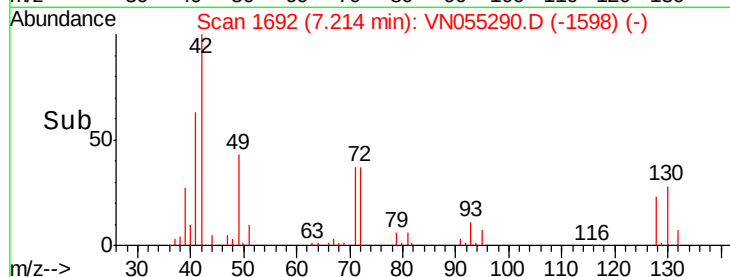
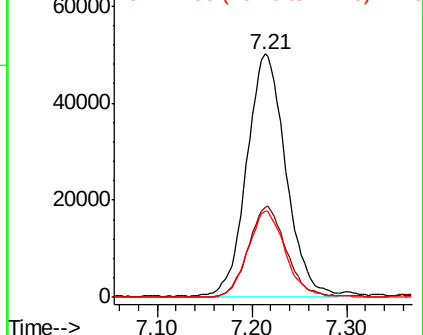
71 34.2 27.1 40.7



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: 19.353 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN055290.D

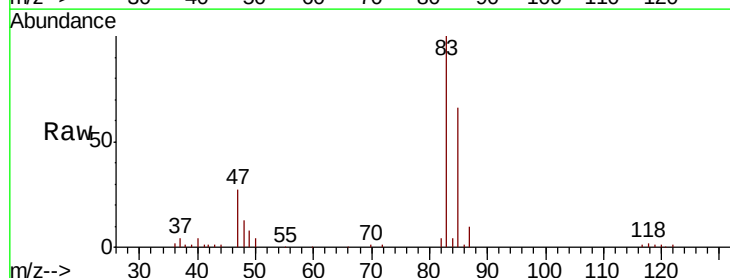
Acq: 29 Apr 2019 13:47

Tgt Ion: 83 Resp: 170052

Ion Ratio Lower Upper

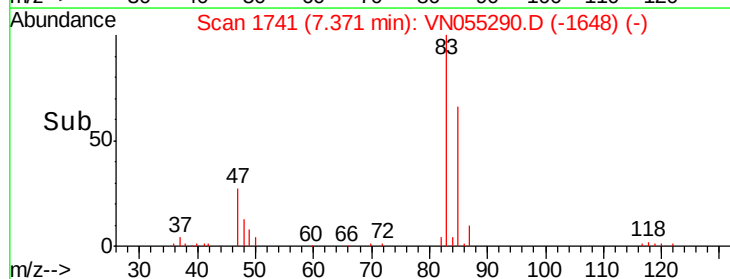
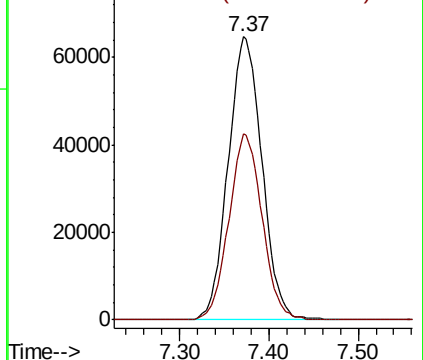
83 100

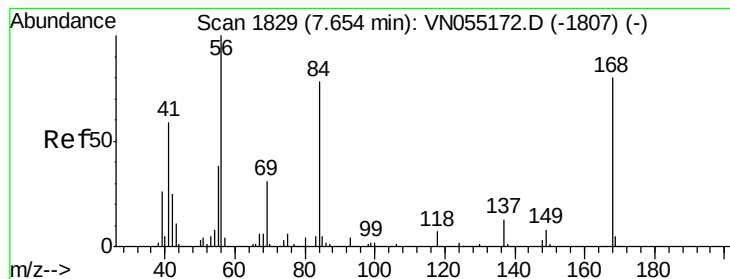
85 65.6 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.614 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

VN0429WBS01

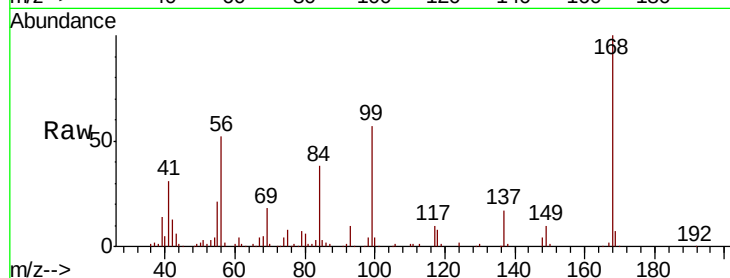
Tgt Ion: 56 Resp: 172733

Ion Ratio Lower Upper

56 100

69 34.5 25.2 37.8

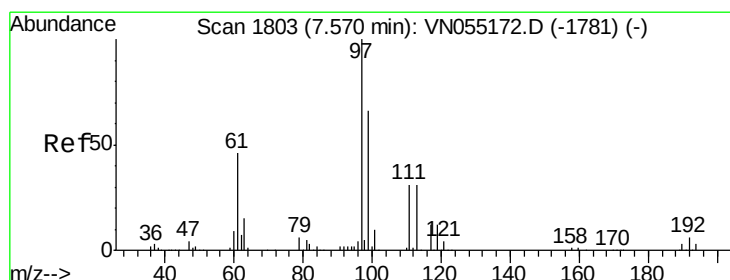
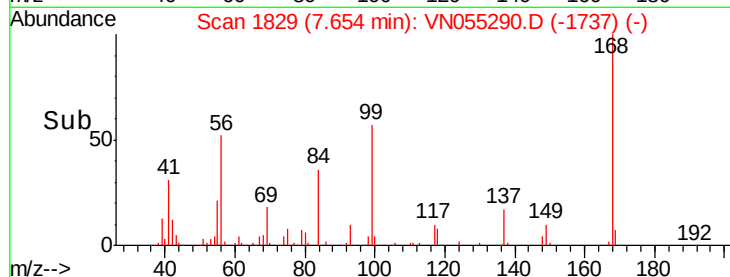
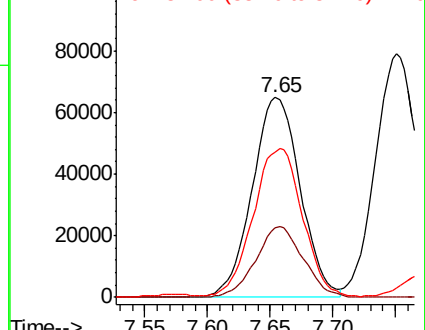
84 71.8 61.1 91.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.882 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

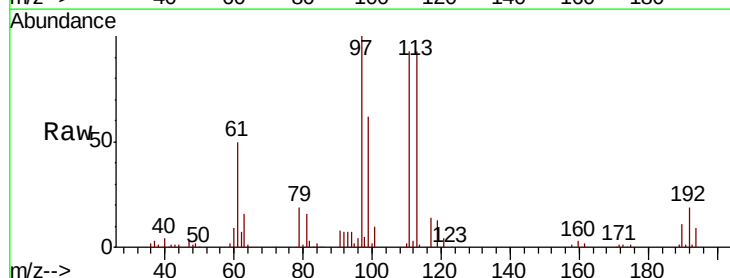
Tgt Ion: 97 Resp: 141788

Ion Ratio Lower Upper

97 100

99 62.3 51.8 77.8

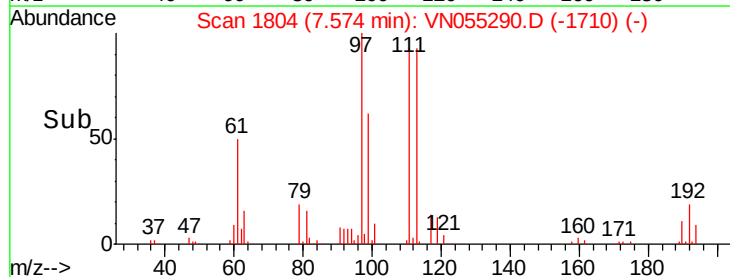
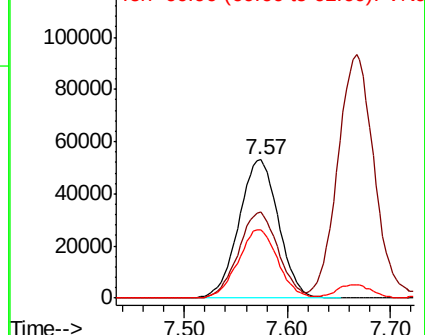
61 49.4 39.0 58.6

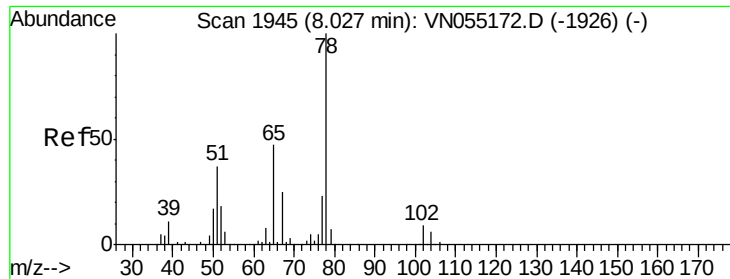


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

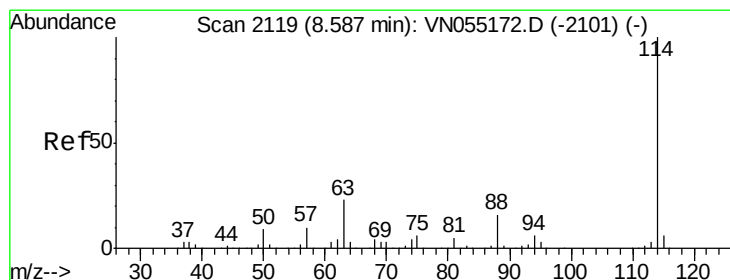
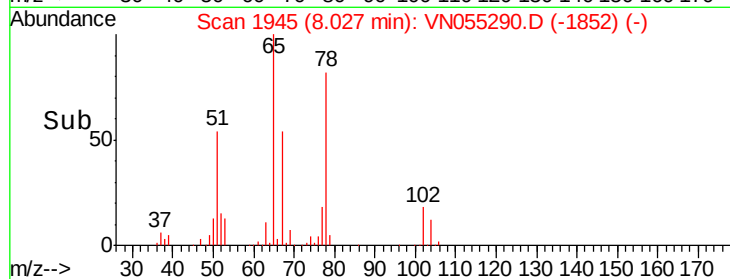
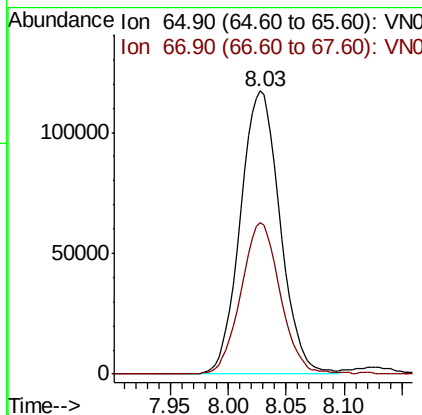
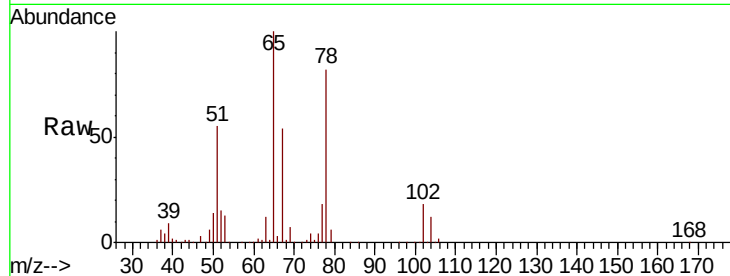




#33
 1,2-Dichloroethane-d4
 Concen: 49.862 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

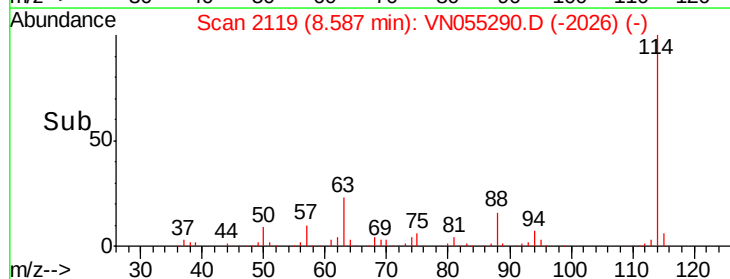
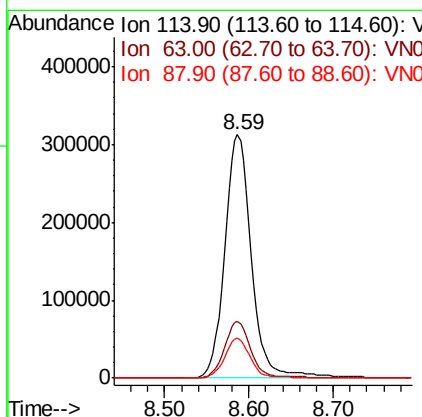
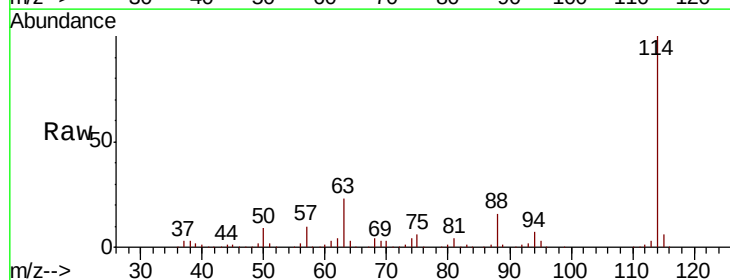
Instrument :
 MSVOA_N
 ClientSampled :
 VN0429WBS01

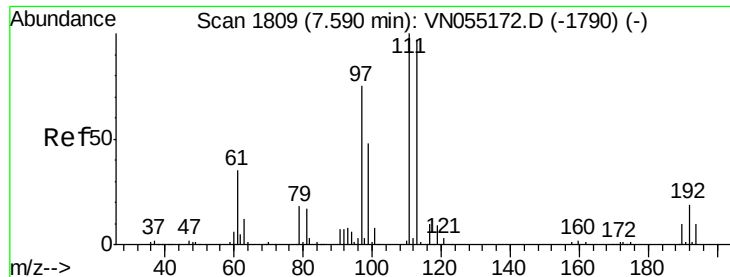
Tgt Ion: 65 Resp: 279166
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion: 114 Resp: 683569
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.2
 88 16.3 0.0 31.6

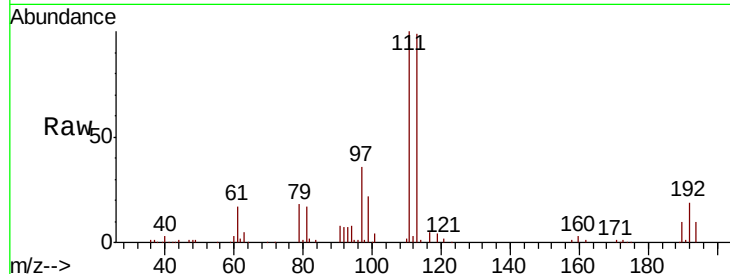




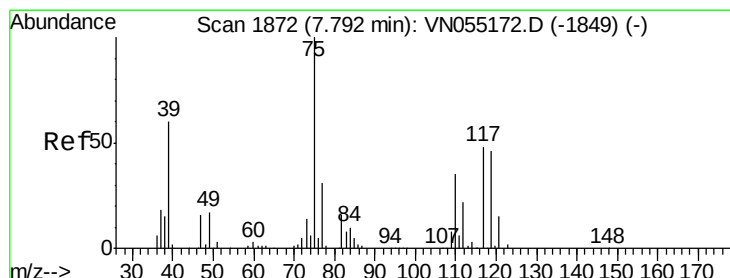
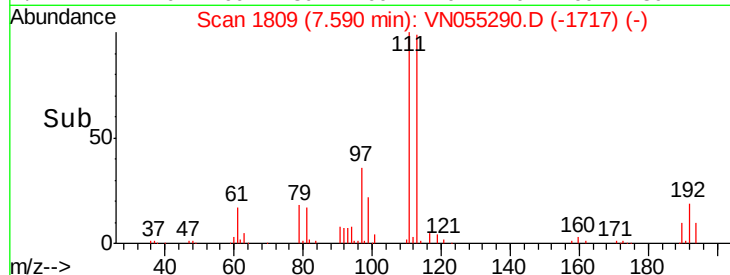
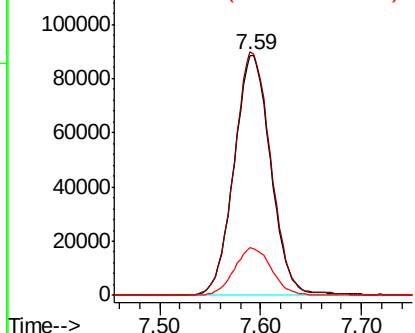
#35
 Dibromofluoromethane
 Concen: 49.694 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.3	123.5
192	20.0	17.0	25.6

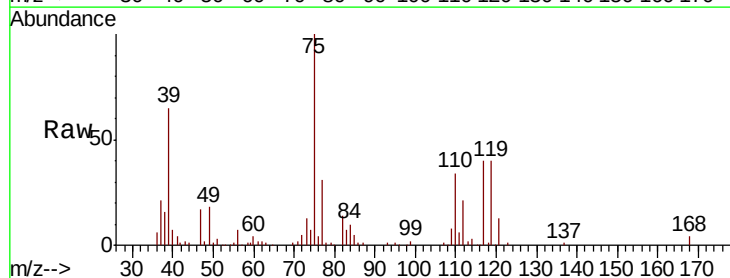


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

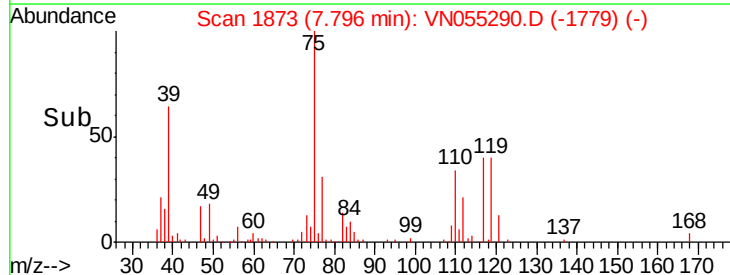
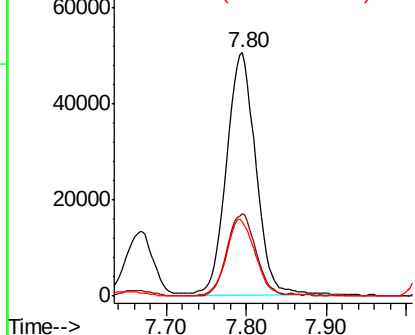


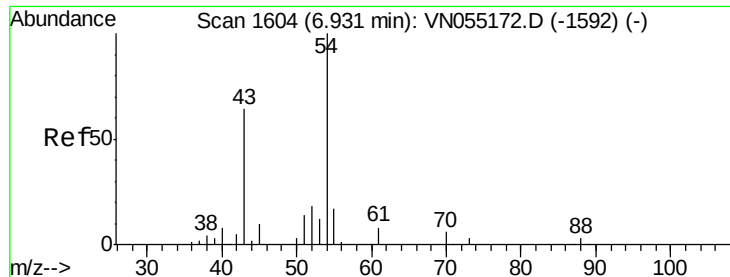
#36
 1,1-Dichloropropene
 Concen: 19.240 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.8	50.4
77	30.9	25.0	37.6



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

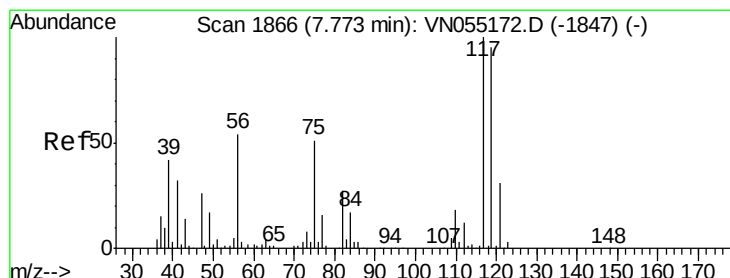
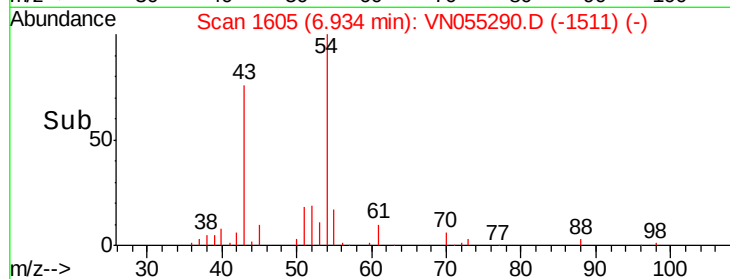
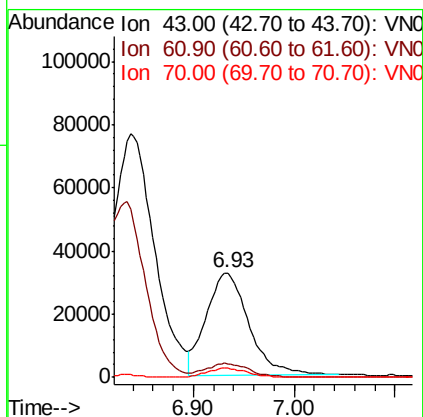
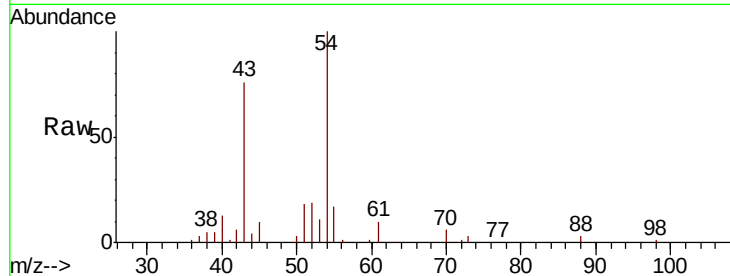




#37
Ethyl Acetate
Concen: 19.067 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

