

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058189.D
 Acq On : 19 Sep 2019 8:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 20 01:47:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	498469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	843861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	774647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	387007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	358318	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	7.57	113	260278	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.09	98	1055808	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	393250	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	186931	45.651	ug/l	97
3) Chloromethane	2.03	50	149308	47.248	ug/l	99
4) Vinyl Chloride	2.17	62	165811	48.004	ug/l	99
5) Bromomethane	2.54	94	80191	43.978	ug/l	93
6) Chloroethane	2.68	64	110822	50.129	ug/l	98
7) Trichlorofluoromethane	3.00	101	249621	44.661	ug/l	98
8) Diethyl Ether	3.39	74	119251	46.565	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	190906	47.374	ug/l	99
10) Methyl Iodide	3.93	142	141492	41.902	ug/l	100
11) Tert butyl alcohol	4.75	59	179178	216.962	ug/l	98
12) 1,1-Dichloroethene	3.72	96	152083	49.728	ug/l	94
13) Acrolein	3.58	56	42922	350.704	ug/l	95
14) Allyl chloride	4.30	41	308647	46.807	ug/l	98
15) Acrylonitrile	4.95	53	524423	238.342	ug/l	99
16) Acetone	3.79	43	638993	271.147	ug/l	100
17) Carbon Disulfide	4.03	76	195188	45.369	ug/l	100
18) Methyl Acetate	4.30	43	276122	44.528	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	737861	48.547	ug/l	98
20) Methylene Chloride	4.52	84	206901	50.147	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	161737	48.523	ug/l	98
22) Diisopropyl ether	5.92	45	815208	48.669	ug/l	95
23) Vinyl Acetate	5.87	43	2939190	256.442	ug/l	99
24) 1,1-Dichloroethane	5.82	63	423919	47.419	ug/l	99
25) 2-Butanone	6.81	43	809850	252.241	ug/l	98
26) 2,2-Dichloropropane	6.80	77	359653	47.421	ug/l	98
27) cis-1,2-Dichloroethene	6.81	96	242788	48.030	ug/l	99
28) Bromochloromethane	7.17	49	212597	50.270	ug/l	100
29) Tetrahydrofuran	7.19	42	438176	221.563	ug/l	99
30) Chloroform	7.35	83	460843	47.890	ug/l	98
31) Cyclohexane	7.63	56	280137	48.400	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	362283	49.453	ug/l	100
36) 1,1-Dichloropropene	7.77	75	271047	44.540	ug/l	99
37) Ethyl Acetate	6.90	43	290467	45.993	ug/l	100
38) Carbon Tetrachloride	7.76	117	285310	46.640	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	284265	48.315	ug/l	98
40) Benzene	8.02	78	874941	47.072	ug/l	100
41) Methacrylonitrile	7.18	41	436986	135.759	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	366826	47.033	ug/l	100
43) Isopropyl Acetate	8.15	43	536563	45.492	ug/l	99
44) Trichloroethene	8.82	130	216361	47.567	ug/l	99
45) 1,2-Dichloropropane	9.11	63	273637	49.296	ug/l	100
46) Dibromomethane	9.20	93	163598	48.476	ug/l	98
47) Bromodichloromethane	9.39	83	357906	50.622	ug/l	98
48) Methyl methacrylate	9.19	41	258243	48.222	ug/l	99
49) 1,4-Dioxane	9.19	88	80857	919.626	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	1618102	258.284	ug/l	100
52) Toluene	10.15	92	568295	48.786	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	375497	51.848	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	410850	51.382	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	257894	49.888	ug/l	99
56) Ethyl methacrylate	10.43	69	380213	50.976	ug/l	100
57) 1,3-Dichloropropane	10.70	76	432564	48.674	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	933465	262.745	ug/l	100
59) 2-Hexanone	10.75	43	1253886	269.489	ug/l	99
60) Dibromochloromethane	10.90	129	263416	52.966	ug/l	100
61) 1,2-Dibromoethane	11.00	107	236829	49.435	ug/l	100
64) Tetrachloroethene	10.63	164	173930	46.059	ug/l	96
65) Chlorobenzene	11.43	112	663815	48.719	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	254881	51.589	ug/l	99
67) Ethyl Benzene	11.51	91	1194560	51.165	ug/l	98
68) m/p-Xylenes	11.62	106	879263	99.993	ug/l	98
69) o-Xylene	11.95	106	437357	50.583	ug/l	99
70) Styrene	11.96	104	794319	53.319	ug/l	99
71) Bromoform	12.13	173	166027	45.662	ug/l #	99
73) Isopropylbenzene	12.25	105	1245900	51.432	ug/l	98
74) N-amyl acetate	12.07	43	517594	51.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	391903	48.311	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	483635	69.827	ug/l #	100
77) Bromobenzene	12.53	156	297178	48.770	ug/l	98
78) n-propylbenzene	12.59	91	1487673	54.044	ug/l	99
79) 2-Chlorotoluene	12.68	91	885136	51.451	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1084183	52.927	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	105138	45.736	ug/l	99
82) 4-Chlorotoluene	12.78	91	930445	51.452	ug/l	99
83) tert-Butylbenzene	13.00	119	961855	52.654	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1105425	54.227	ug/l	100
85) sec-Butylbenzene	13.17	105	1300731	54.451	ug/l	100
86) p-Isopropyltoluene	13.29	119	1175687	55.361	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	581149	52.217	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	581601	51.187	ug/l	99
89) n-Butylbenzene	13.62	91	1102419	54.754	ug/l	99
90) Hexachloroethane	13.88	117	179466	48.294	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	571004	51.146	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	72396	49.572	ug/l	99

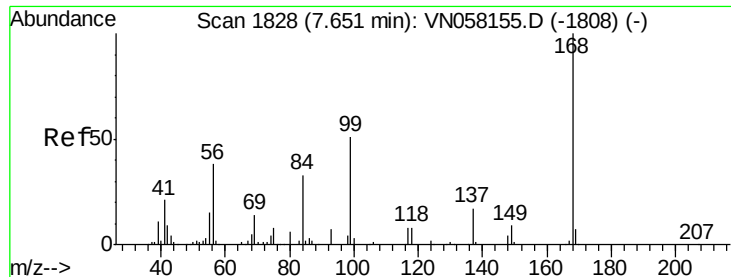
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	367912	51.579	ug/l	100
94) Hexachlorobutadiene	15.01	225	178032	51.639	ug/l	96
95) Naphthalene	15.13	128	943193	51.023	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	338452	50.201	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