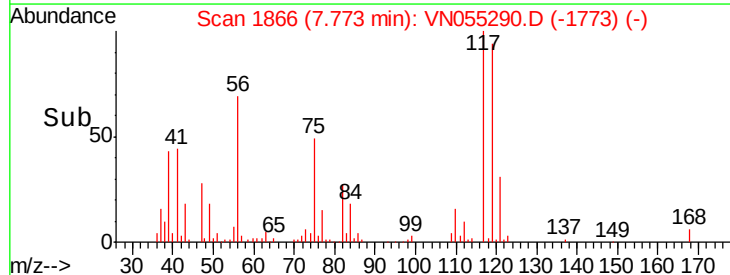
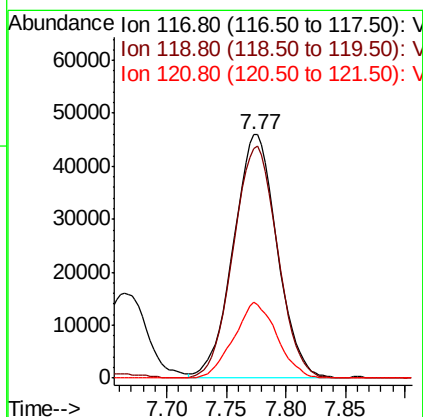
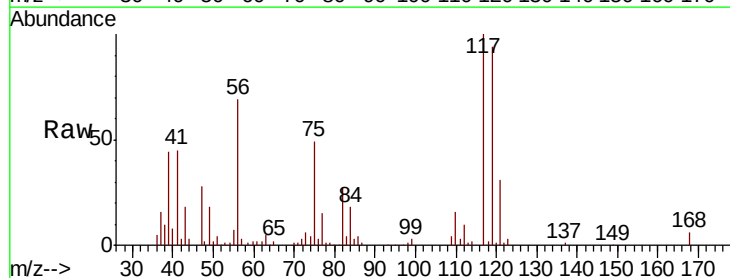
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

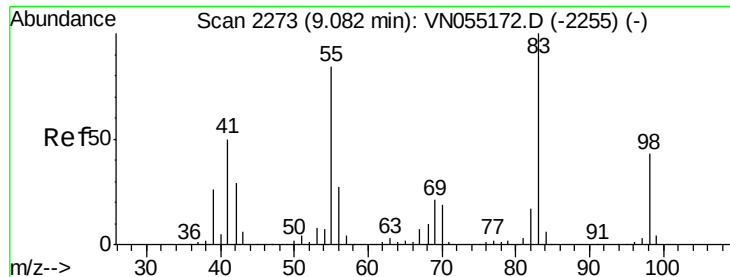
Tgt Ion: 43 Resp: 95681
Ion Ratio Lower Upper
43 100
61 14.2 10.4 15.6
70 8.6 6.6 10.0



#38
Carbon Tetrachloride
Concen: 18.569 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Tgt Ion: 117 Resp: 117279
Ion Ratio Lower Upper
117 100
119 94.4 77.0 115.6
121 31.1 23.8 35.8

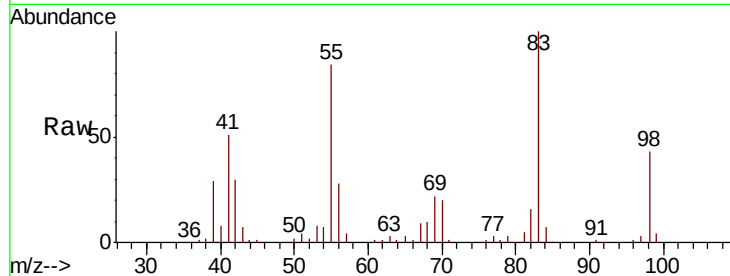




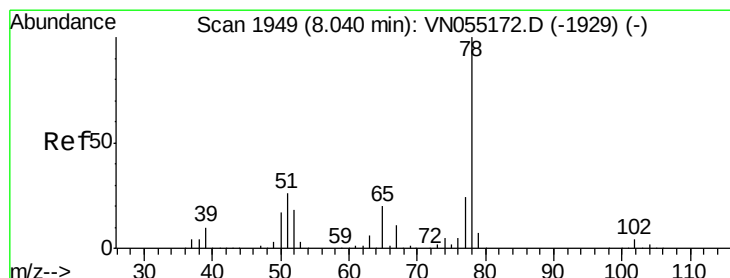
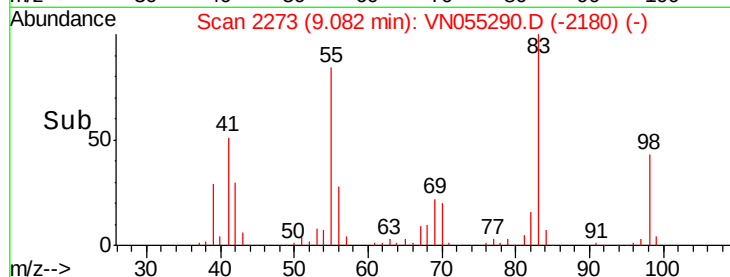
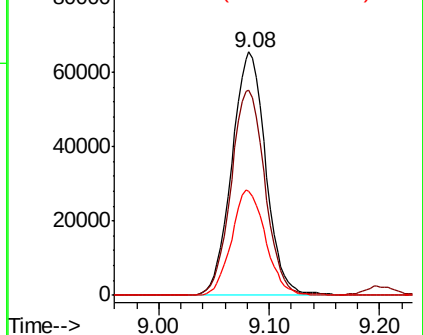
#39
Methylcyclohexane
Concen: 20.034 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion: 83 Resp: 139468
Ion Ratio Lower Upper
83 100
55 84.2 67.8 101.6
98 42.8 36.2 54.4

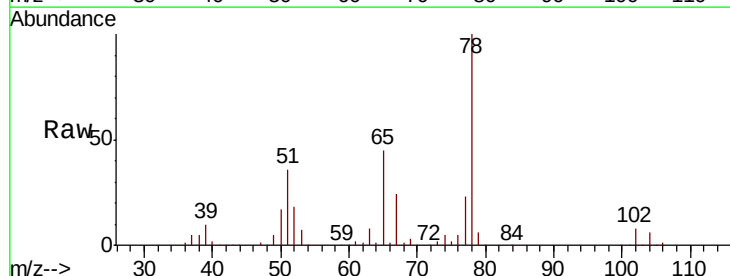


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

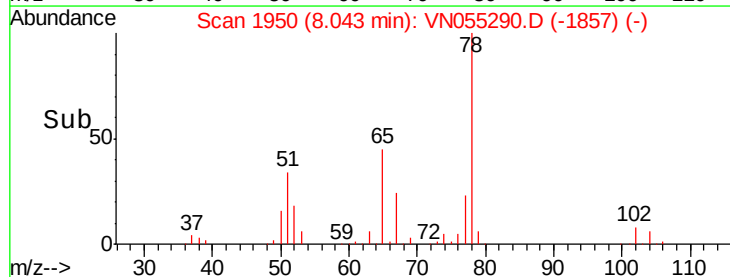
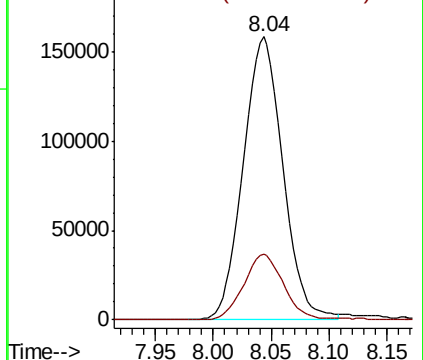


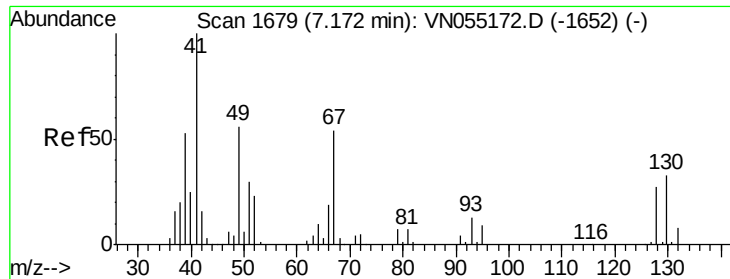
#40
Benzene
Concen: 19.574 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Tgt Ion: 78 Resp: 377803
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6



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

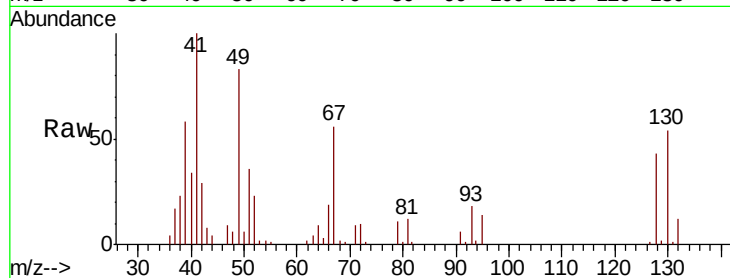




#41
Methacrylonitrile
Concen: 18.891 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion:	41	Resp:	50037
Ion	Ratio	Lower	Upper
41	100		
39	64.3	48.5	72.7
67	75.7	54.9	82.3
52	33.4	24.9	37.3



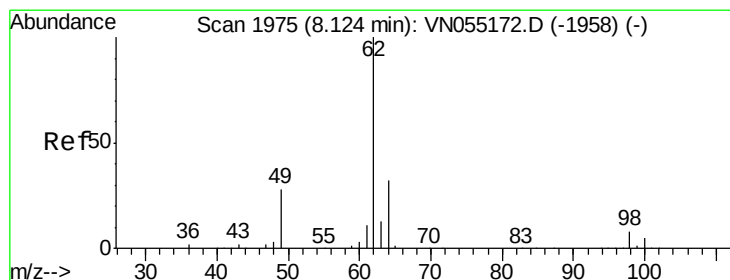
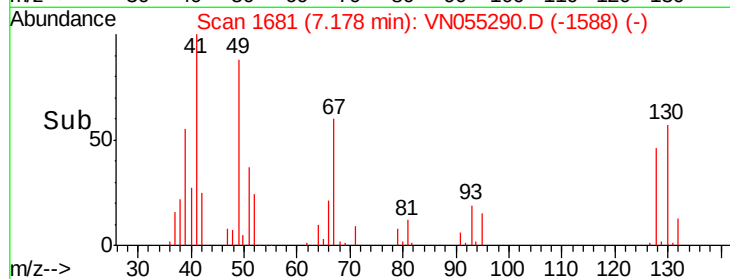
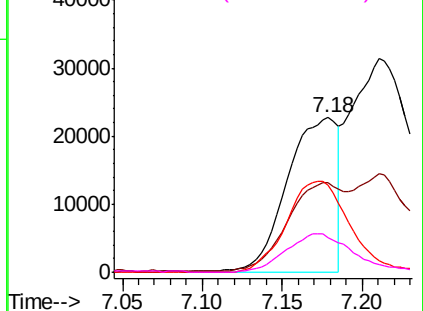
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

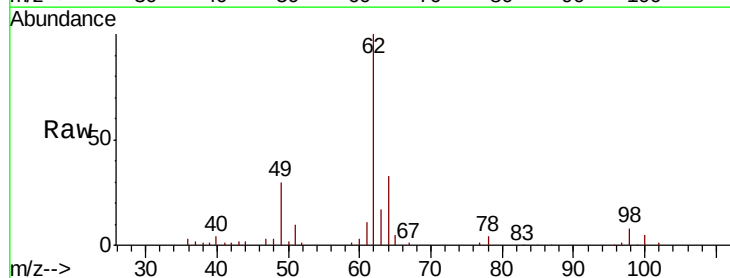
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 19.591 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

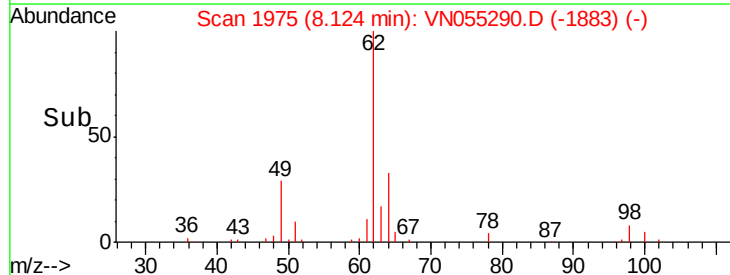
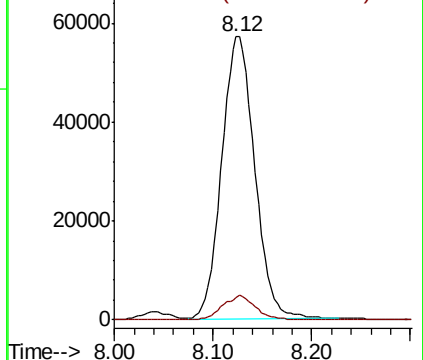
Tgt Ion:	62	Resp:	133927
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.4

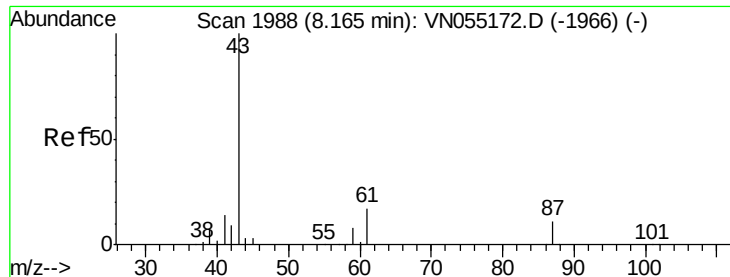


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 19.810 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

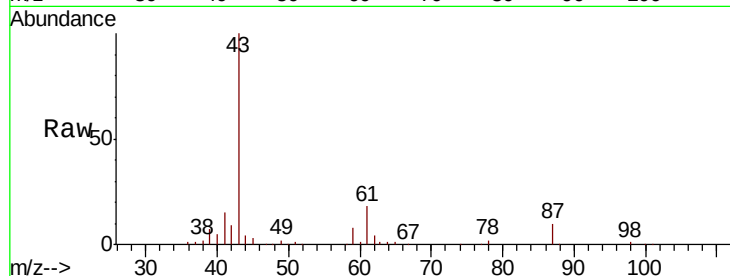
Tgt Ion: 43 Resp: 159757

Ion Ratio Lower Upper

43 100

61 18.0 20.8 31.2#

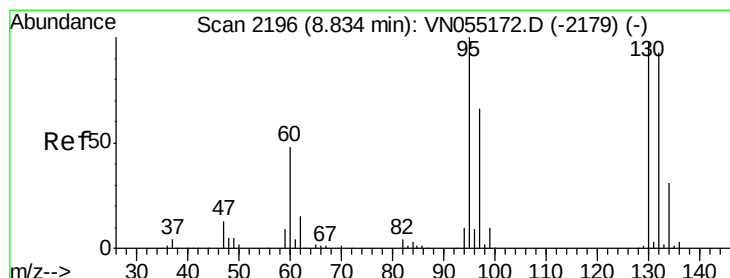
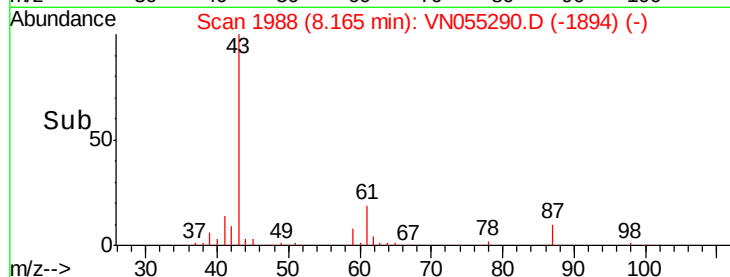
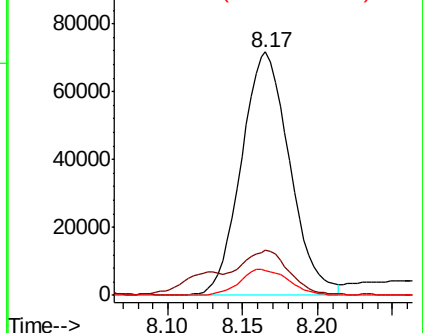
87 10.8 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055172.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN055172.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN055172.D (-1966) (-)



#44

Trichloroethene

Concen: 19.229 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055290.D

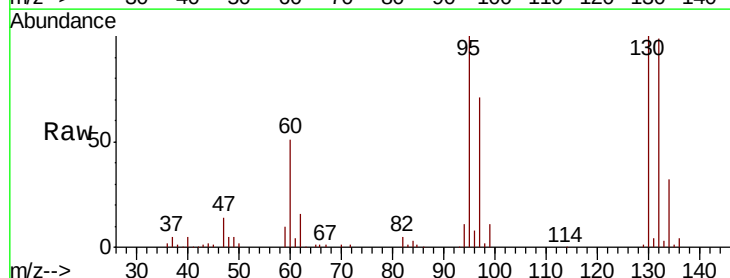
Acq: 29 Apr 2019 13:47

Tgt Ion: 130 Resp: 94619

Ion Ratio Lower Upper

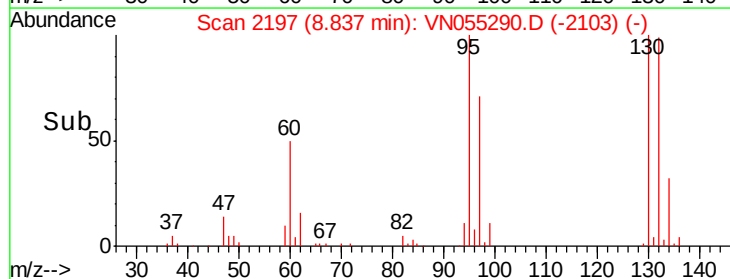
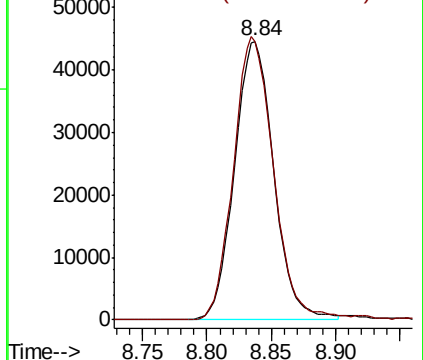
130 100

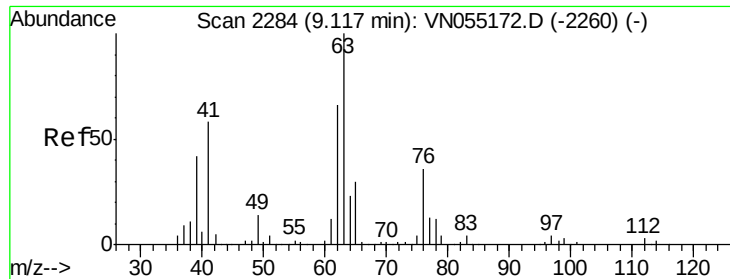
95 99.9 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055172.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055172.D (-2179) (-)

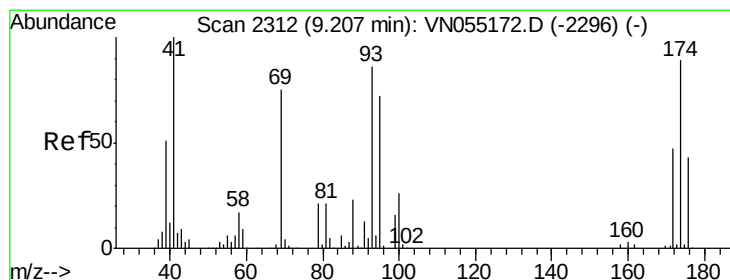
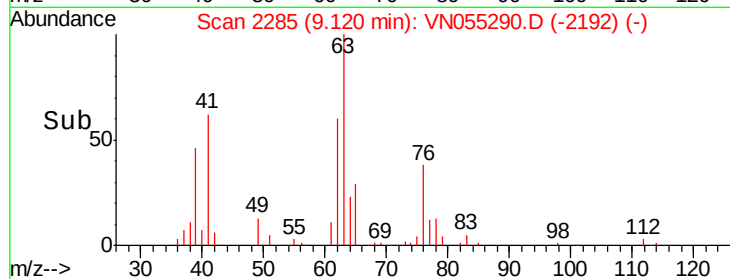
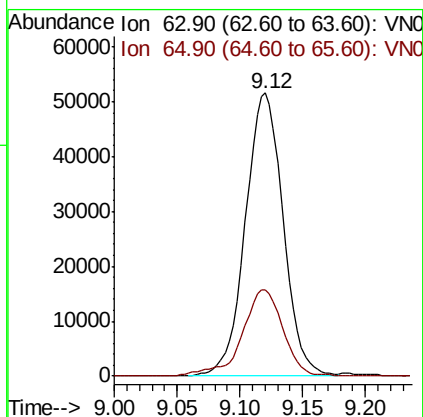
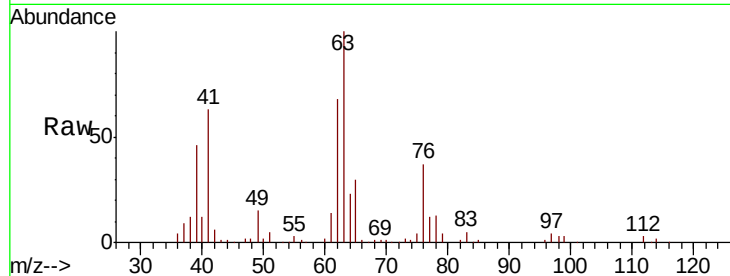




#45
 1,2-Dichloropropane
 Concen: 19.435 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

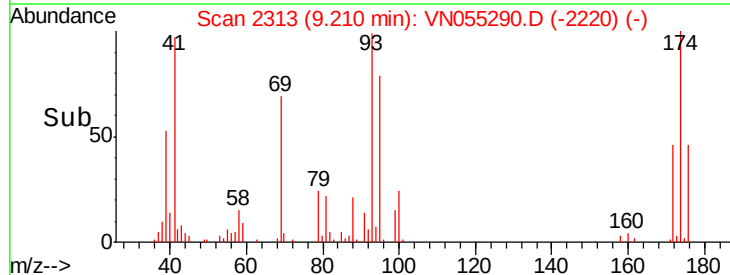
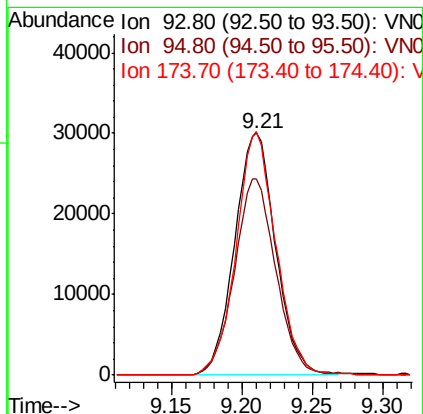
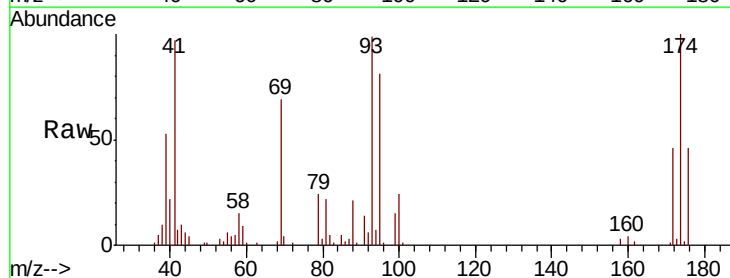
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

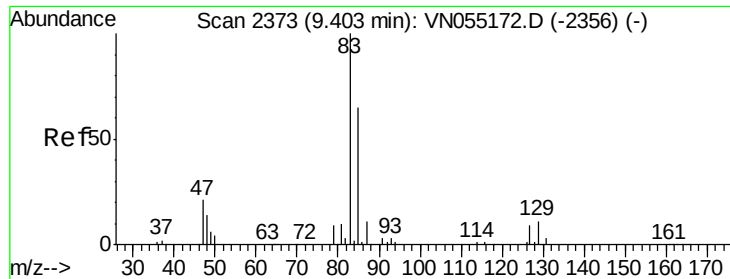
Tgt Ion: 63 Resp: 108191
 Ion Ratio Lower Upper
 63 100
 65 29.9 23.9 35.9



#46
 Dibromomethane
 Concen: 20.097 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion: 93 Resp: 61153
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.7 98.5
 174 97.0 81.5 122.3





#47

Bromodichloromethane

Concen: 19.302 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

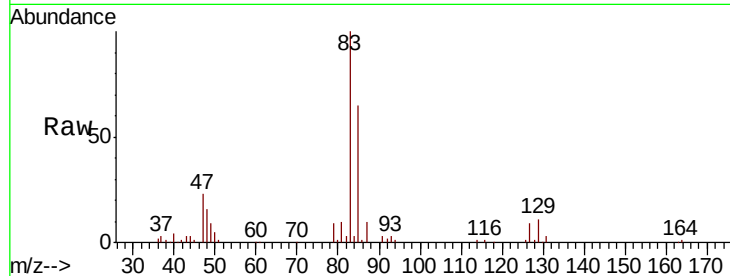
Tgt Ion: 83 Resp: 126003

Ion Ratio Lower Upper

83 100

85 65.4 50.1 75.1

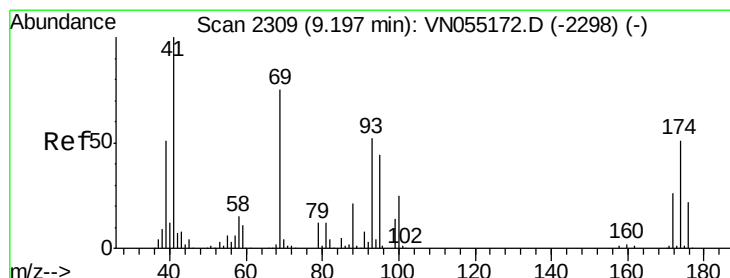
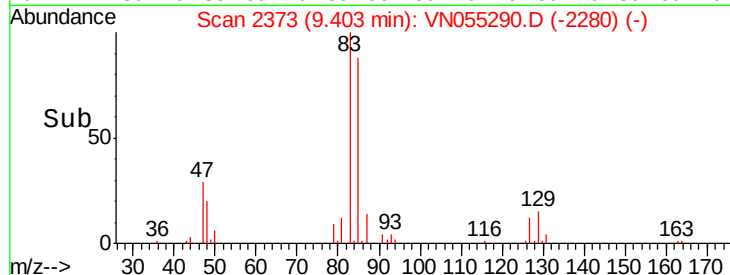
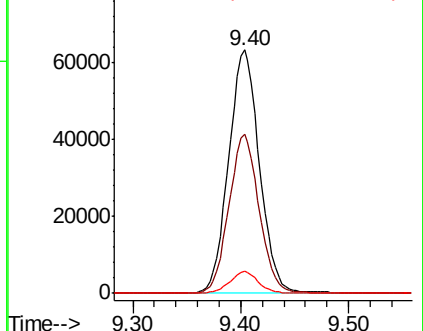
127 8.9 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.341 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

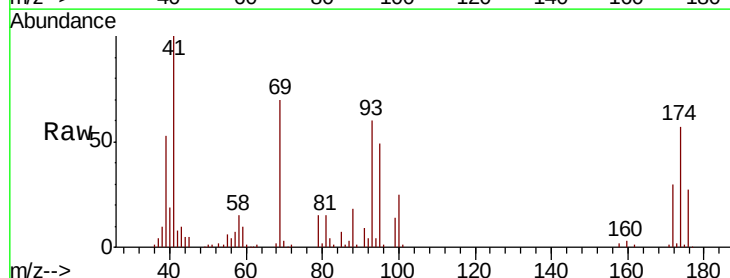
Tgt Ion: 41 Resp: 76679

Ion Ratio Lower Upper

41 100

69 74.9 58.6 87.8

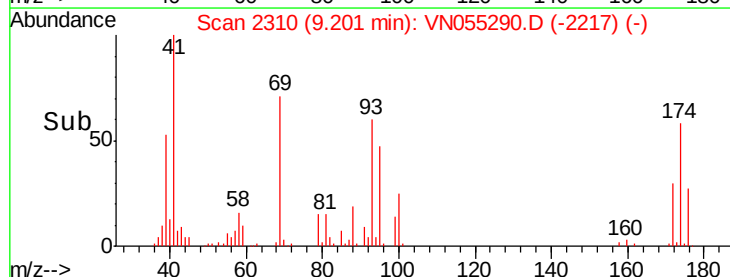
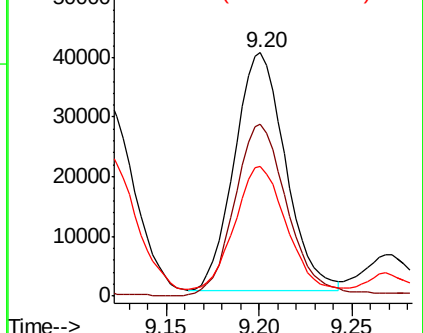
39 56.3 43.8 65.6

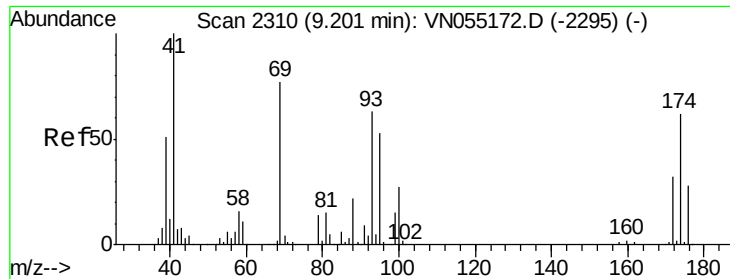


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 408.445 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

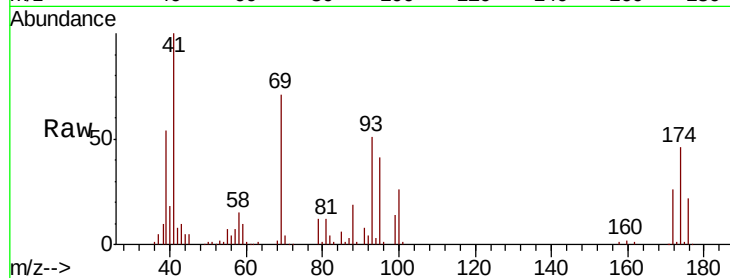
Tgt Ion: 88 Resp: 16739

Ion Ratio Lower Upper

88 100

43 41.8 33.3 49.9

58 79.3 62.7 94.1

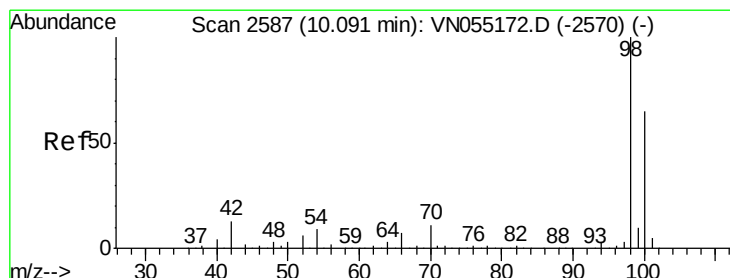
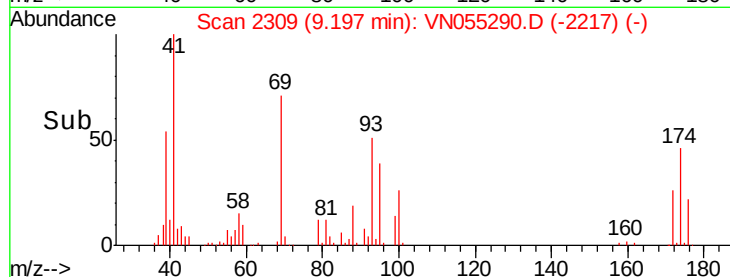
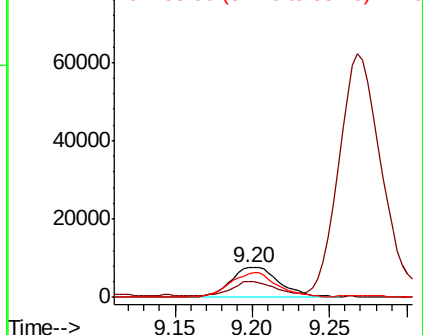


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.767 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055290.D

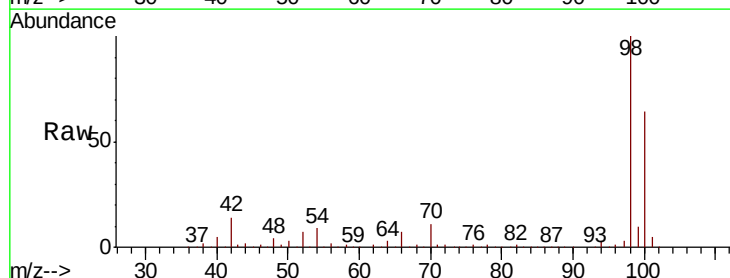
Acq: 29 Apr 2019 13:47

Tgt Ion: 98 Resp: 806278

Ion Ratio Lower Upper

98 100

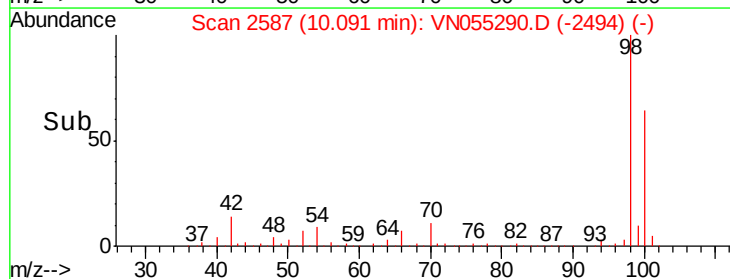
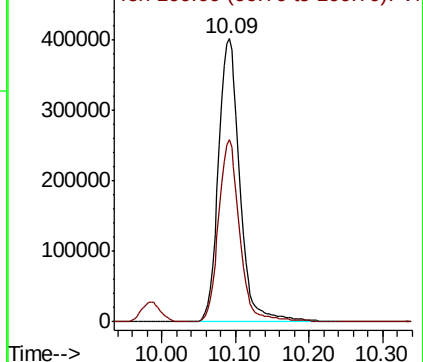
100 63.8 51.7 77.5

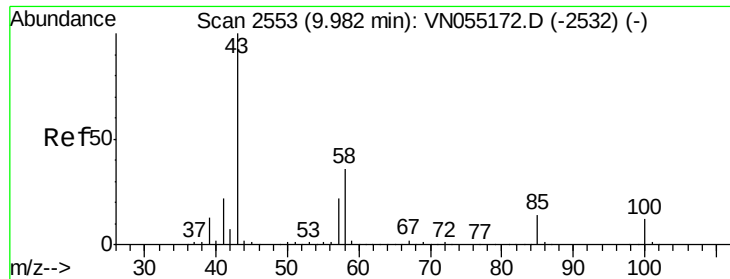


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 101.069 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

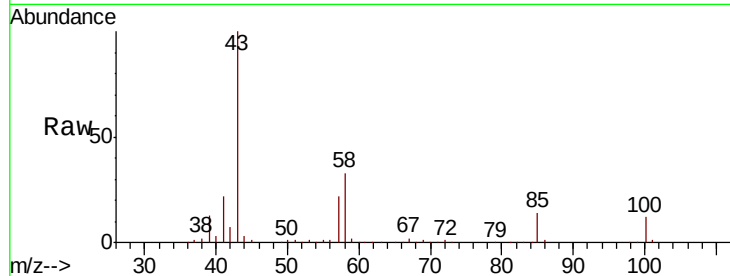
VN0429WBS01

Tgt Ion: 43 Resp: 458893

Ion Ratio Lower Upper

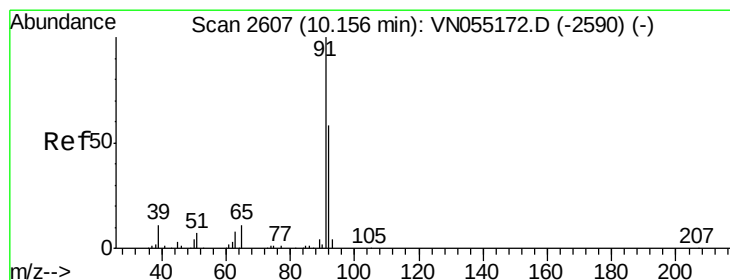
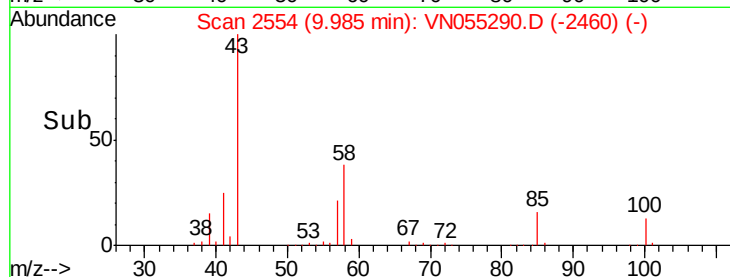
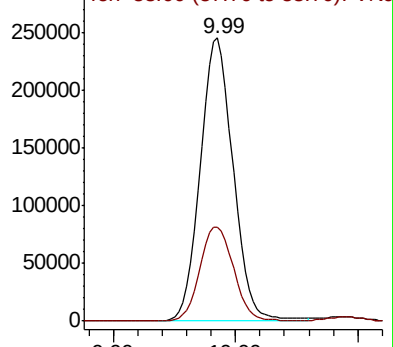
43 100

58 34.5 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.203 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055290.D

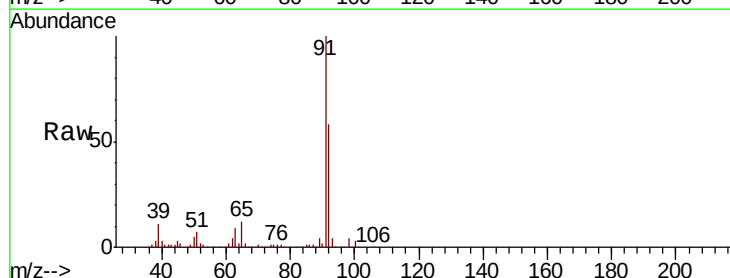
Acq: 29 Apr 2019 13:47

Tgt Ion: 92 Resp: 223746

Ion Ratio Lower Upper

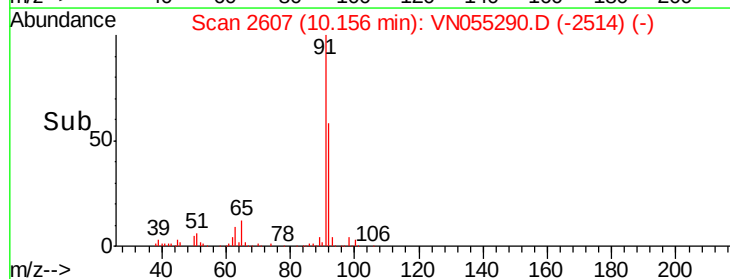
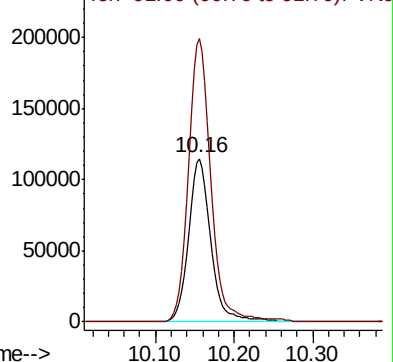
92 100

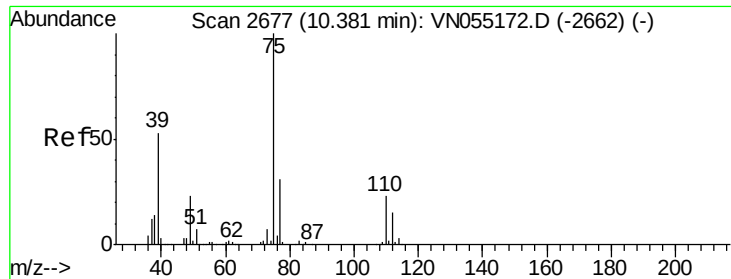
91 174.0 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 20.011 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

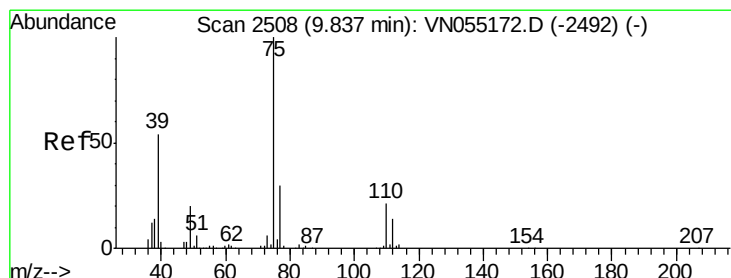
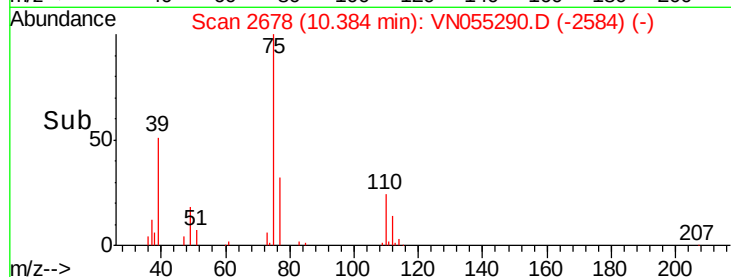
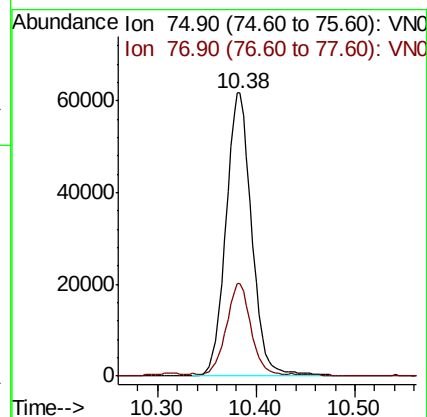
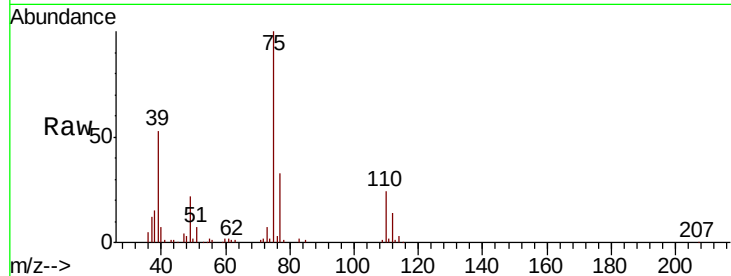
VN0429WBS01

Tgt Ion: 75 Resp: 113399

Ion Ratio Lower Upper

75 100

77 32.4 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 20.358 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

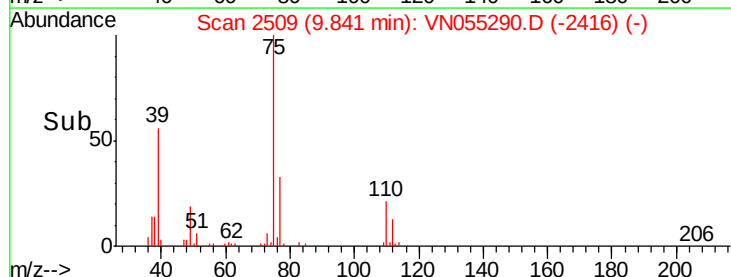
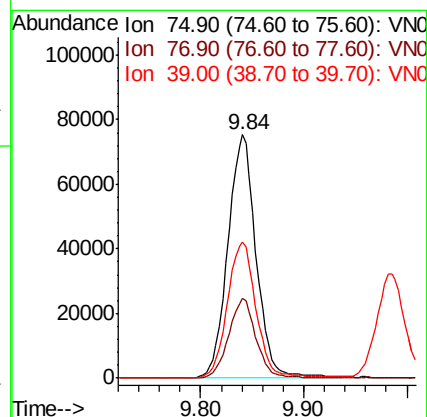
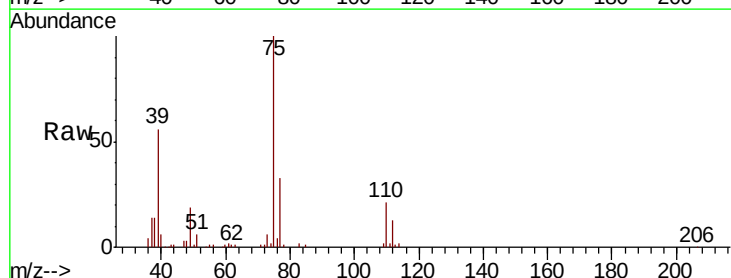
Tgt Ion: 75 Resp: 143844