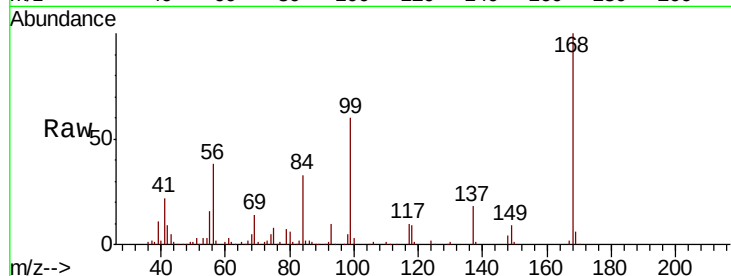
VSTDCCC050

Tot Ion:168 Resp: 498469

Ion Ratio Lower Upper

168 100

99 60.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

100000

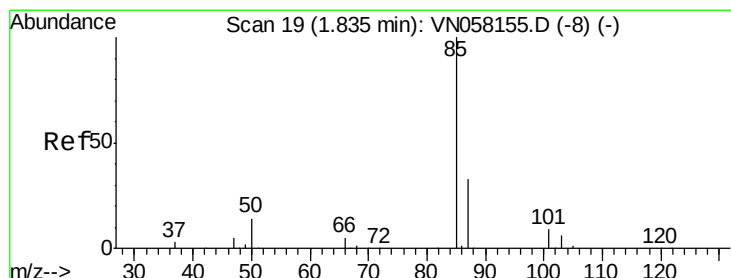
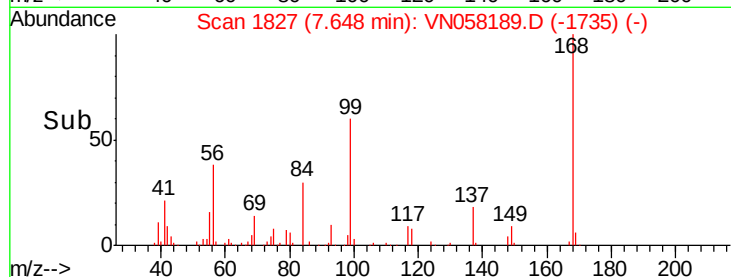
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 45.651 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058189.D

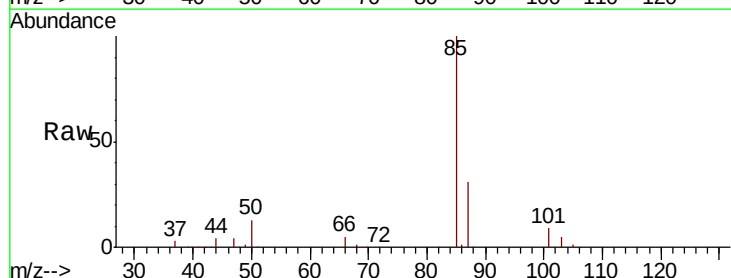
Acq: 19 Sep 2019 8:55

Tgt Ion: 85 Resp: 186931

Ion Ratio Lower Upper

85 100

87 31.1 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

150000

100000

50000

0

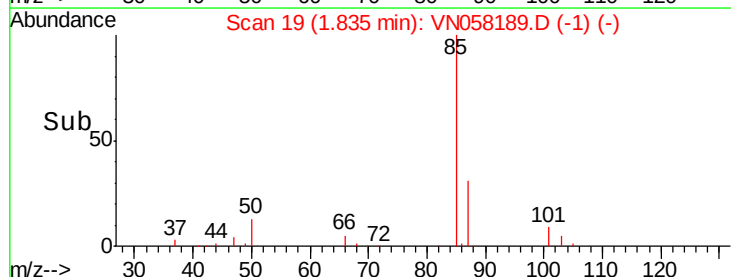
1.75

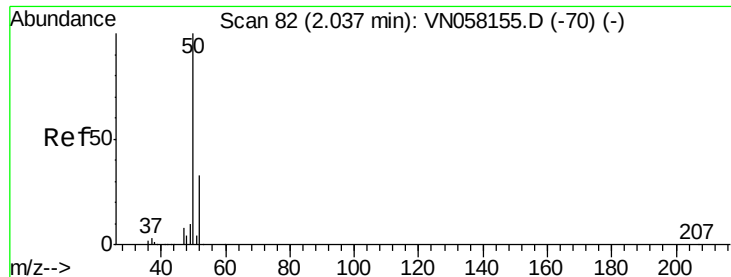
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 47.248 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

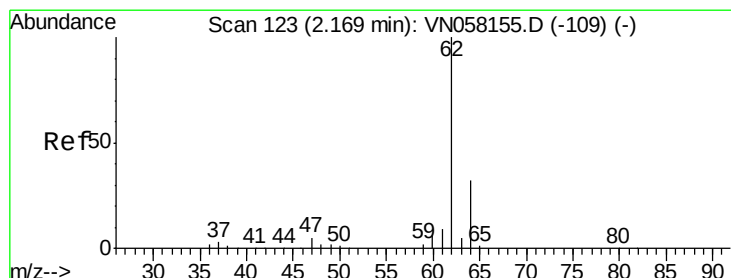
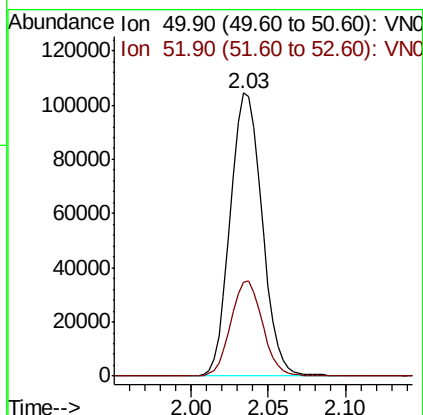
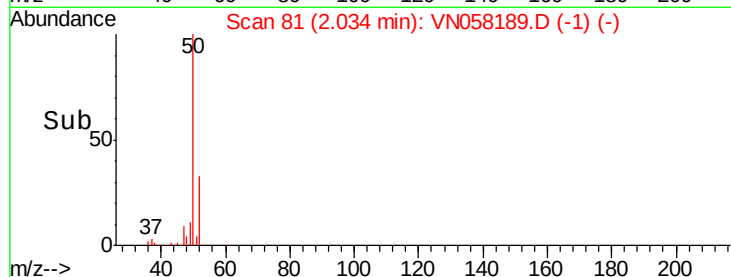
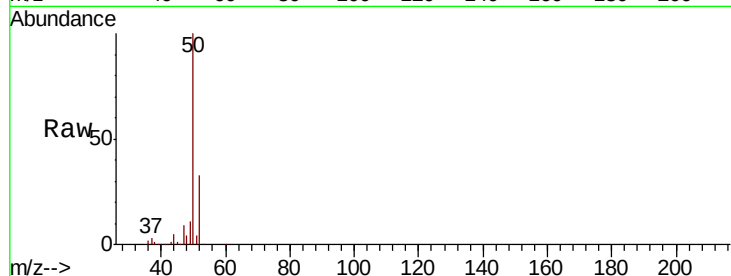
VSTDCCC050