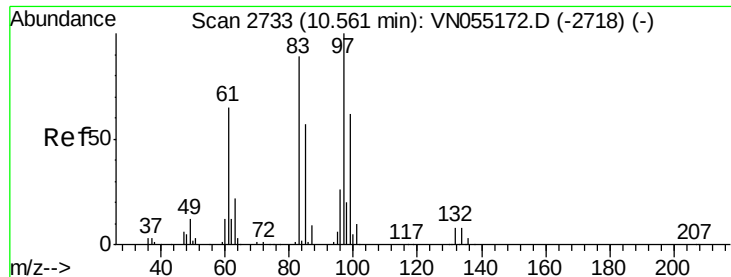
Ion Ratio Lower Upper

75 100

77 32.8 24.2 36.2

39 55.9 44.2 66.2





#55

1,1,2-Trichloroethane

Concen: 19.907 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

Tgt Ion: 97 Resp: 81866

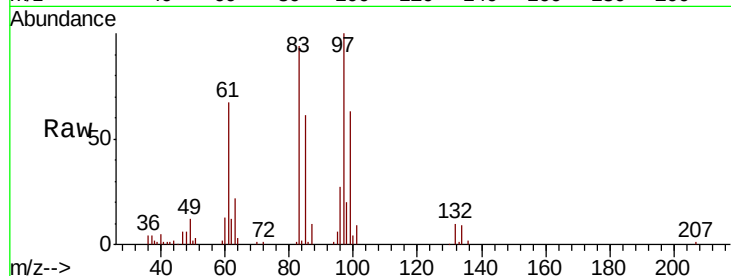
Ion Ratio Lower Upper

97 100

83 93.6 72.8 109.2

85 61.0 47.0 70.6

99 62.6 49.0 73.4

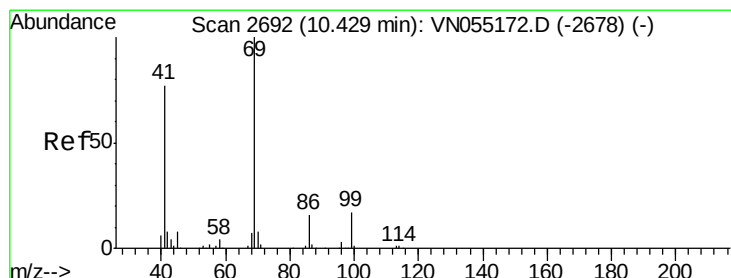
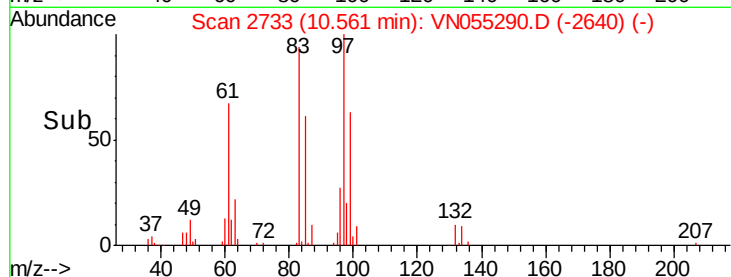
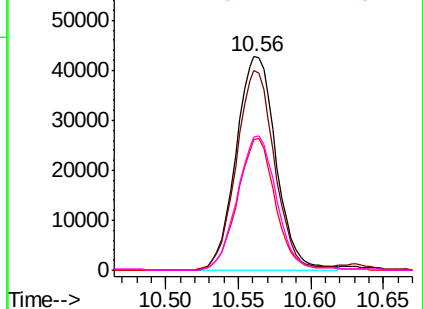


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.387 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

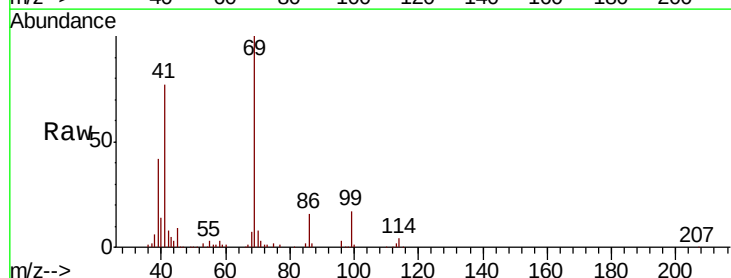
Tgt Ion: 69 Resp: 103198

Ion Ratio Lower Upper

69 100

41 76.0 62.7 94.1

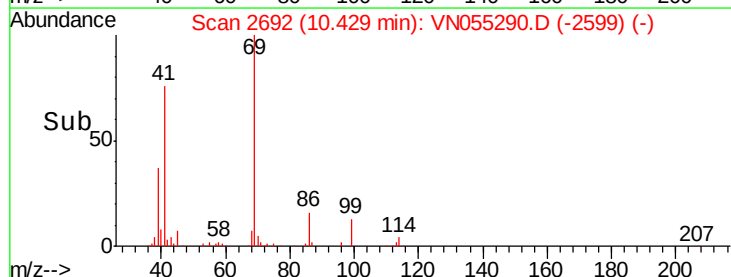
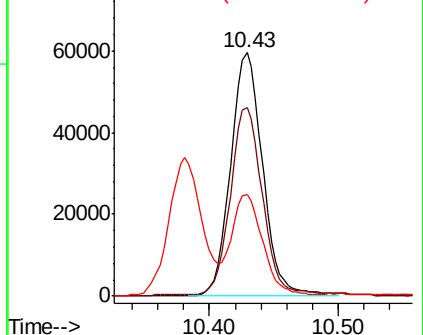
39 40.6 32.0 48.0

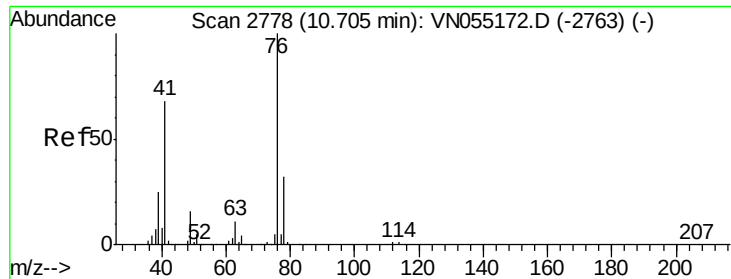


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

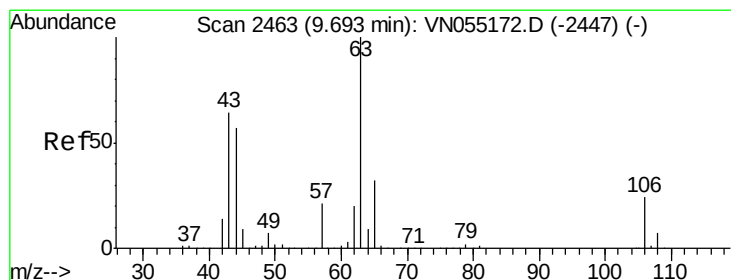
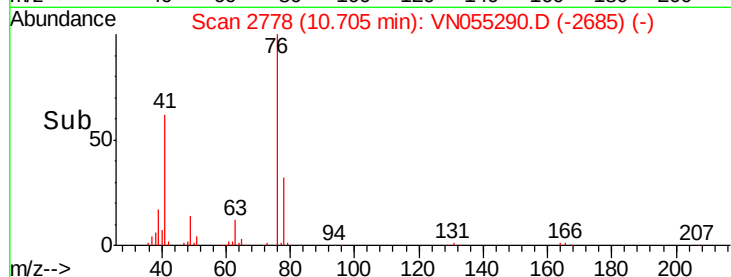
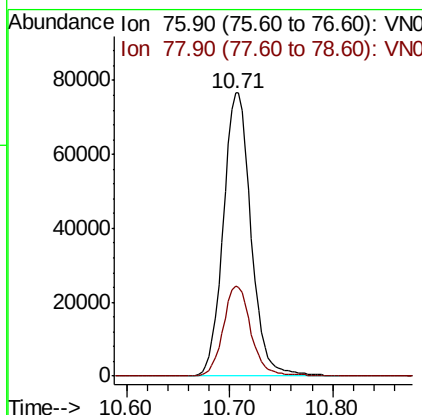
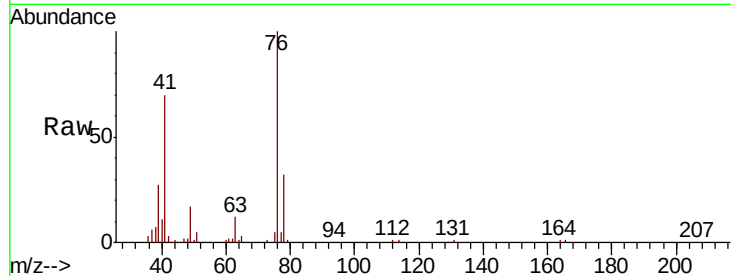




#57
 1,3-Dichloropropane
 Concen: 19.939 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

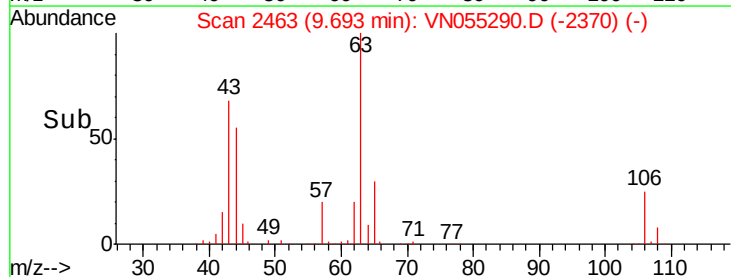
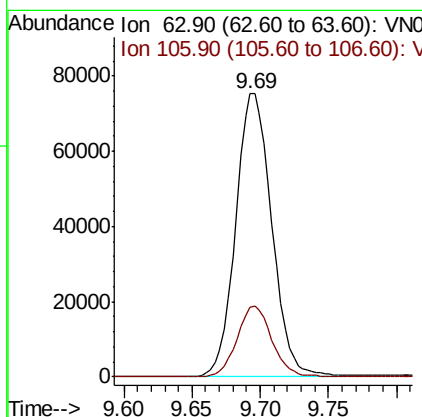
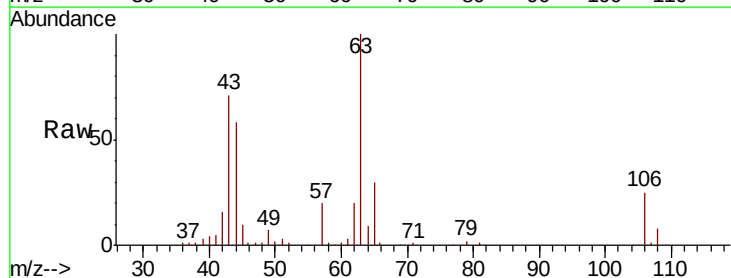
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

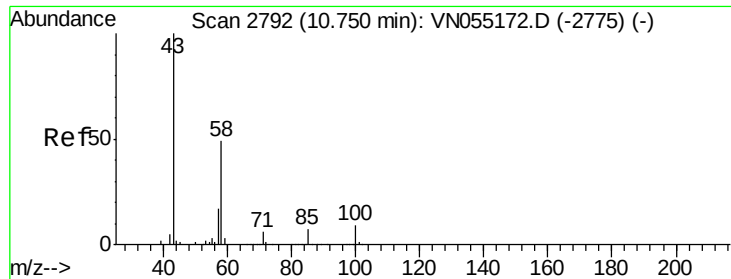
Tgt Ion: 76 Resp: 143847
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.114 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion: 63 Resp: 138368
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.0 28.4

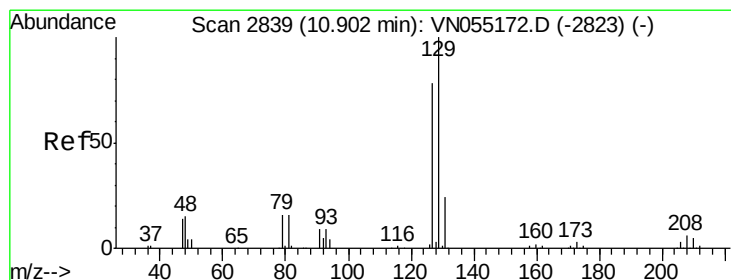
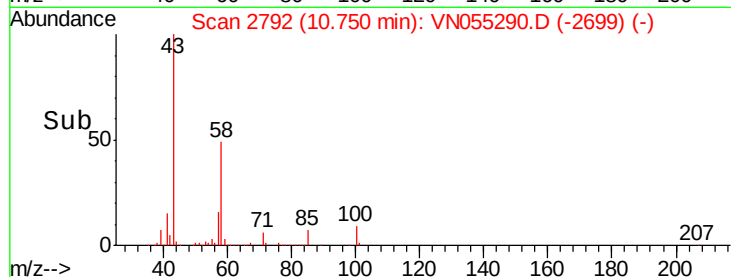
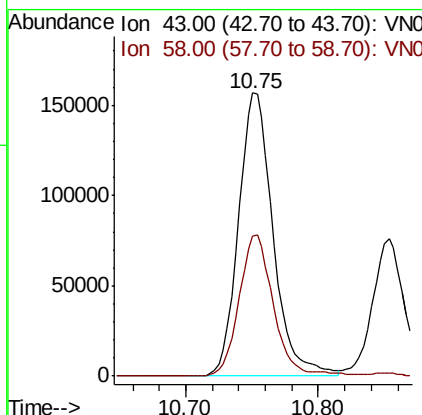
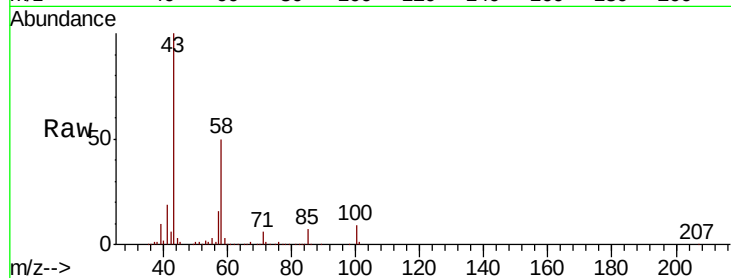




#59
2-Hexanone
Concen: 99.591 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

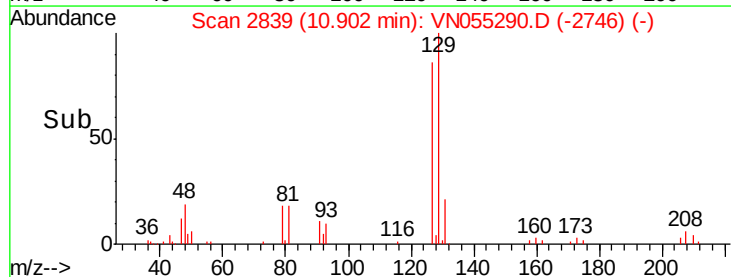
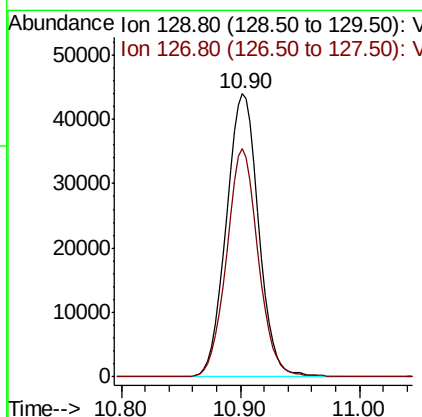
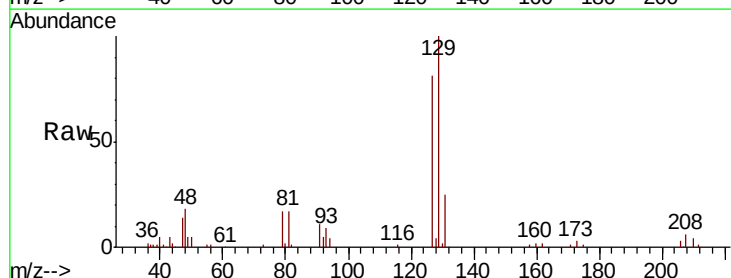
Instrument :
MSVOA_N
ClientSampled :
VN0429WBS01

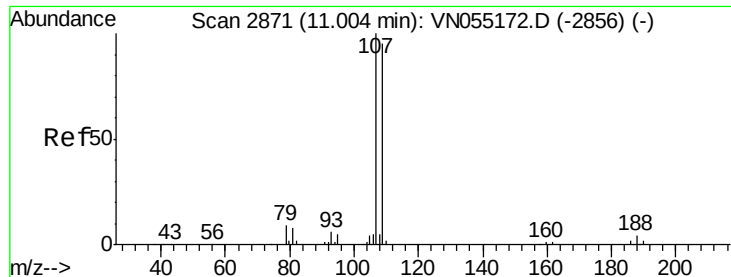
Tgt Ion: 43 Resp: 282925
Ion Ratio Lower Upper
43 100
58 49.9 24.9 74.6



#60
Dibromochloromethane
Concen: 19.666 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Tgt Ion: 129 Resp: 82659
Ion Ratio Lower Upper
129 100
127 79.2 38.1 114.5

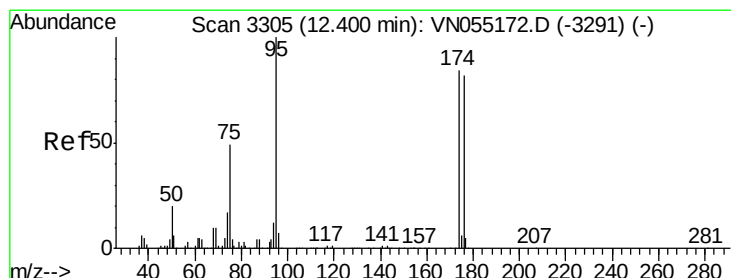
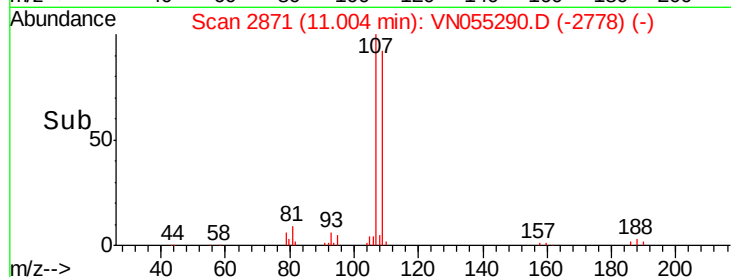
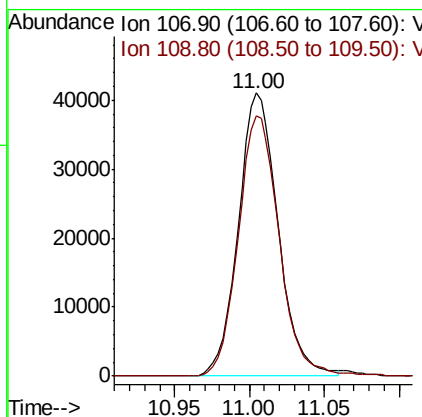
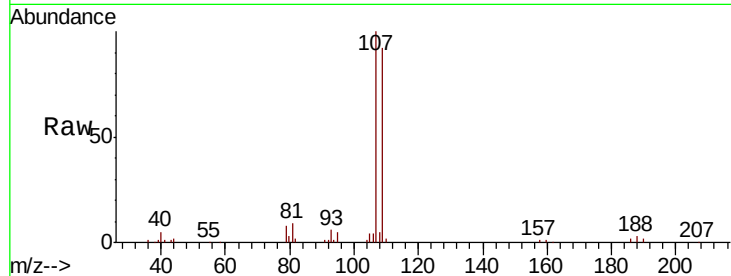




#61
 1,2-Dibromoethane
 Concen: 19.963 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

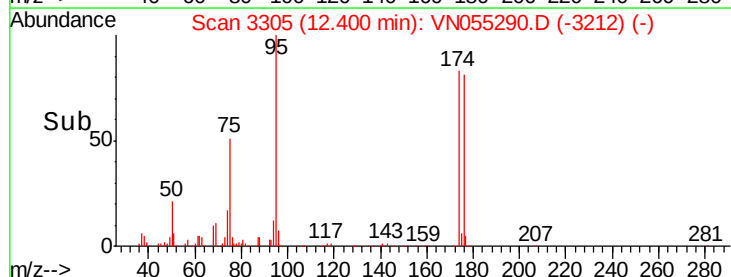
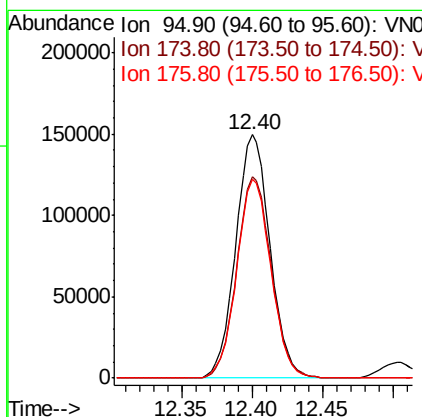
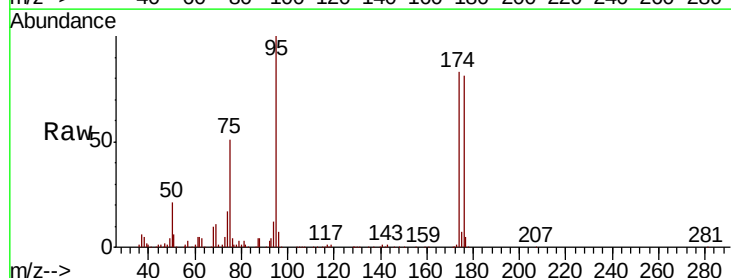
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

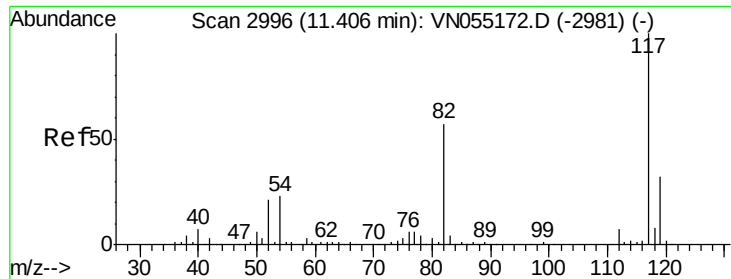
Tgt Ion: 107 Resp: 75881
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.258 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion: 95 Resp: 254477
 Ion Ratio Lower Upper
 95 100
 174 83.6 0.0 166.6
 176 81.7 0.0 157.8

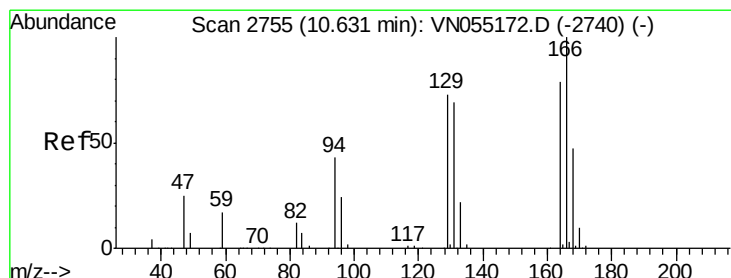
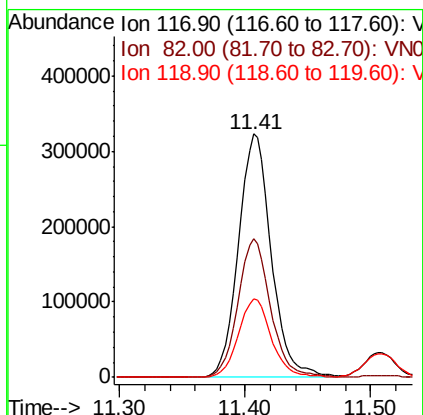
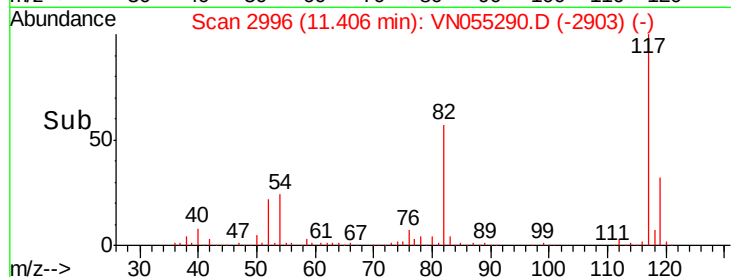
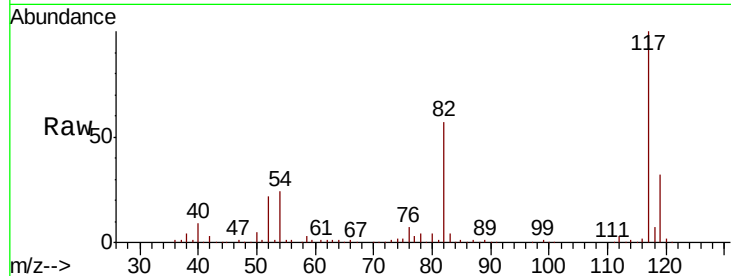




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

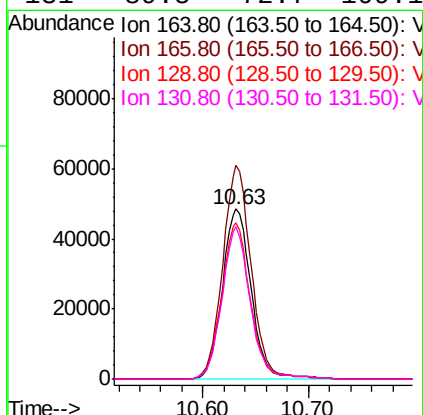
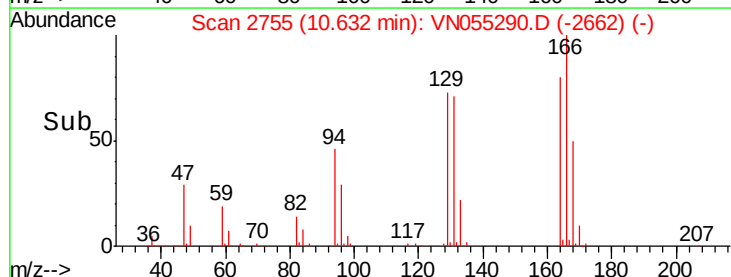
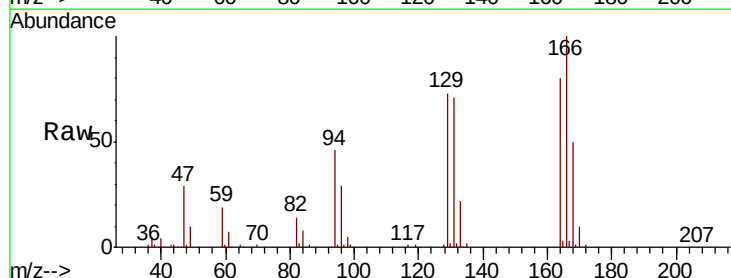
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

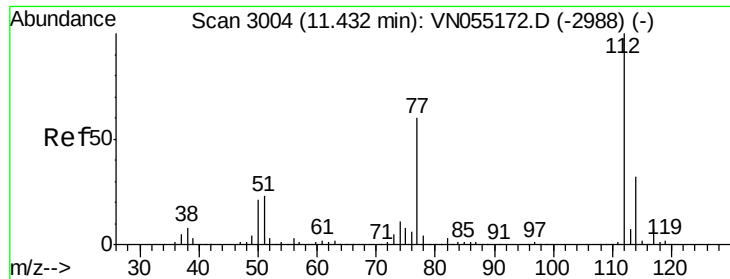
Tgt Ion:117 Resp: 587536
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.3 26.6 40.0



#64
Tetrachloroethene
Concen: 19.047 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Tgt Ion:164 Resp: 91517
Ion Ratio Lower Upper
164 100
166 125.7 102.3 153.5
129 92.0 75.0 112.6
131 89.5 72.7 109.1

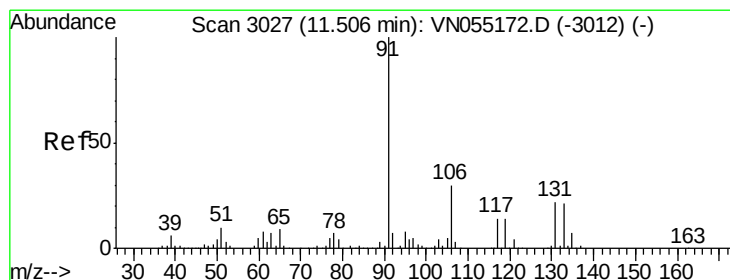
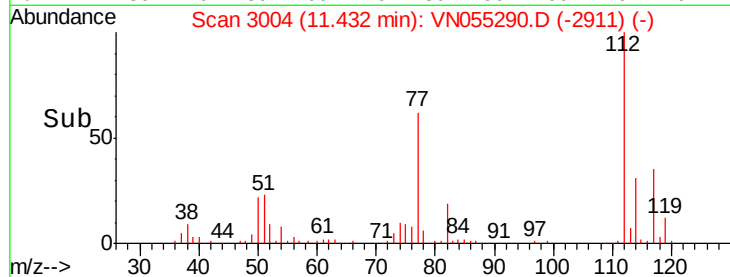
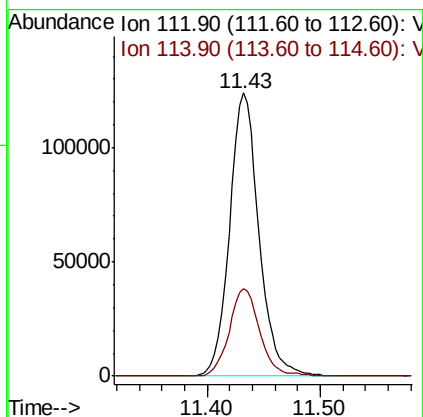
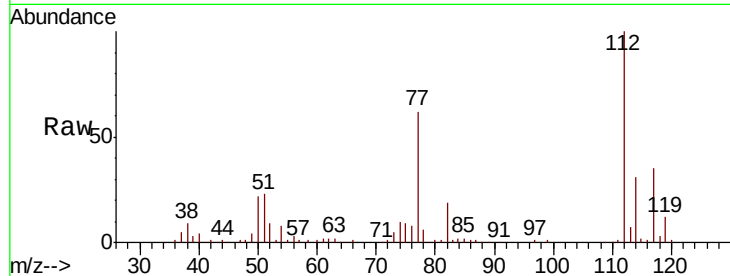




#65
Chlorobenzene
Concen: 19.495 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

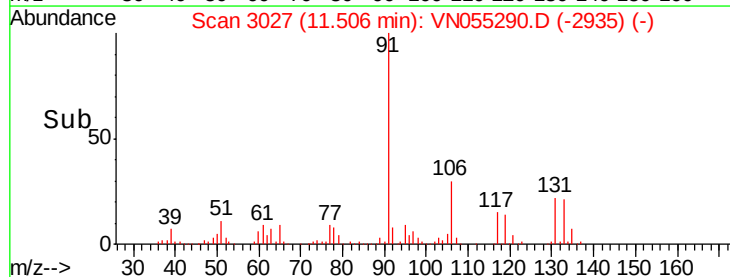
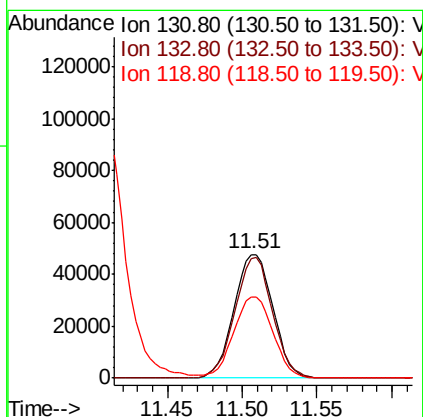
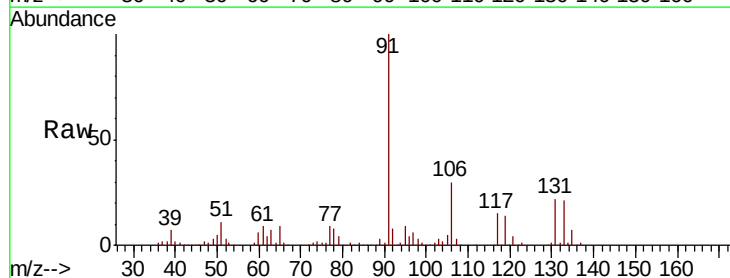
Instrument :
MSVOA_N
ClientSampled :
VN0429WBS01

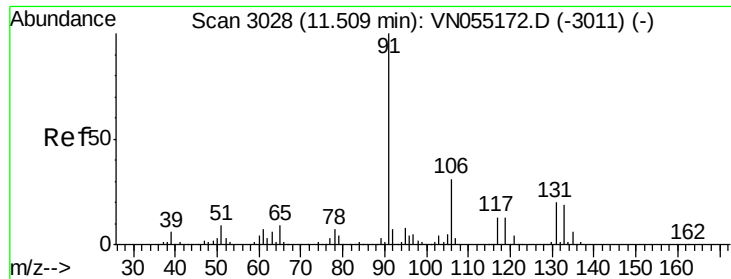
Tgt Ion:112 Resp: 223943
Ion Ratio Lower Upper
112 100
114 30.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.224 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Tgt Ion:131 Resp: 86468
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 66.5 32.7 98.1

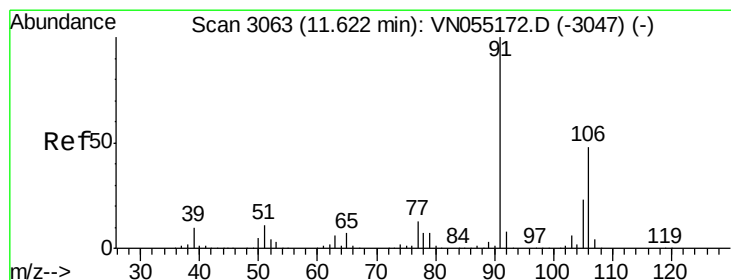
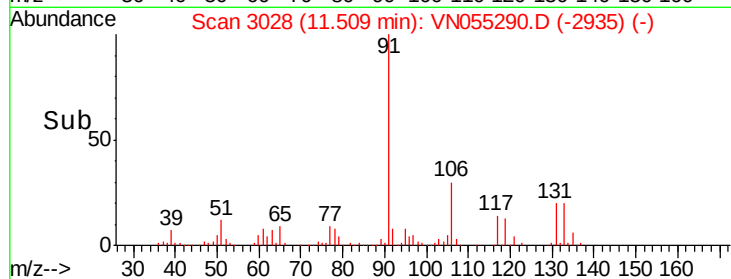
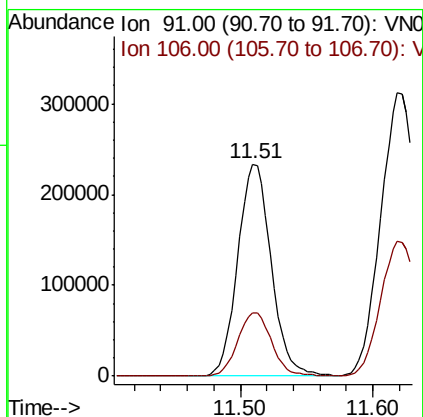
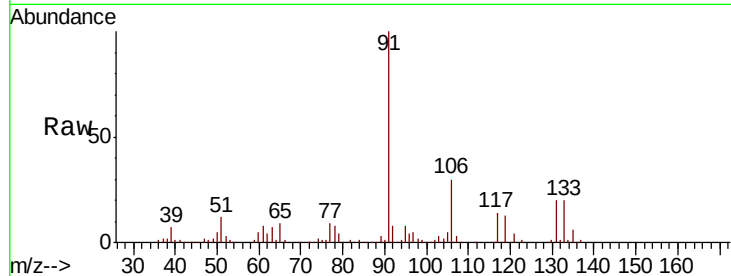




#67
Ethyl Benzene
Concen: 19.757 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

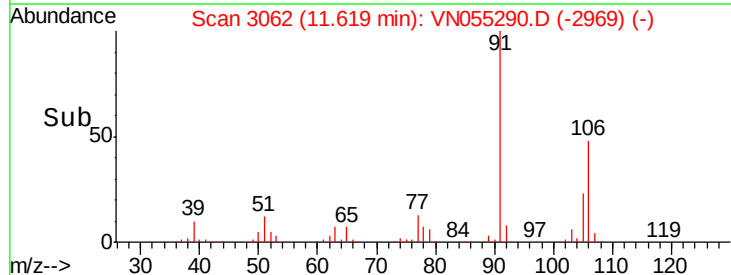
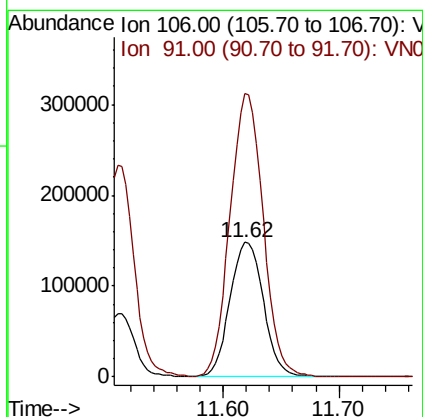
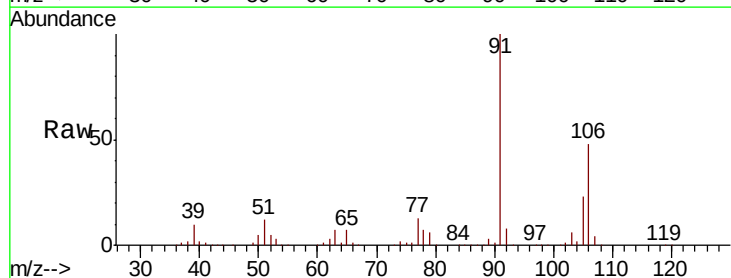
Instrument :
MSVOA_N
ClientSampled :
VN0429WBS01

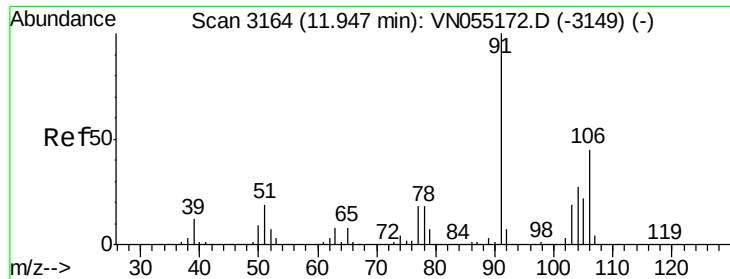
Tgt Ion: 91 Resp: 409832
Ion Ratio Lower Upper
91 100
106 29.7 24.6 36.8



#68
m/p-Xylenes
Concen: 40.287 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Tgt Ion: 106 Resp: 298292
Ion Ratio Lower Upper
106 100
91 208.4 169.5 254.3

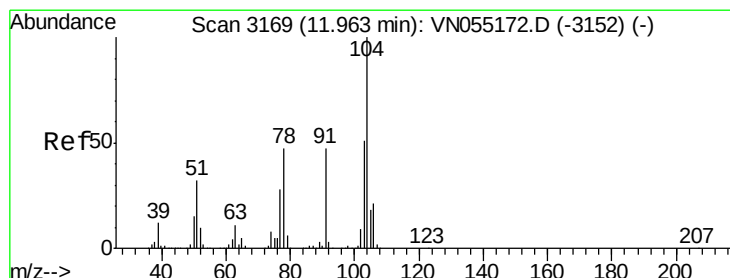
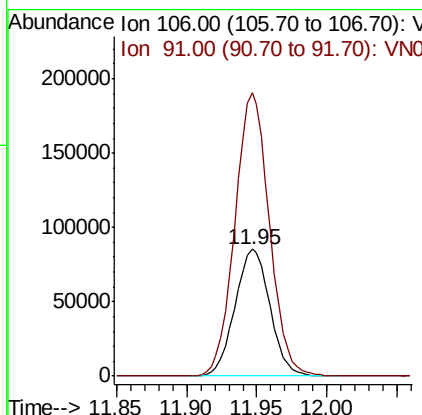
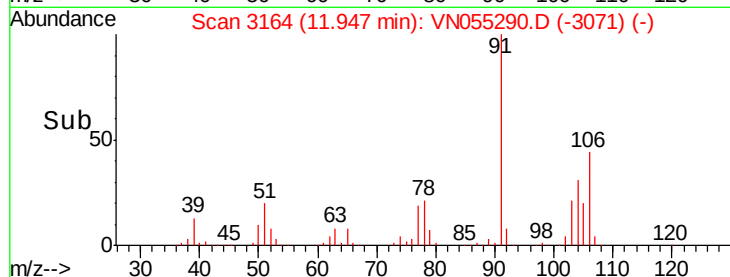
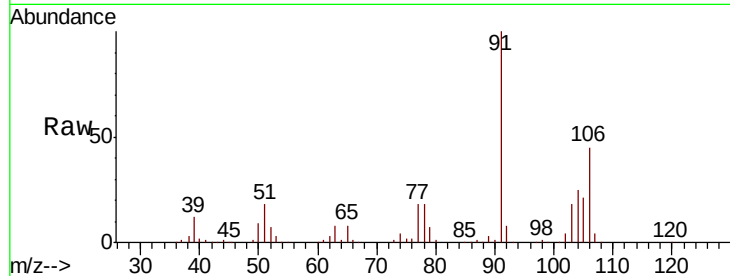




#69
o-Xylene
Concen: 20.181 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

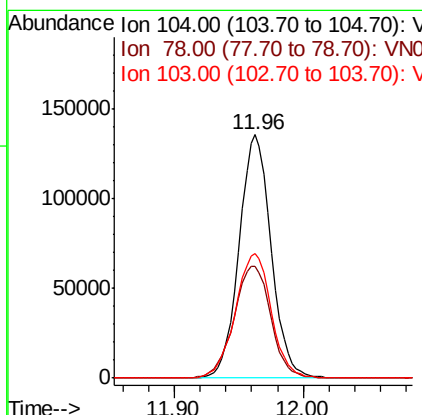
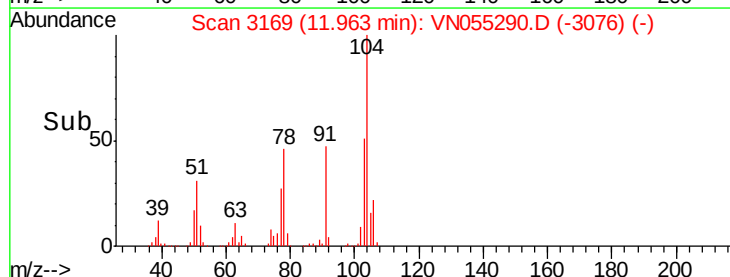
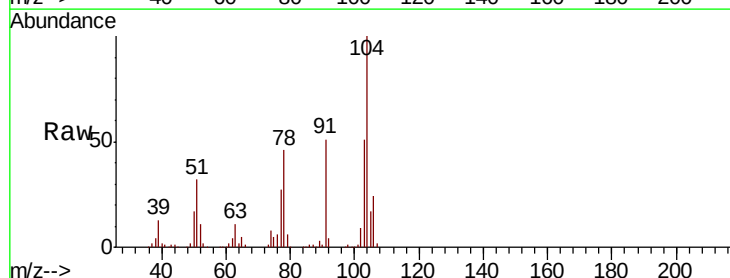
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

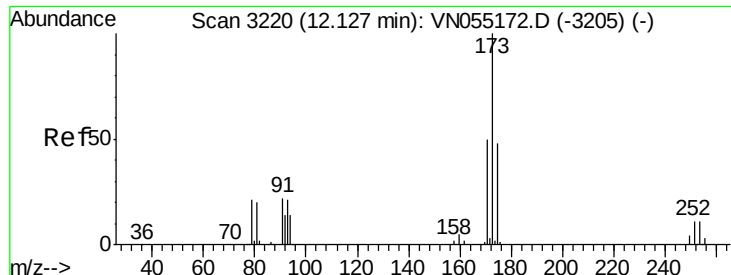
Tgt Ion:106 Resp: 148105
Ion Ratio Lower Upper
106 100
91 220.2 111.5 334.5



#70
Styrene
Concen: 20.782 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Tgt Ion:104 Resp: 234173
Ion Ratio Lower Upper
104 100
78 53.1 42.2 63.2
103 57.3 44.6 67.0