Tot Ion: 50 Resp: 149308

Ion Ratio Lower Upper

50 100

52 33.3 26.3 39.5



#4

Vinyl Chloride

Concen: 48.004 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058189.D

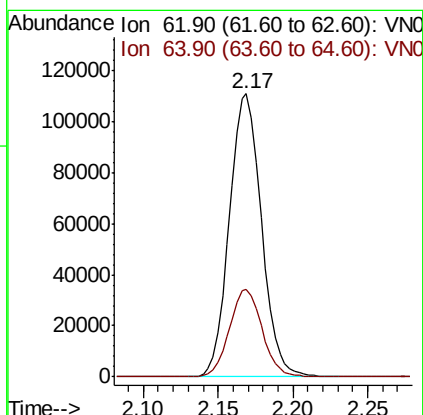
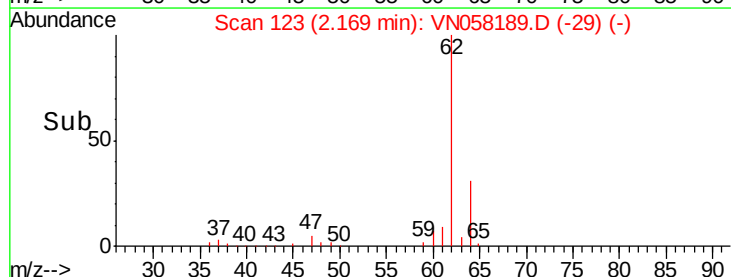
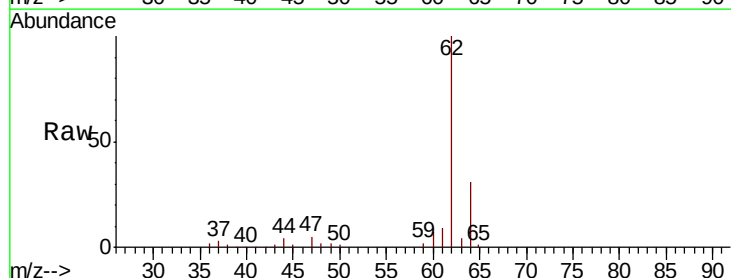
Acq: 19 Sep 2019 8:55

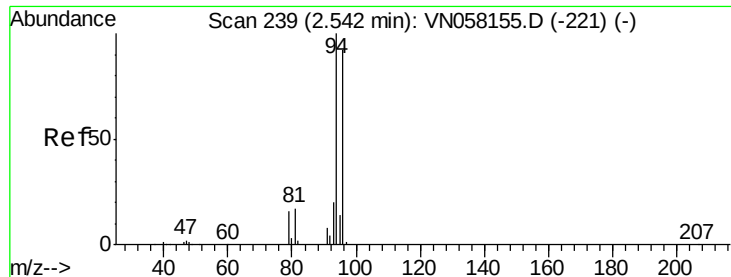
Tgt Ion: 62 Resp: 165811

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.2





#5

Bromomethane

Concen: 43.978 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

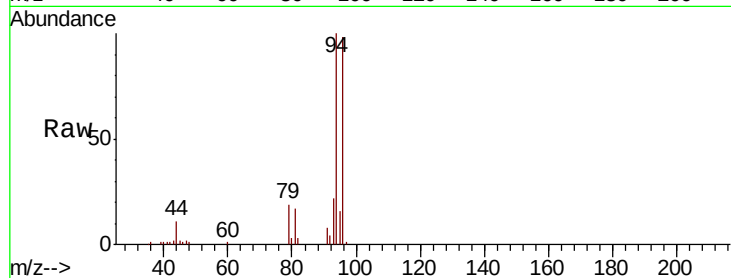
VSTDCCC050

Tot Ion: 94 Resp: 80191

Ion Ratio Lower Upper

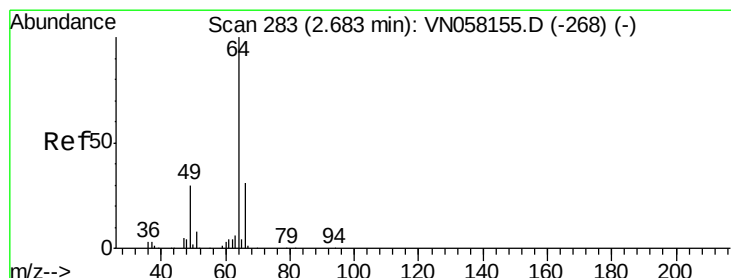
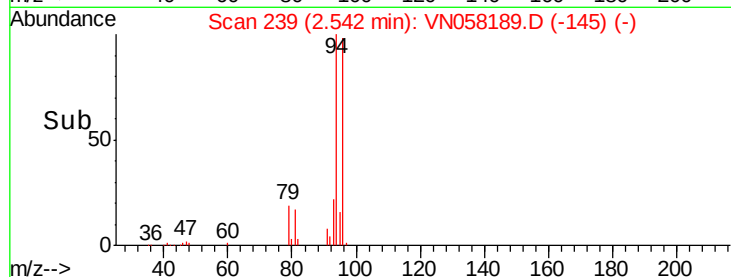
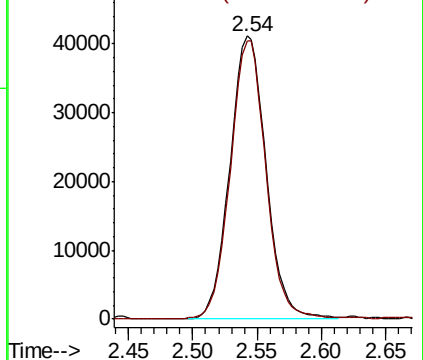
94 100