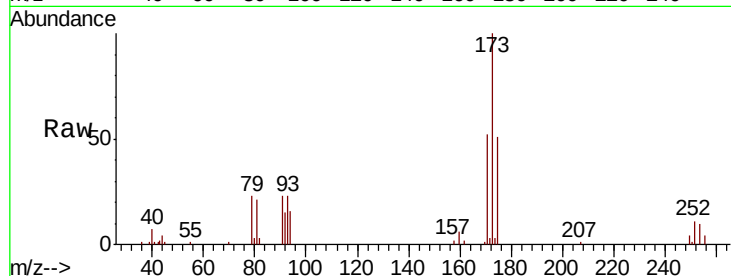




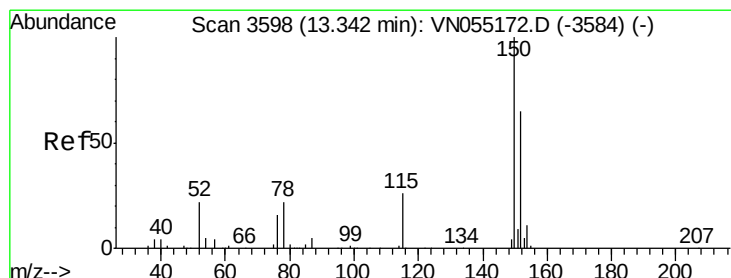
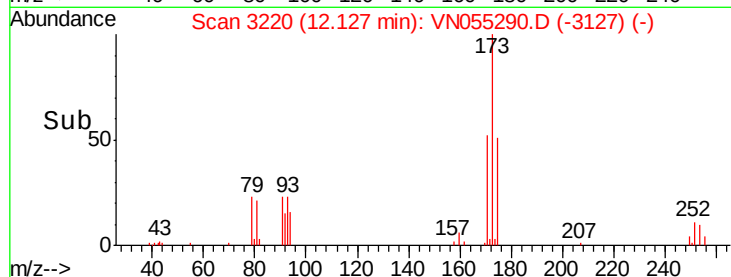
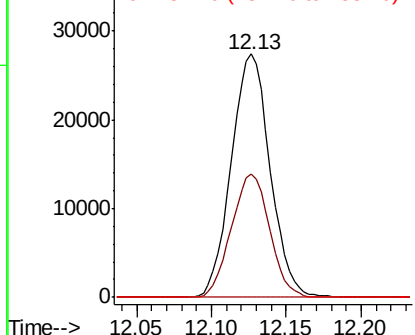
#71
Bromoform
Concen: 19.817 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

Tgt Ion:173 Resp: 49461
Ion Ratio Lower Upper
173 100
175 49.8 23.6 71.0
254 0.0 0.0 0.0

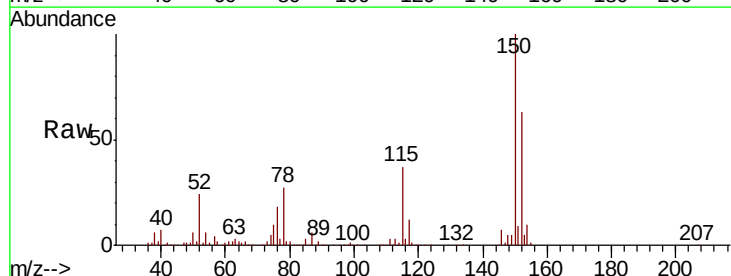


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

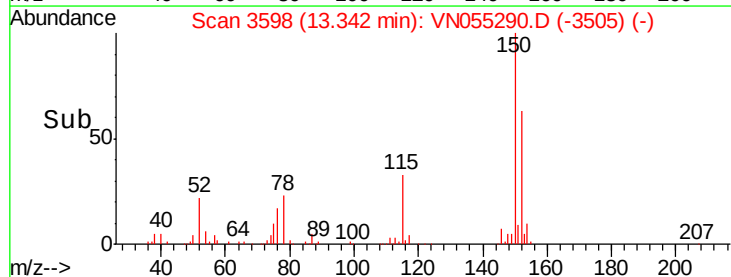
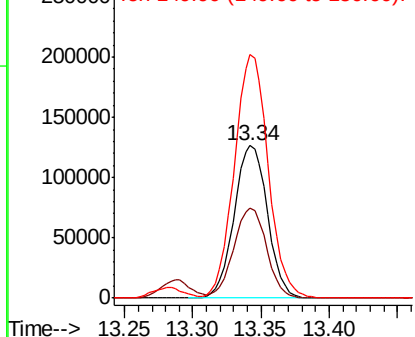


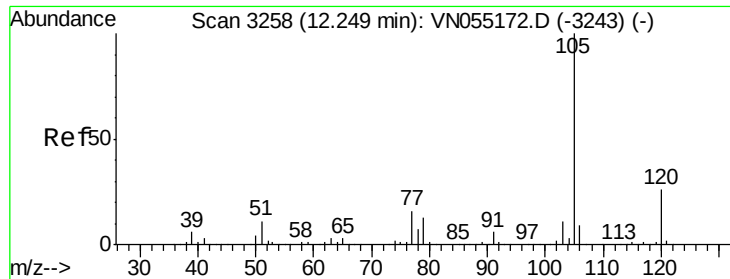
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Tgt Ion:152 Resp: 213799
Ion Ratio Lower Upper
152 100
115 58.3 29.0 87.0
150 162.5 0.0 345.6



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





#73

Isopropylbenzene

Concen: 21.509 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

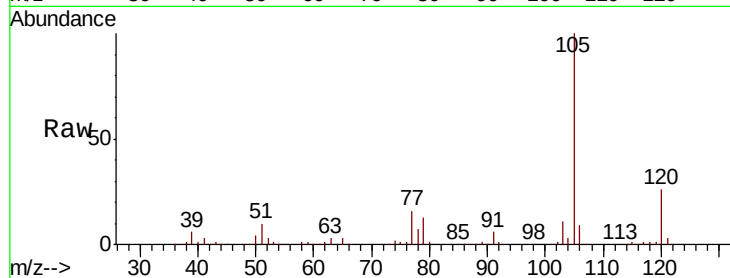
VN0429WBS01

Tgt Ion: 105 Resp: 396558

Ion Ratio Lower Upper

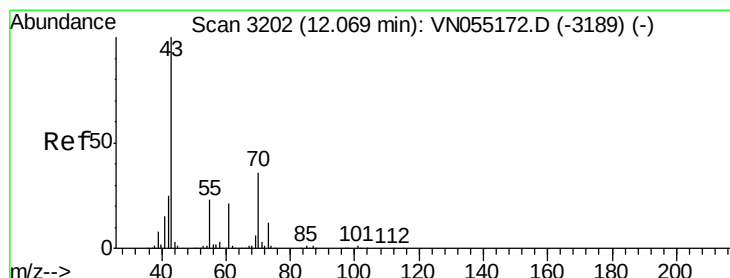
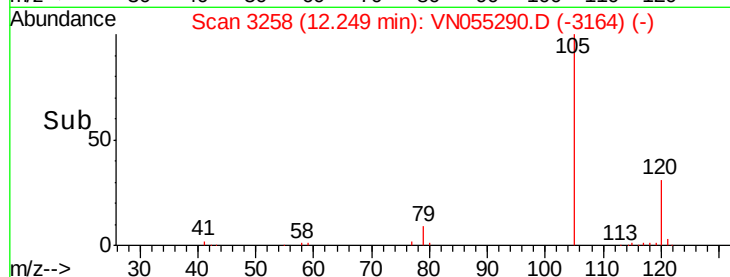
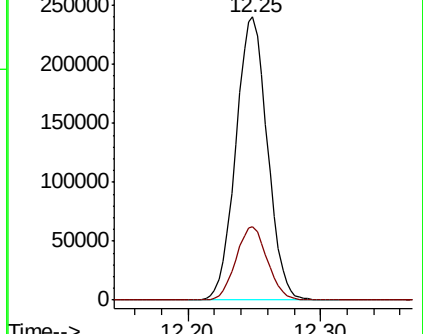
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.586 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Tgt Ion: 43 Resp: 107464

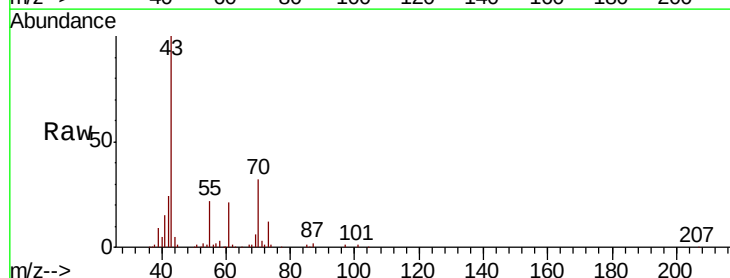
Ion Ratio Lower Upper

43 100

70 34.7 27.9 41.9

55 23.4 18.2 27.2

61 21.4 16.9 25.3

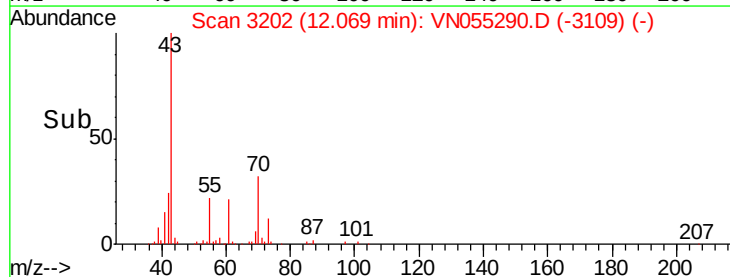
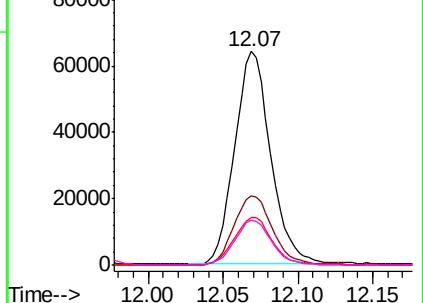


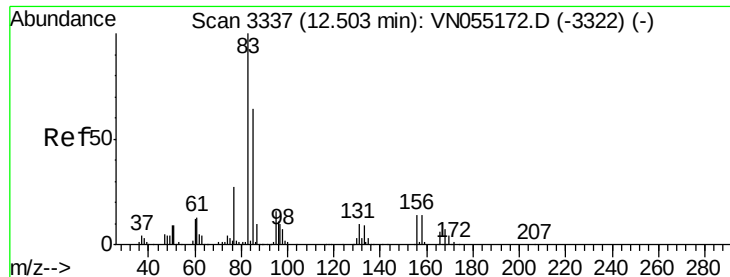
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.814 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

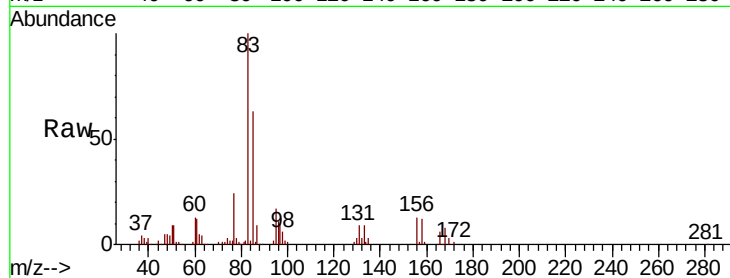
Tgt Ion: 83 Resp: 100001

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.2

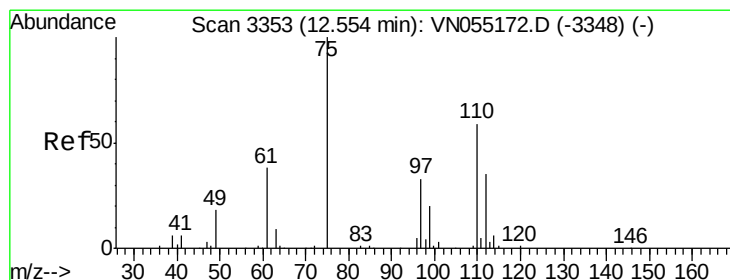
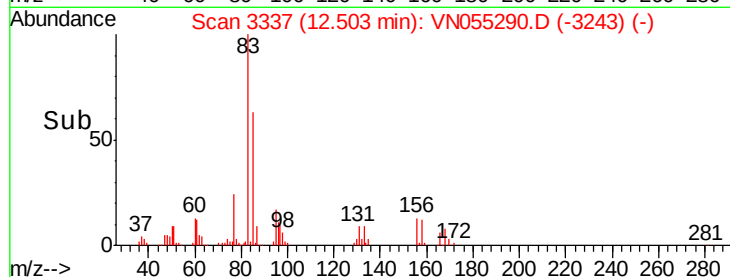
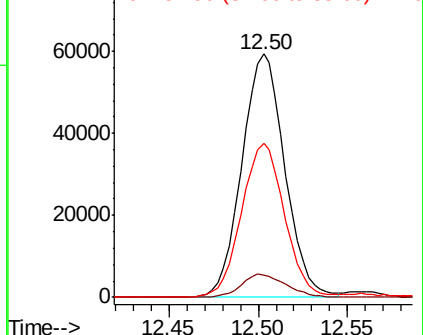
85 63.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.973 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055290.D

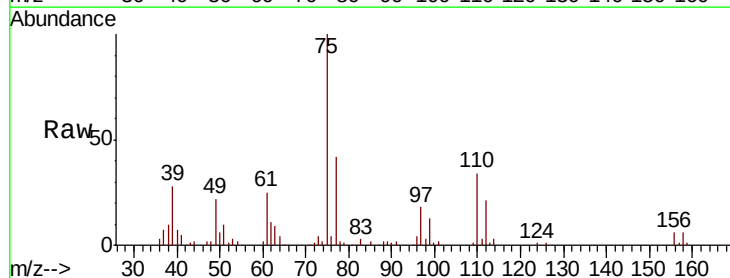
Acq: 29 Apr 2019 13:47

Tgt Ion: 75 Resp: 111798

Ion Ratio Lower Upper

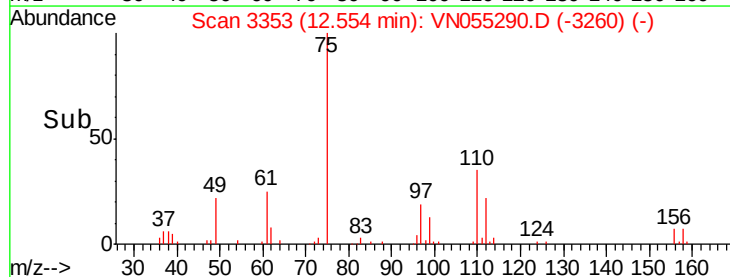
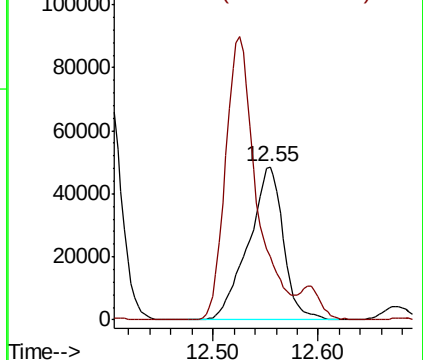
75 100

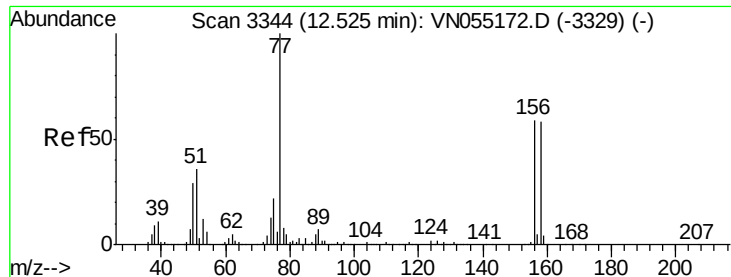
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.354 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

VN0429WBS01

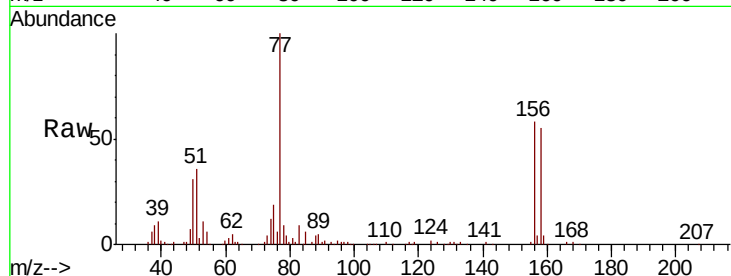
Tgt Ion:156 Resp: 92246

Ion Ratio Lower Upper

156 100

77 199.0 99.6 298.8

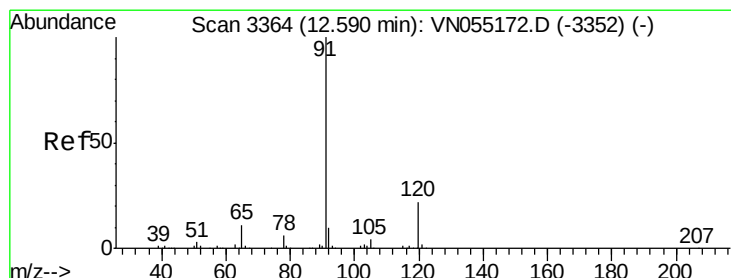
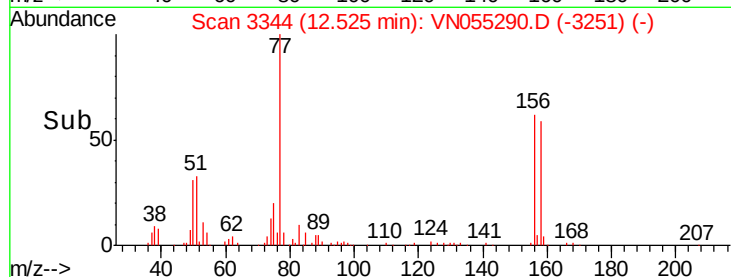
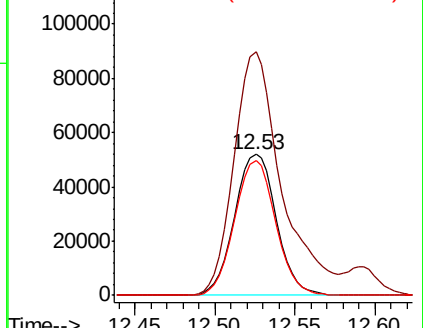
158 94.2 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.183 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055290.D

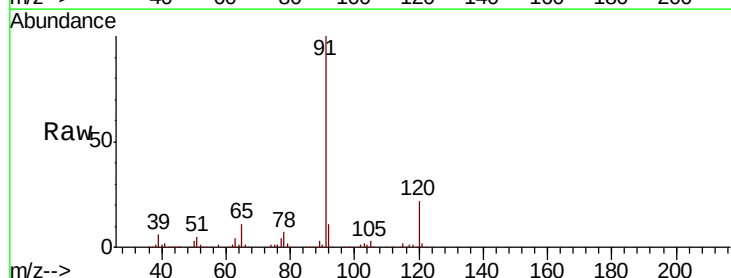
Acq: 29 Apr 2019 13:47

Tgt Ion: 91 Resp: 421296

Ion Ratio Lower Upper

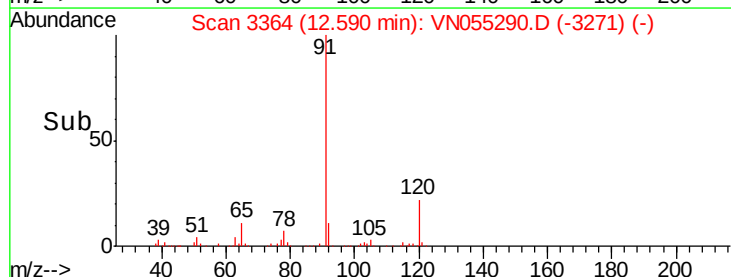
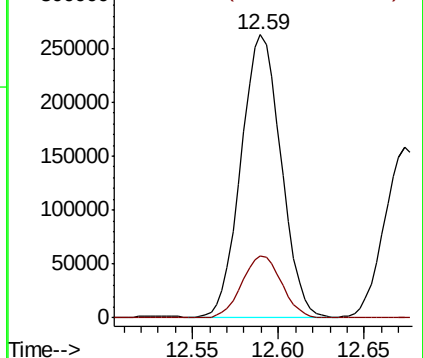
91 100

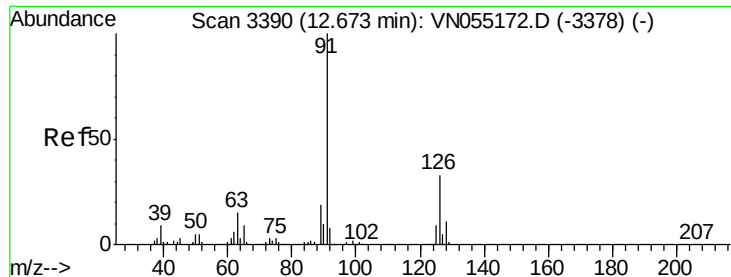
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.127 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

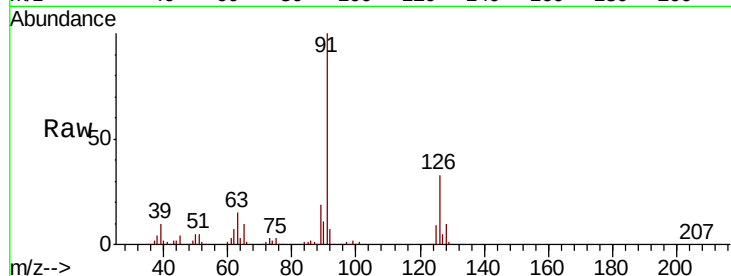
VN0429WBS01

Tgt Ion: 91 Resp: 262609

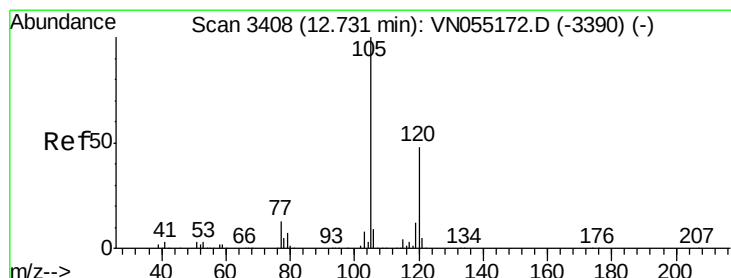
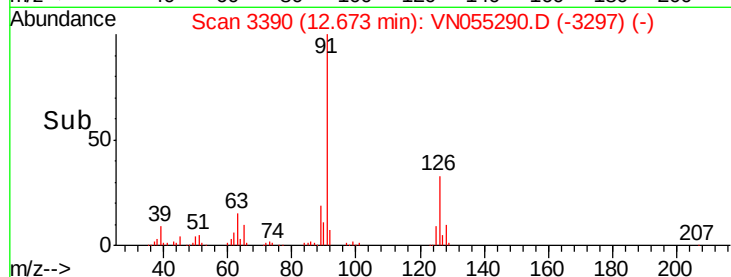
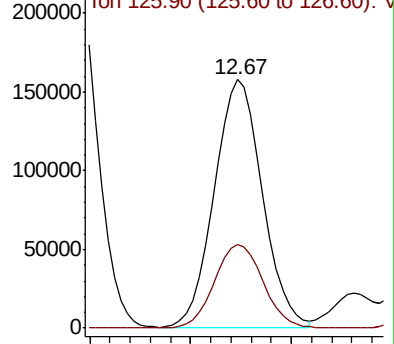
Ion Ratio Lower Upper

91 100

126 34.3 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN055172.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.095 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055290.D

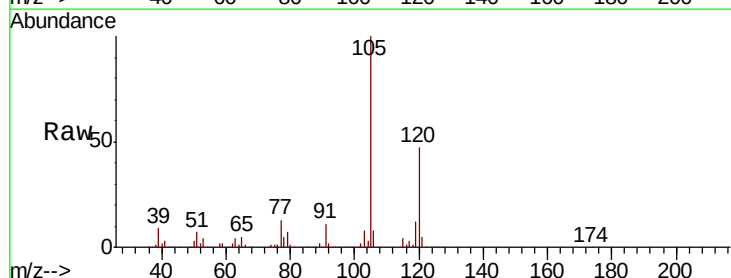
Acq: 29 Apr 2019 13:47

Tgt Ion: 105 Resp: 320052

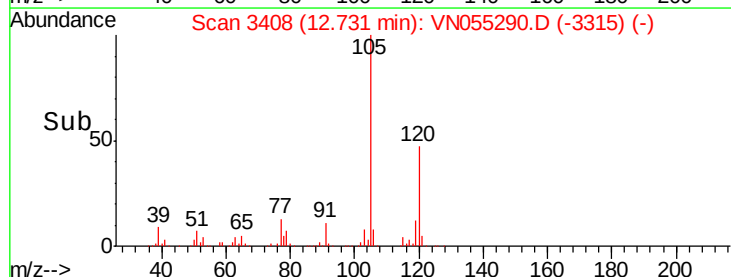
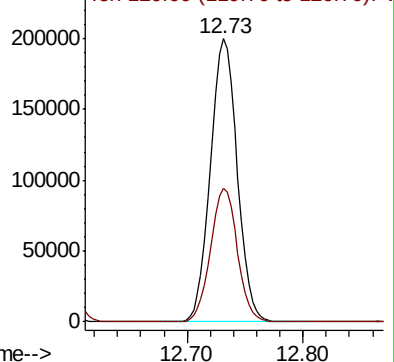
Ion Ratio Lower Upper

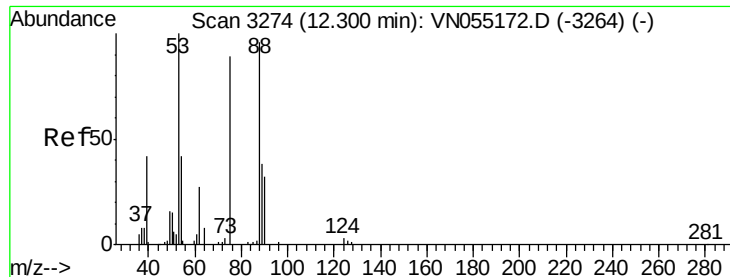
105 100

120 47.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055172.D (-3390) (-)

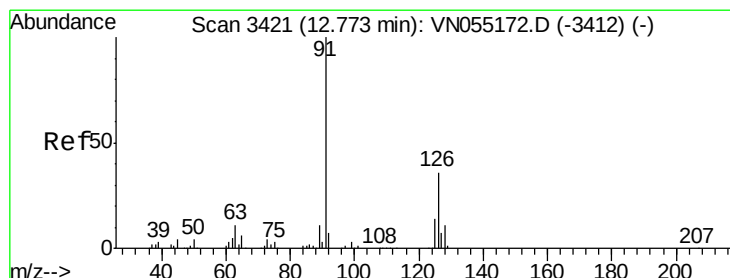
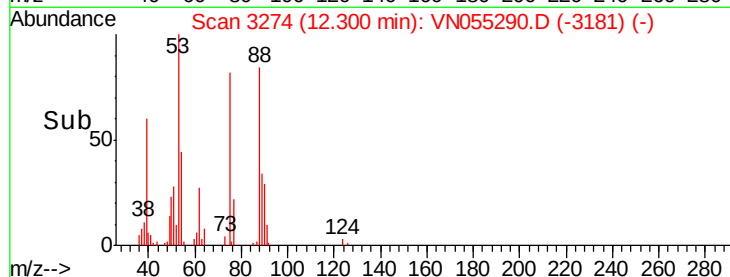
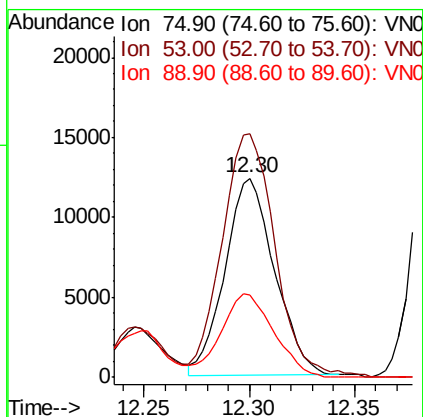
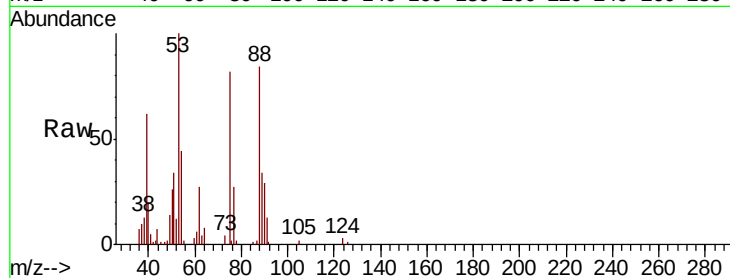




#81
trans-1,4-Dichloro-2-butene
Concen: 17.899 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

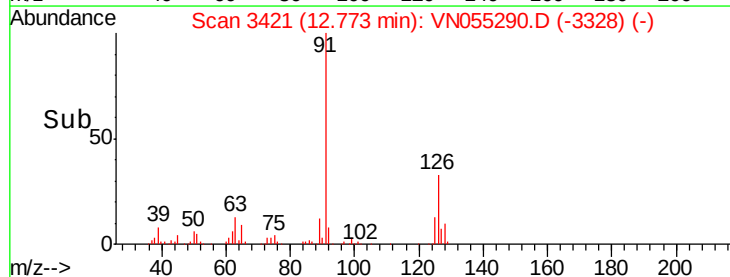
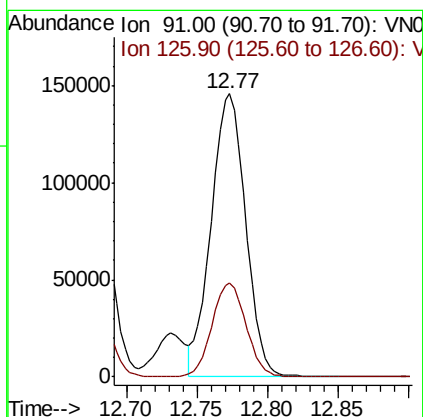
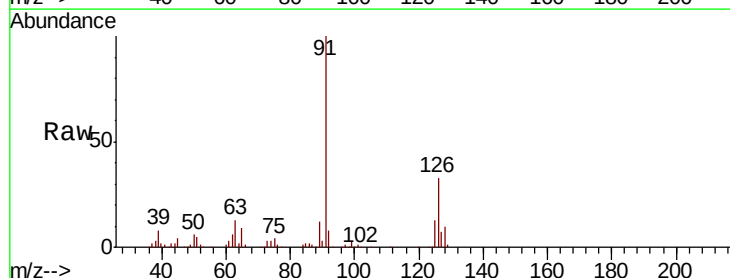
Instrument :
MSVOA_N
ClientSampleId :
VN0429WBS01

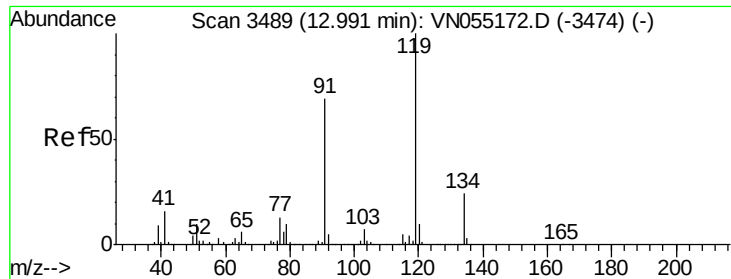
Tgt Ion: 75 Resp: 20193
Ion Ratio Lower Upper
75 100
53 132.9 86.3 129.5#
89 45.1 34.6 51.8



#82
4-Chlorotoluene
Concen: 19.275 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN055290.D
Acq: 29 Apr 2019 13:47

Tgt Ion: 91 Resp: 246130
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7

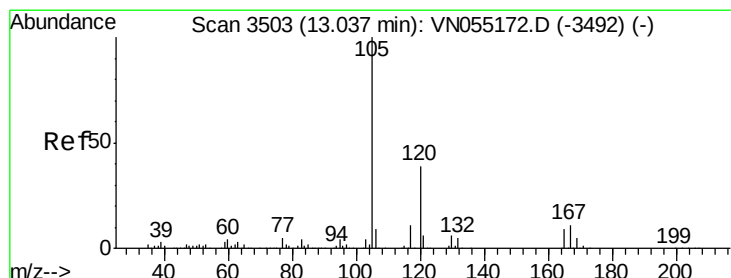
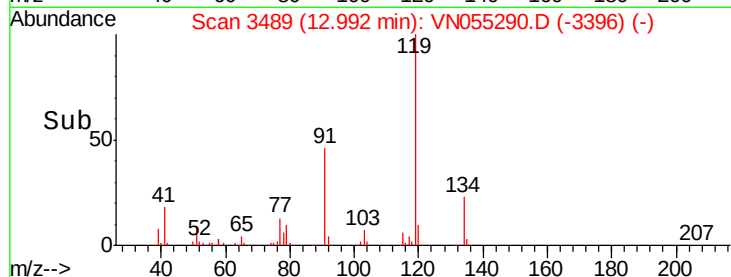
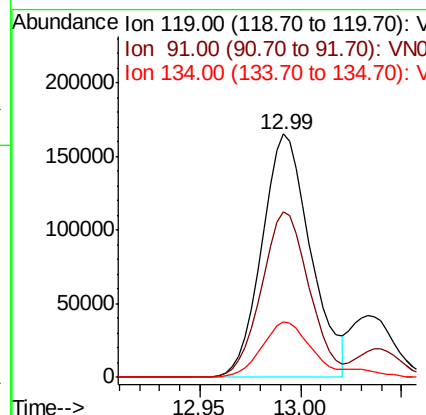
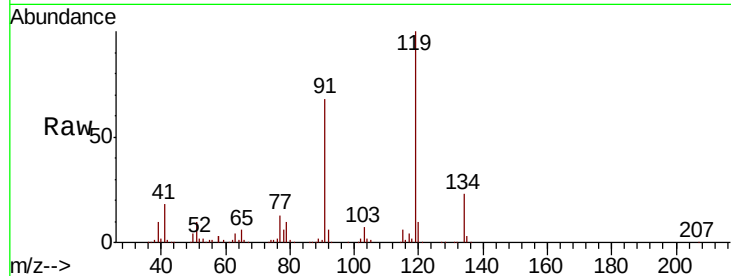




#83
 tert-Butylbenzene
 Concen: 21.738 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

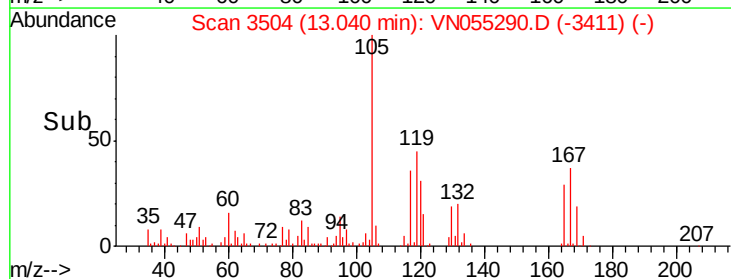
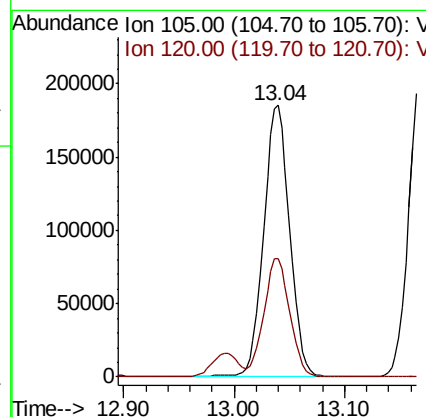
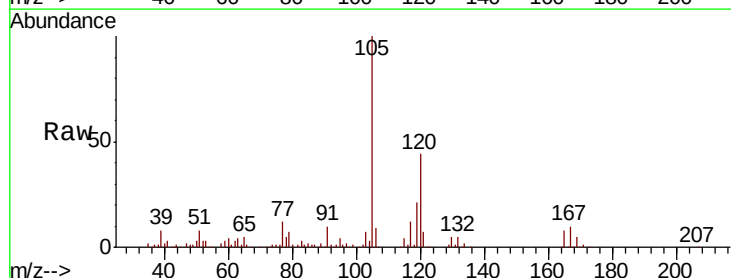
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

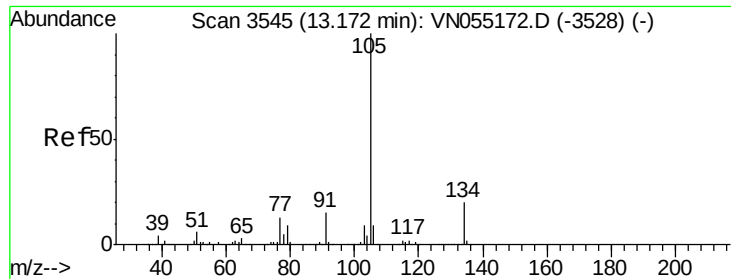
Tgt Ion:119 Resp: 277409
 Ion Ratio Lower Upper
 119 100
 91 66.8 34.3 102.9
 134 25.3 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.131 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion:105 Resp: 301775
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.1 66.5

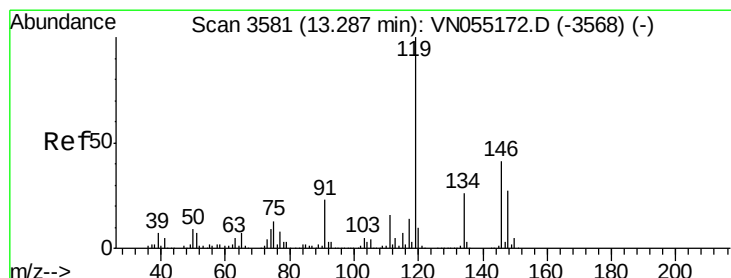
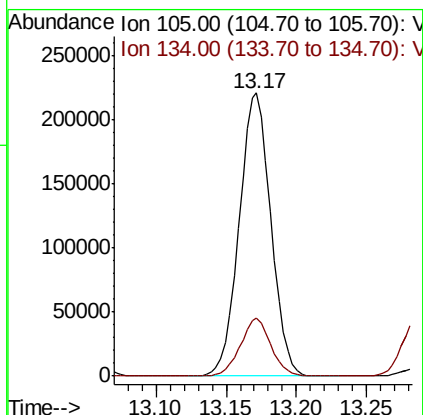
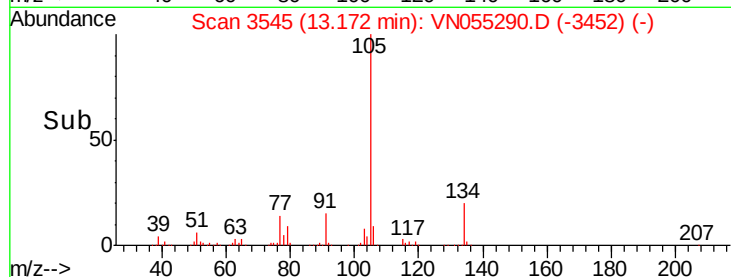
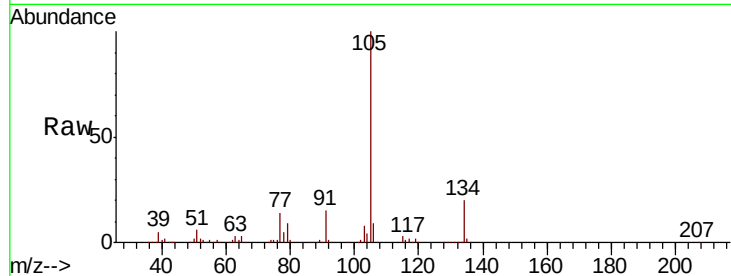




#85
 sec-Butylbenzene
 Concen: 19.034 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

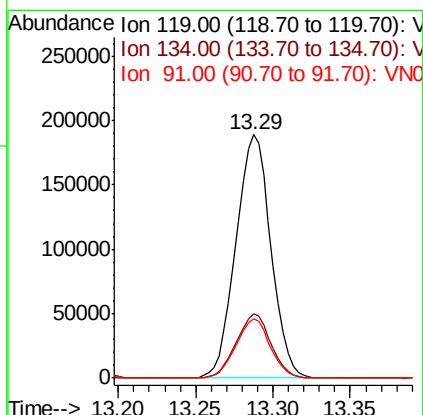
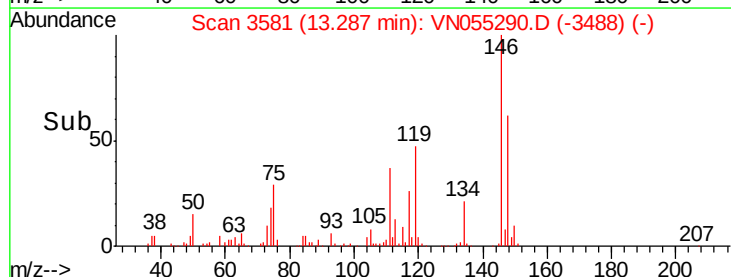
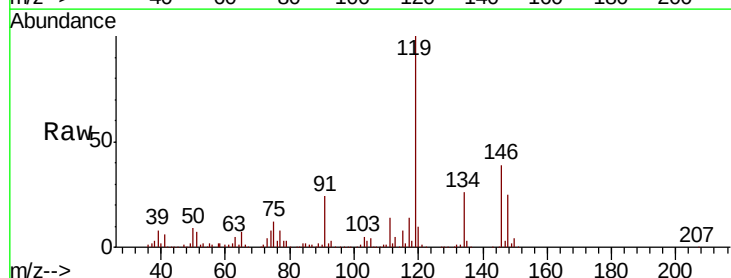
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

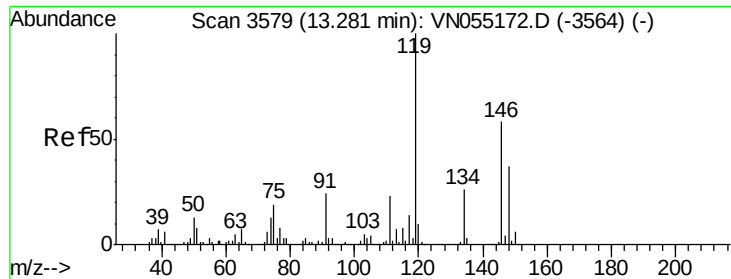
Tgt Ion:105 Resp: 346754
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 19.709 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion:119 Resp: 295105
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 23.8 12.2 36.6

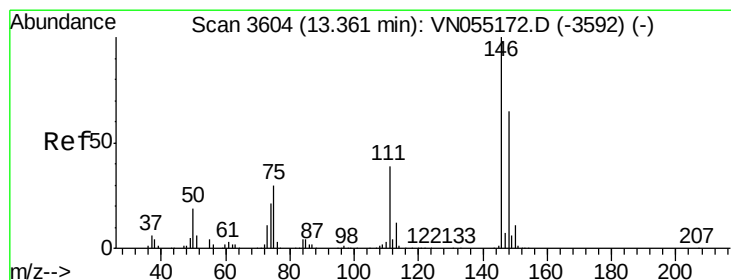
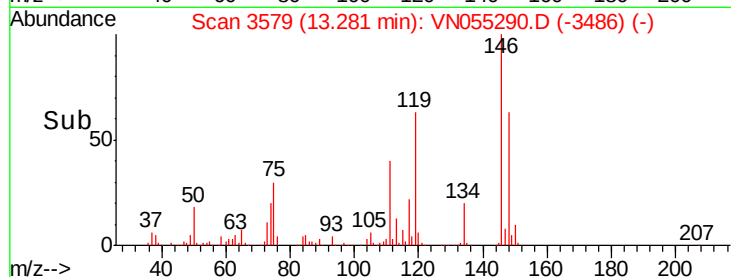
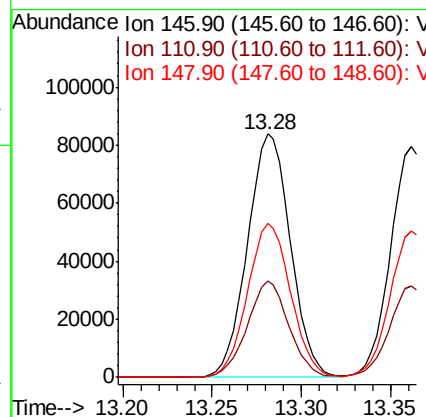
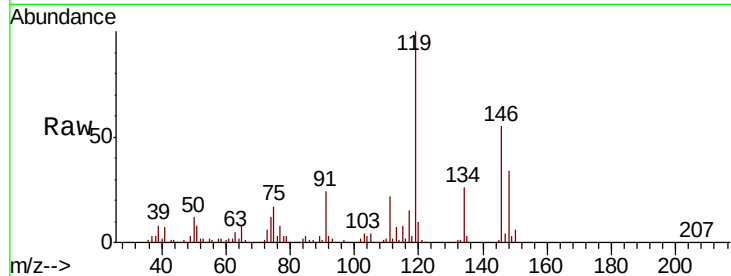