96 98.0 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.129 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN058189.D

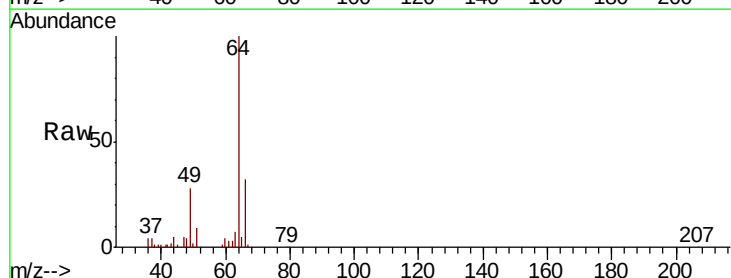
Acq: 19 Sep 2019 8:55

Tgt Ion: 64 Resp: 110822

Ion Ratio Lower Upper

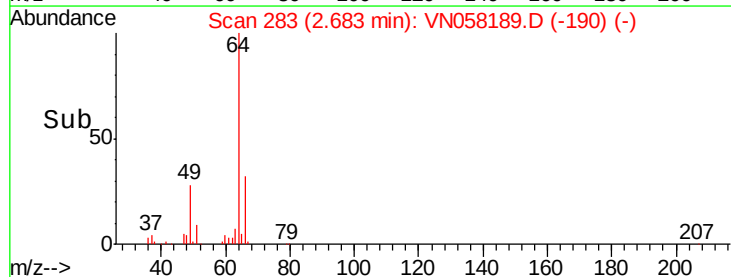
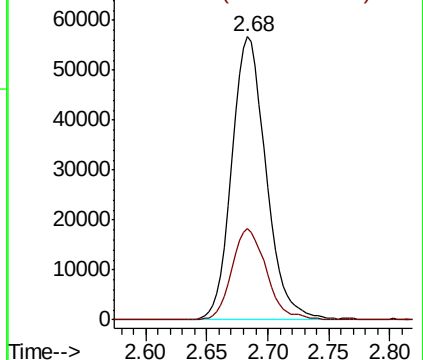
64 100

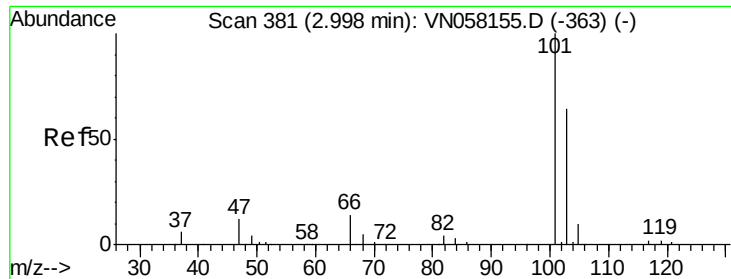
66 32.1 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



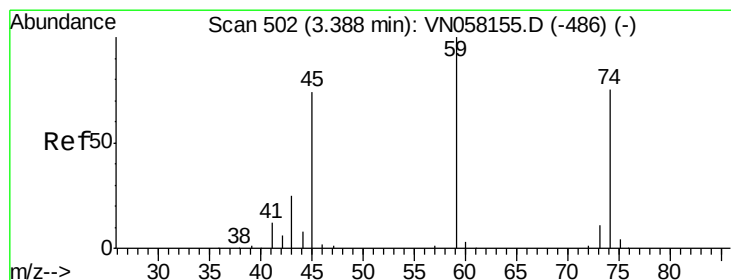
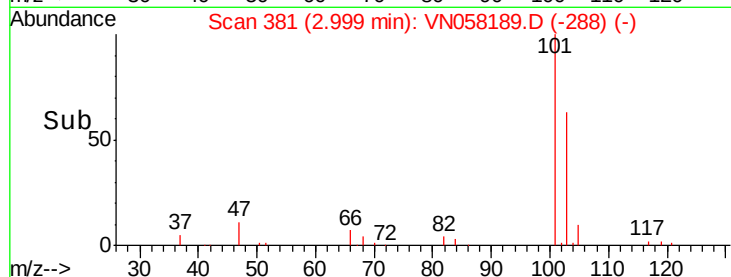
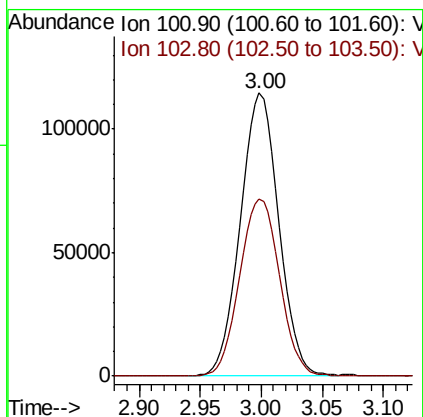
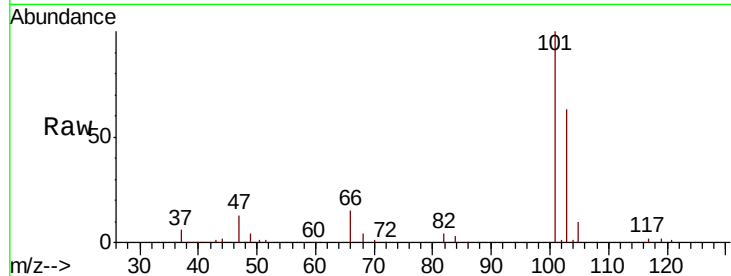


#7

Trichlorofluoromethane
 Concen: 44.661 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Instrument :
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 VSTDCCC050