#87
 1,3-Dichlorobenzene
 Concen: 19.698 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

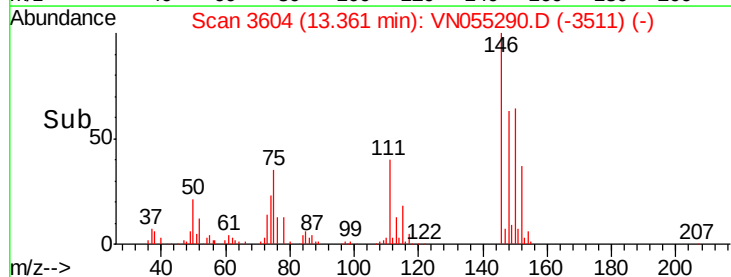
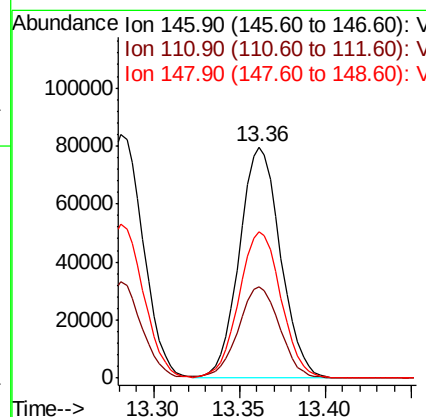
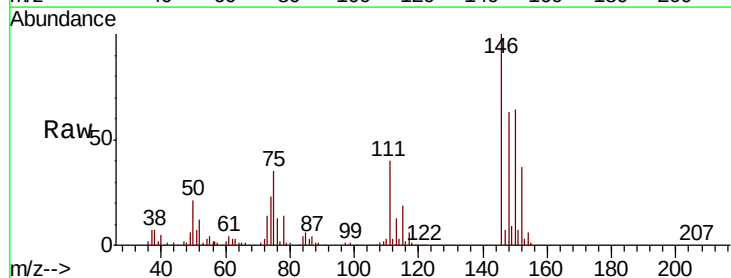
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0429WBS01

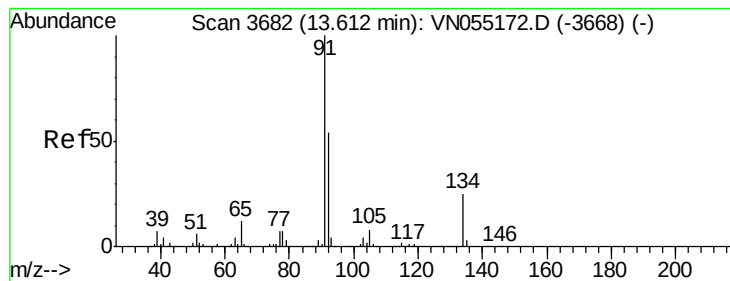
Tgt Ion:146 Resp: 140925
 Ion Ratio Lower Upper
 146 100
 111 38.3 20.3 60.8
 148 63.4 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.608 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion:146 Resp: 132109
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.5 58.5
 148 64.2 32.5 97.4





#89

n-Butylbenzene

Concen: 19.335 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampled :

VN0429WBS01

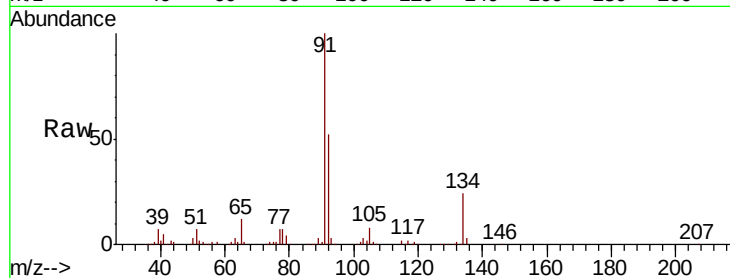
Tgt Ion: 91 Resp: 205720

Ion Ratio Lower Upper

91 100

92 51.6 26.1 78.3

134 24.6 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN055172.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055172.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055172.D (-3668) (-)

13.61

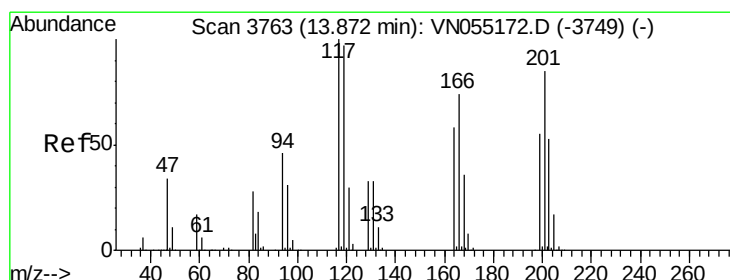
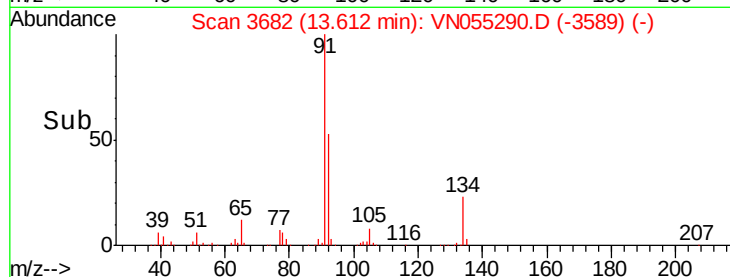
100000

50000

0

13.60 13.70

Time-->



#90

Hexachloroethane

Concen: 20.138 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055290.D

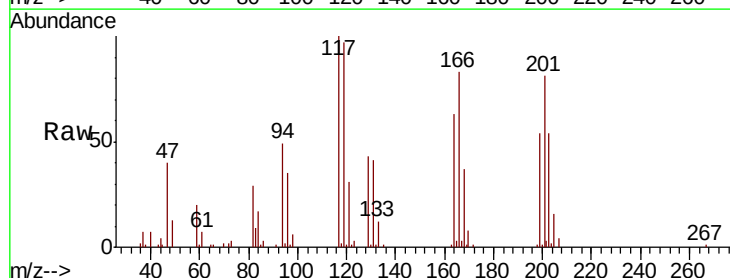
Acq: 29 Apr 2019 13:47

Tgt Ion: 117 Resp: 49976

Ion Ratio Lower Upper

117 100

201 85.8 41.9 125.8



Abundance Ion 116.80 (116.50 to 117.50): VN055172.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055172.D (-3749) (-)

13.87

30000

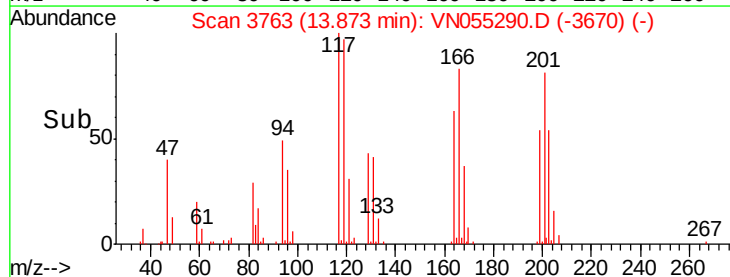
20000

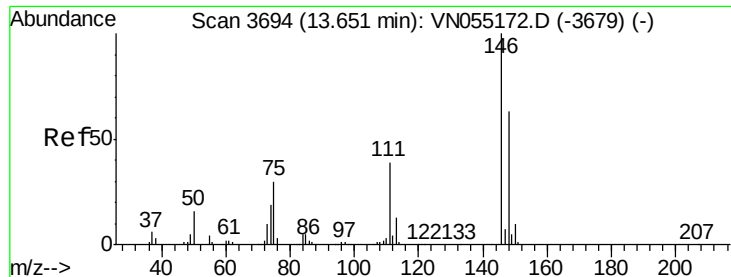
10000

0

13.80 13.85 13.90

Time-->

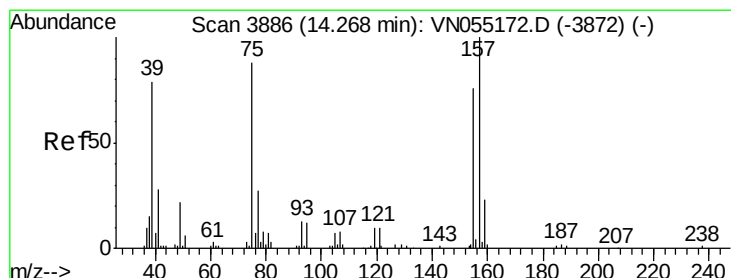
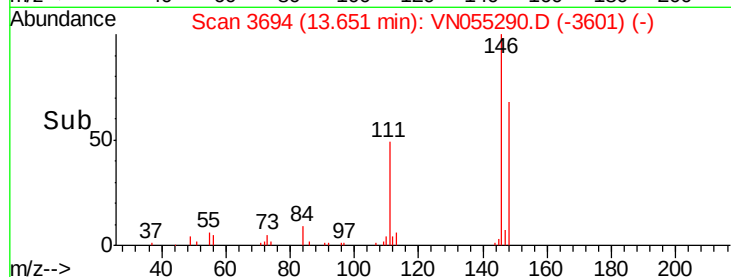
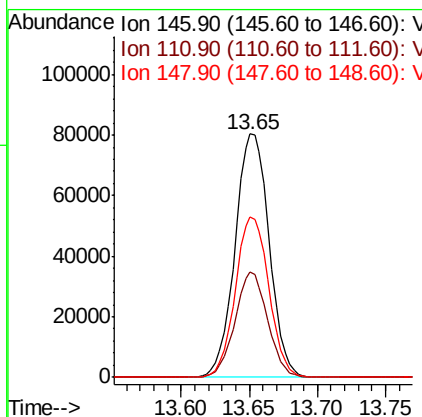
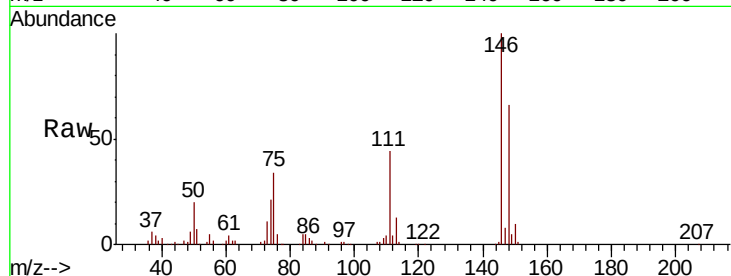




#91
 1,2-Dichlorobenzene
 Concen: 19.647 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

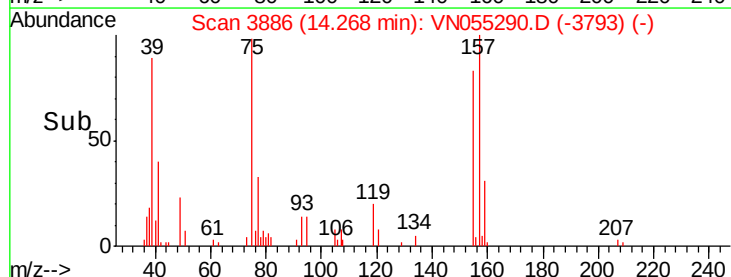
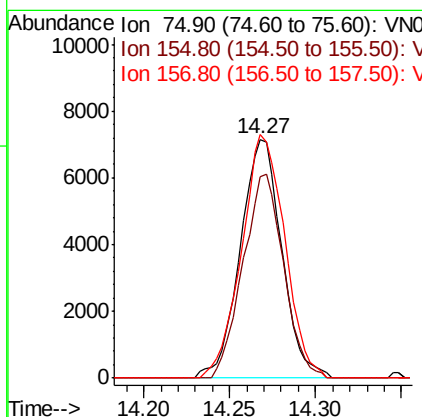
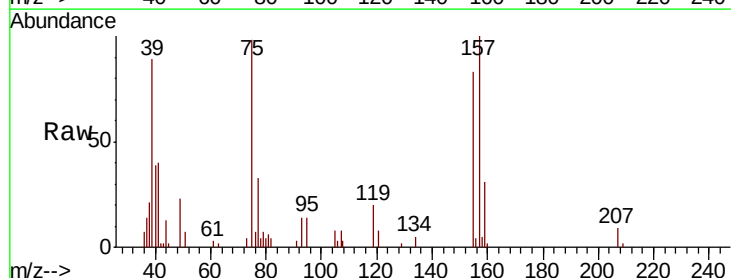
Instrument :
 MSVOA_N
 ClientSampled :
 VN0429WBS01

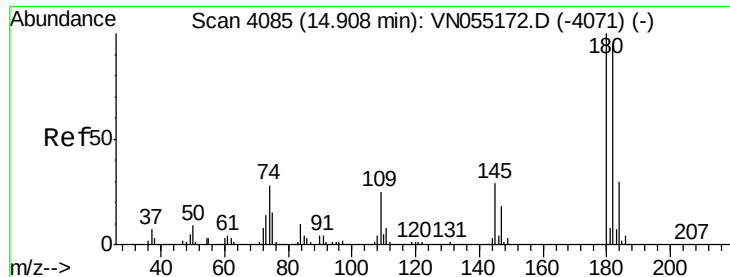
Tgt Ion: 146 Resp: 139315
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.3 61.0
 148 64.6 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.317 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055290.D
 Acq: 29 Apr 2019 13:47

Tgt Ion: 75 Resp: 11990
 Ion Ratio Lower Upper
 75 100
 155 83.3 41.5 124.6
 157 105.8 54.0 162.2





#93

1,2,4-Trichlorobenzene

Concen: 18.196 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

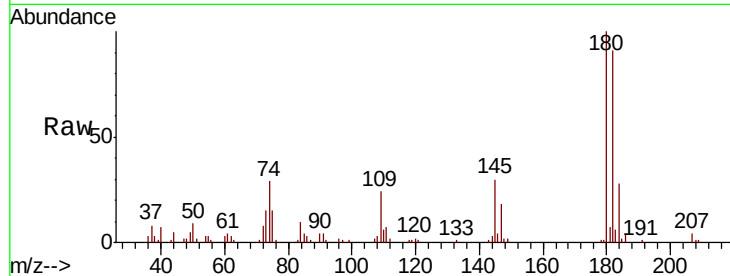
Tgt Ion:180 Resp: 44561

Ion Ratio Lower Upper

180 100

182 90.0 48.3 144.9

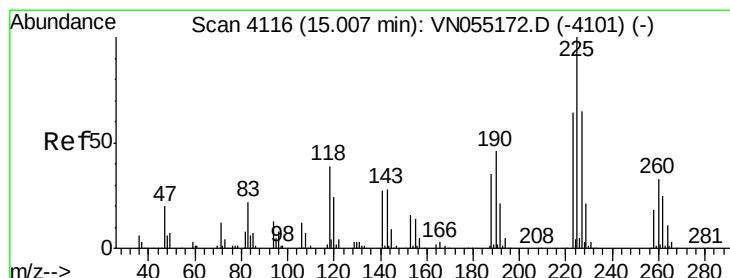
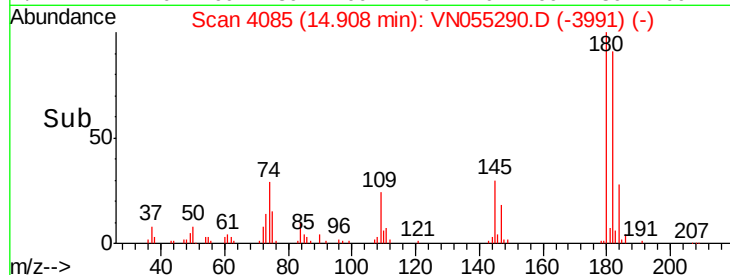
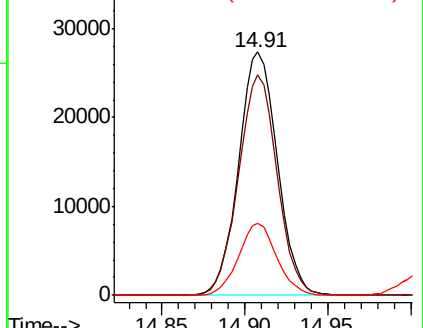
145 28.9 14.2 42.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 20.900 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

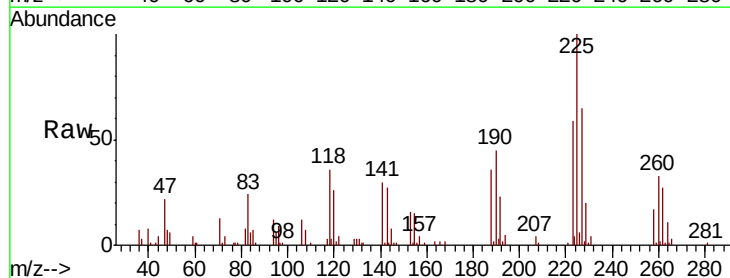
Tgt Ion:225 Resp: 48070

Ion Ratio Lower Upper

225 100

223 61.3 30.3 90.8

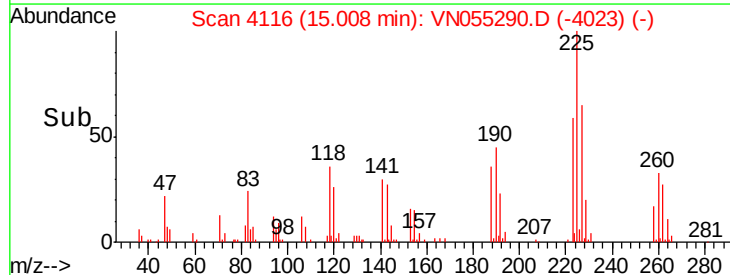
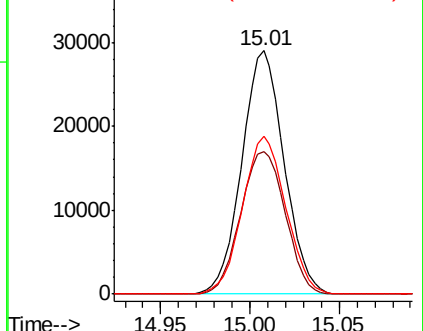
227 66.2 30.9 92.7

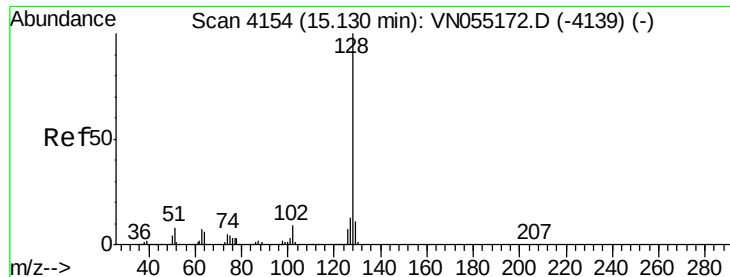


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.392 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

Instrument :

MSVOA_N

ClientSampleId :

VN0429WBS01

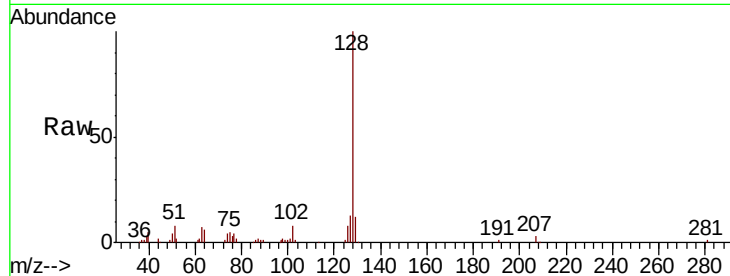
Tgt Ion:128 Resp: 89537

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

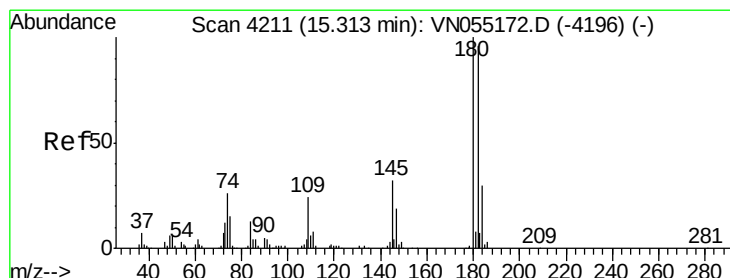
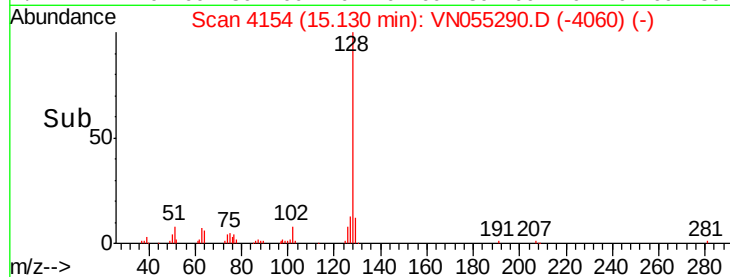
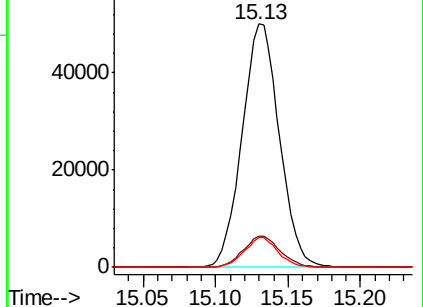
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.967 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN055290.D

Acq: 29 Apr 2019 13:47

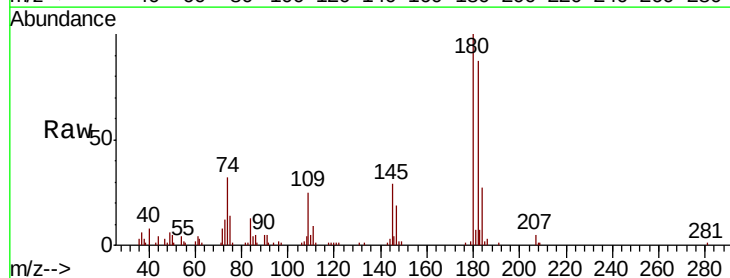
Tgt Ion:180 Resp: 47506

Ion Ratio Lower Upper

180 100

182 91.5 48.3 144.9

145 30.6 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