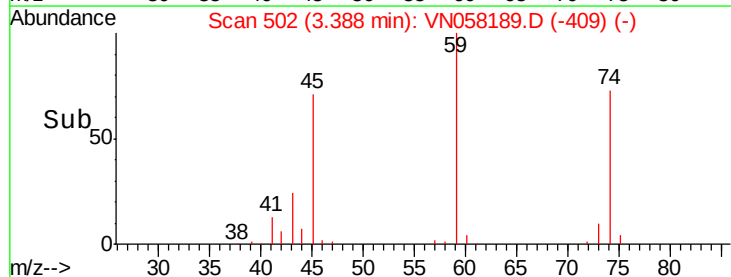
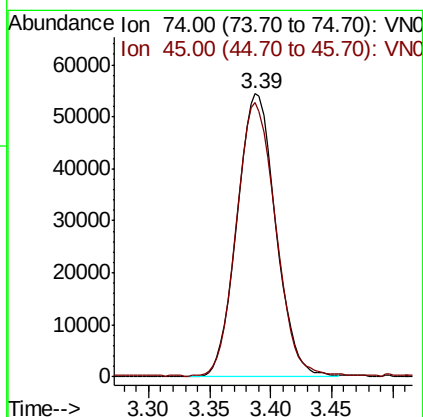
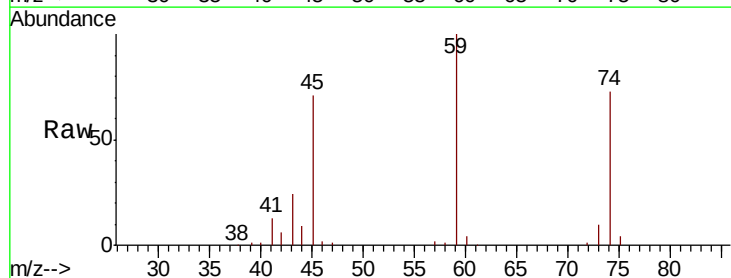
Tot Ion:101 Resp: 249621
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.0 76.6

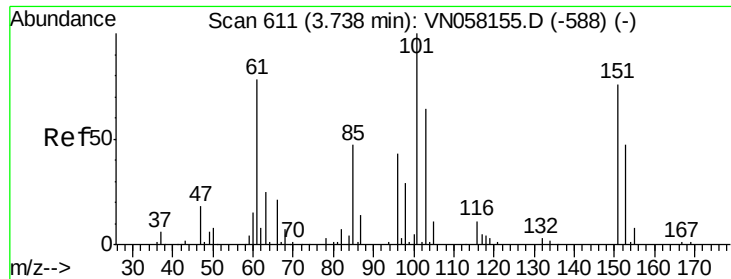


#8

Diethyl Ether
 Concen: 46.565 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Tgt Ion: 74 Resp: 119251
 Ion Ratio Lower Upper
 74 100
 45 97.4 48.5 145.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.374 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

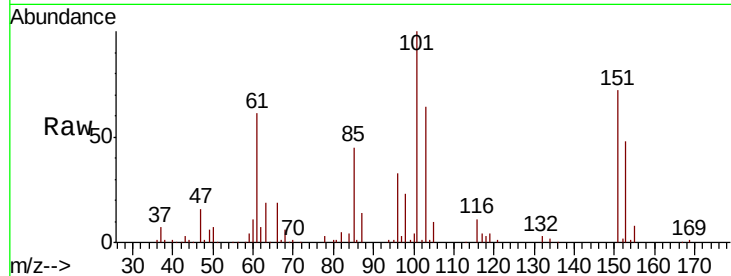
Tot Ion:101 Resp: 190906

Ion Ratio Lower Upper

101 100

85 46.5 37.3 55.9

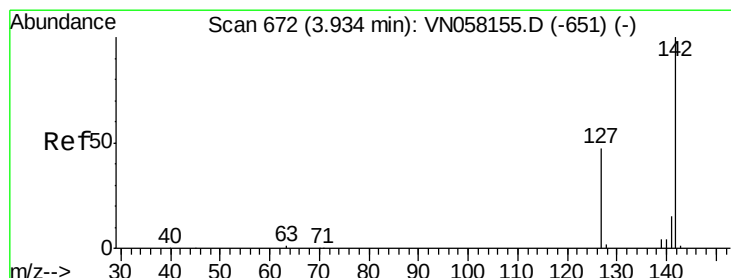
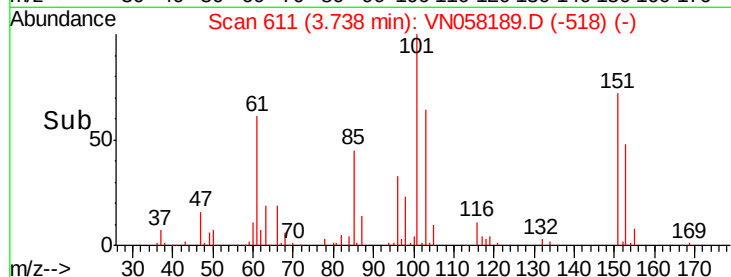
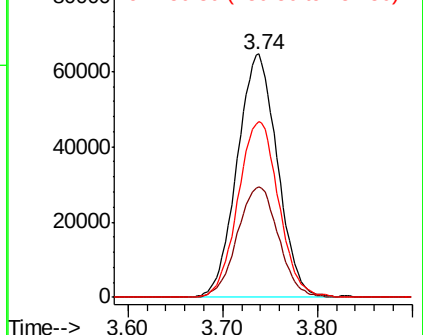
151 73.2 59.6 89.4



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: 41.902 ug/l

RT: 3.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

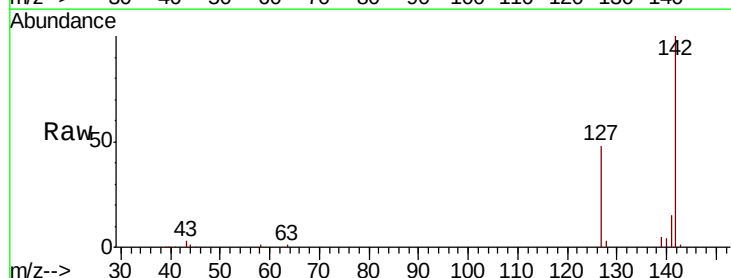
Tgt Ion:142 Resp: 141492

Ion Ratio Lower Upper

142 100

127 46.9 37.5 56.3

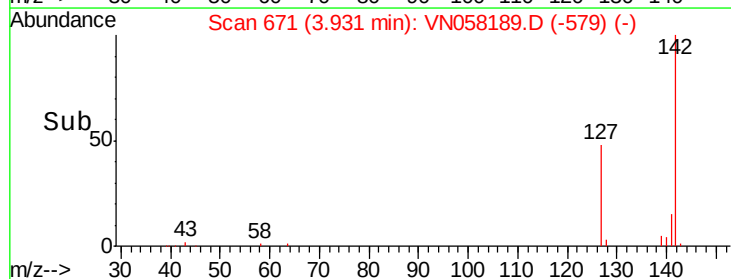
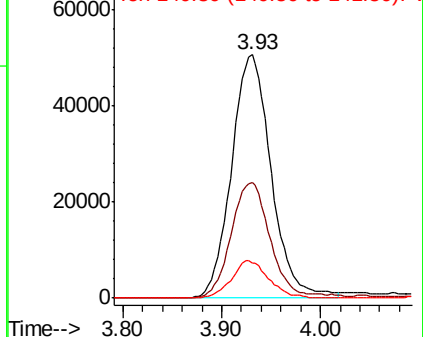
141 14.4 11.4 17.2

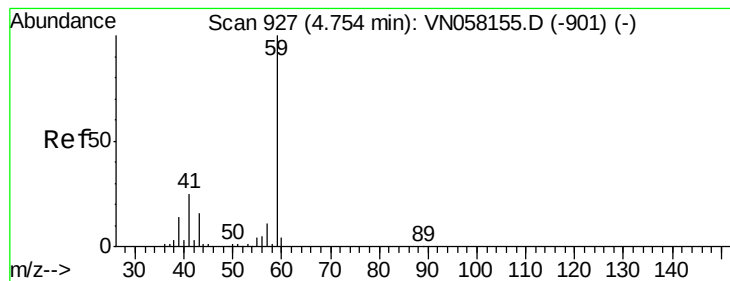


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



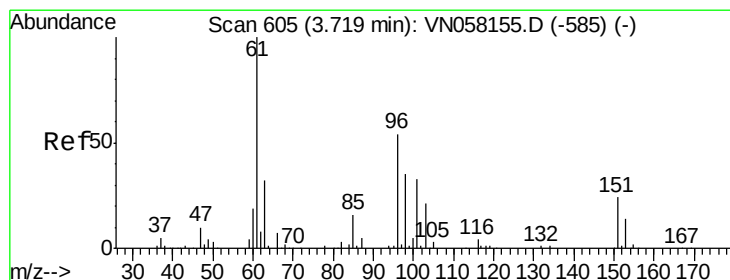
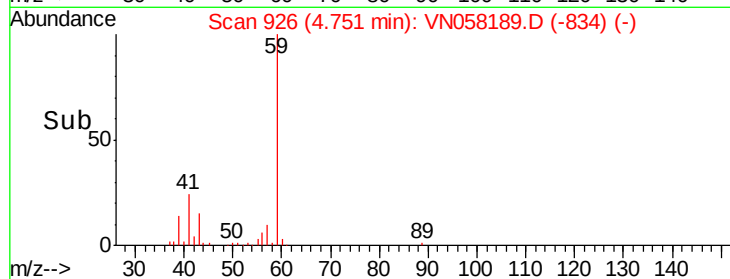
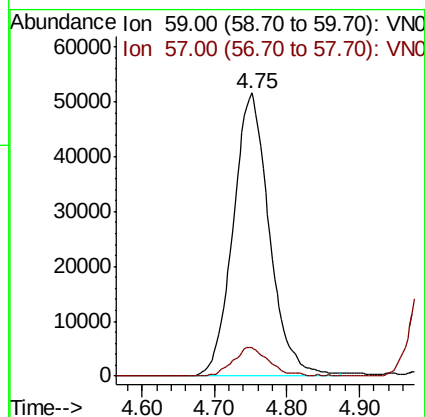
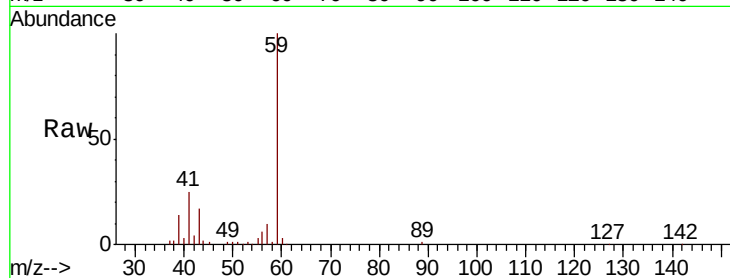


#11

Tert butyl alcohol
 Concen: 216.962 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

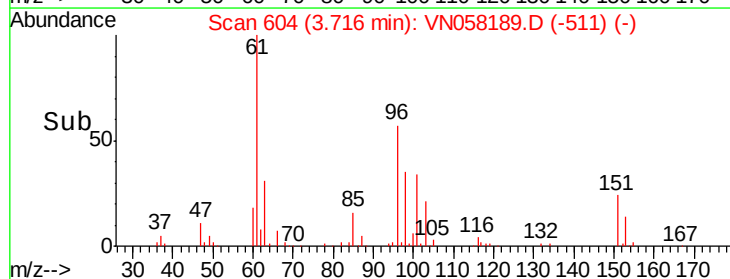
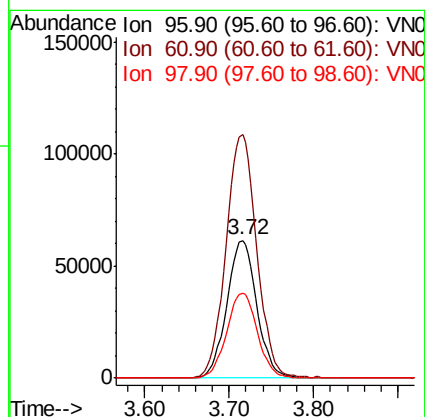
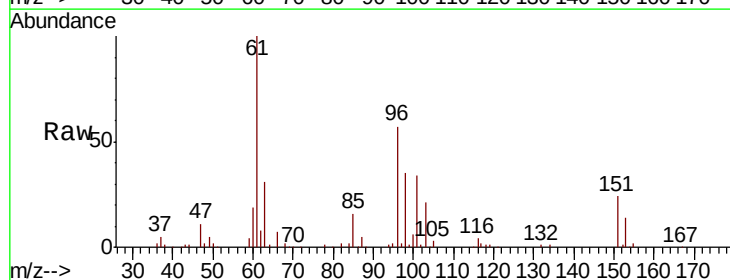
Tot Ion: 59 Resp: 179178
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.6 13.0

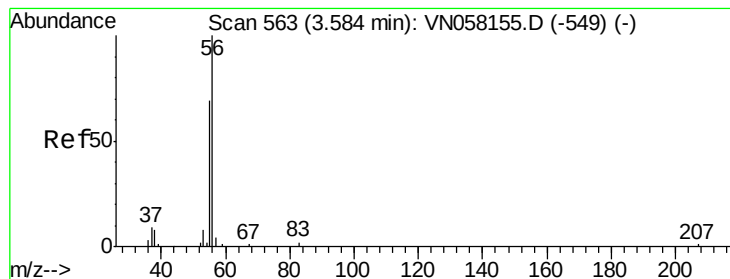


#12

1,1-Dichloroethene
 Concen: 49.728 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Tgt Ion: 96 Resp: 152083
 Ion Ratio Lower Upper
 96 100
 61 176.5 149.5 224.3
 98 61.9 52.4 78.6





#13

Acrolein

Concen: 350.704 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

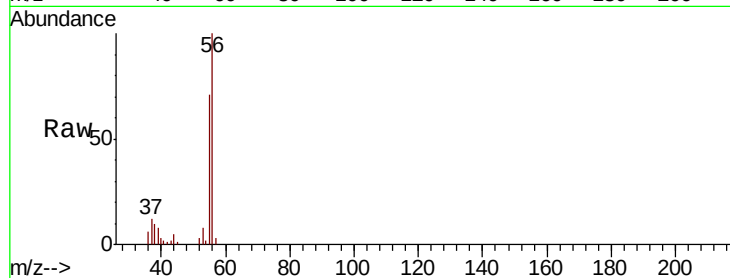
VSTDCCC050

Tot Ion: 56 Resp: 42922

Ion Ratio Lower Upper

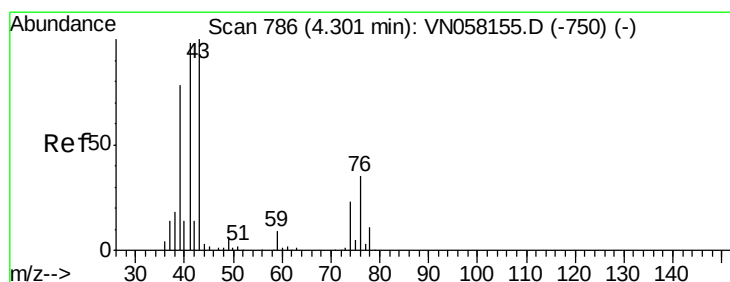
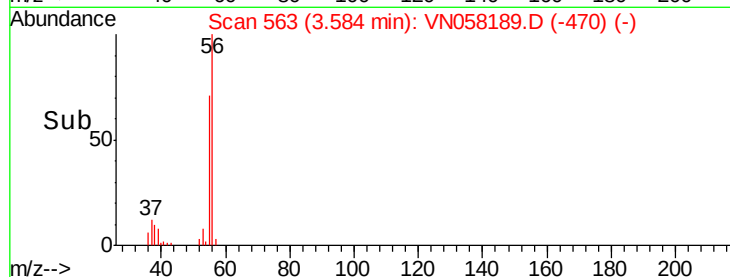
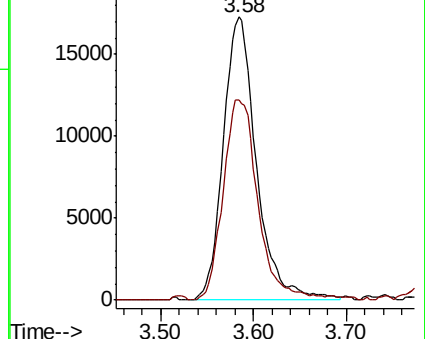
56 100

55 73.9 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 46.807 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

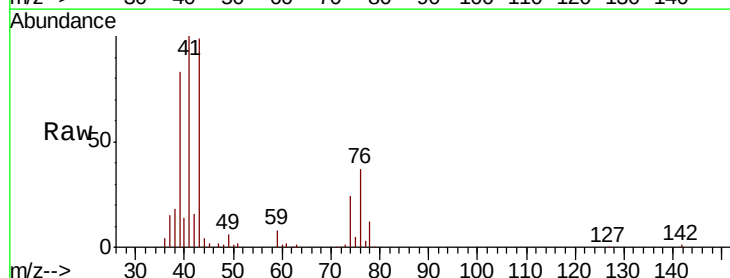
Tgt Ion: 41 Resp: 308647

Ion Ratio Lower Upper

41 100

39 75.6 59.1 88.7

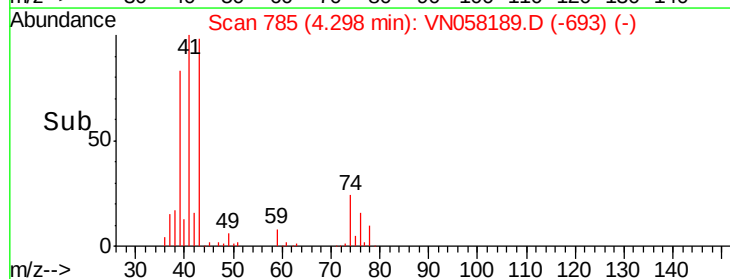
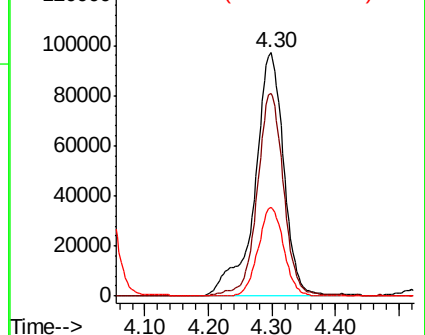
76 32.1 25.1 37.7

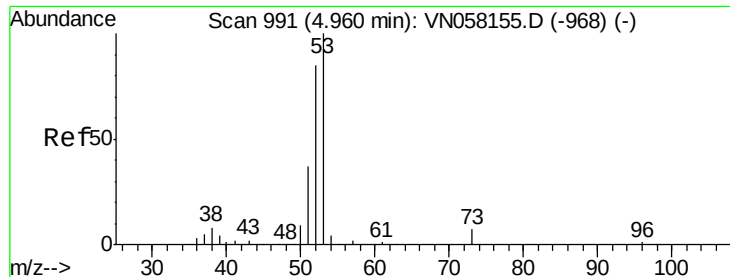


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 238.342 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.01 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

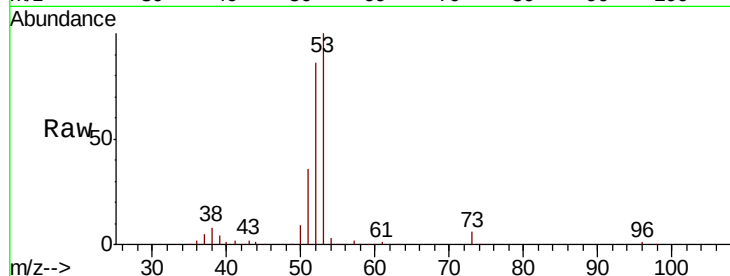
Tot Ion: 53 Resp: 524423

Ion Ratio Lower Upper

53 100

52 84.0 66.6 100.0

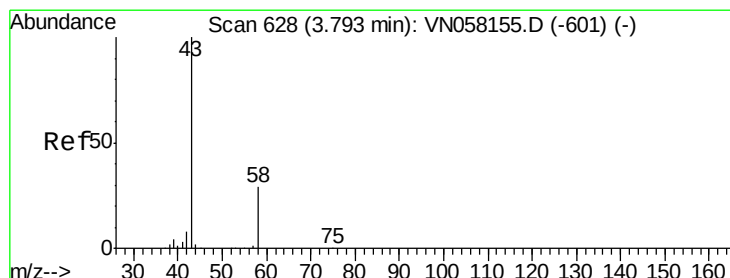
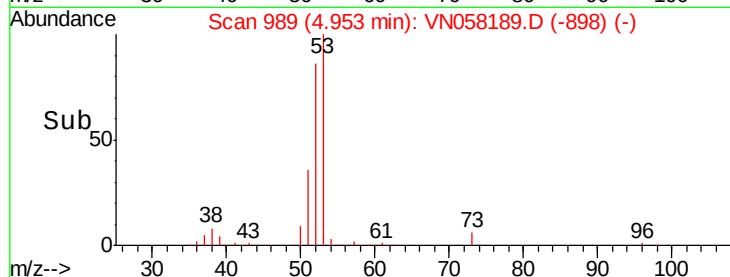
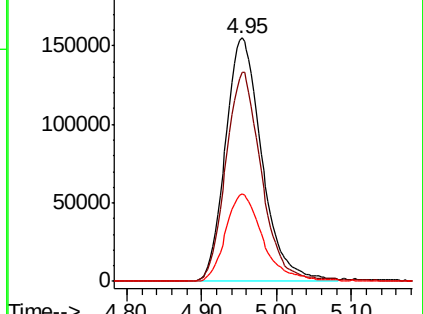
51 36.9 29.7 44.5



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: 271.147 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN058189.D

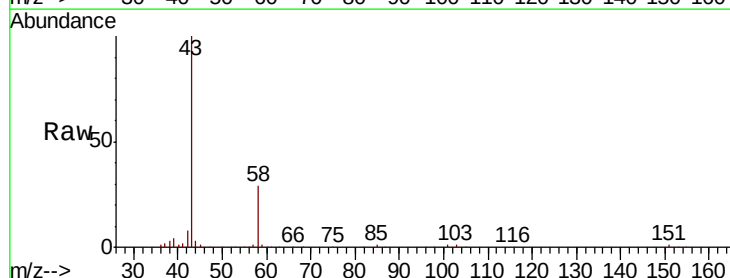
Acq: 19 Sep 2019 8:55

Tgt Ion: 43 Resp: 638993

Ion Ratio Lower Upper

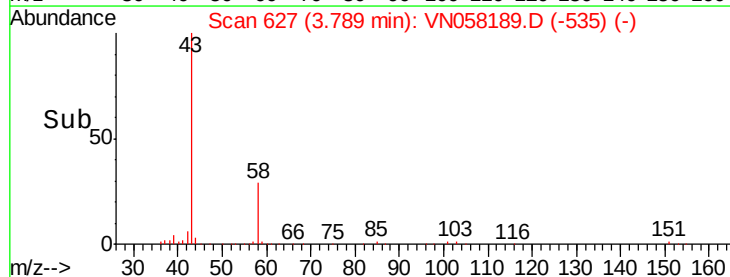
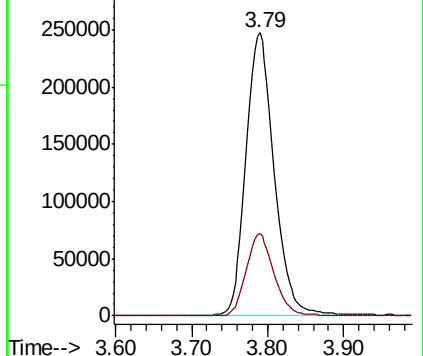
43 100

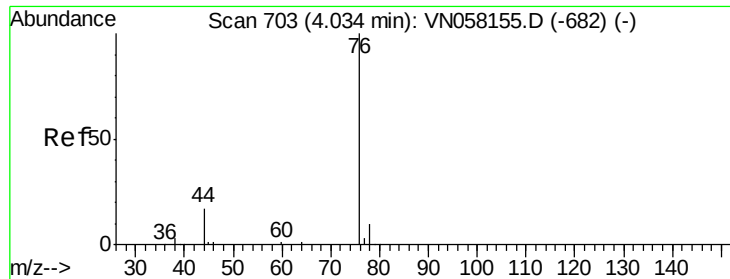
58 29.3 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 45.369 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

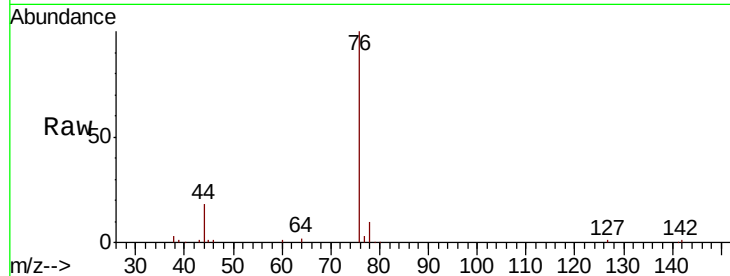
VSTDCCC050

Tot Ion: 76 Resp: 195188

Ion Ratio Lower Upper

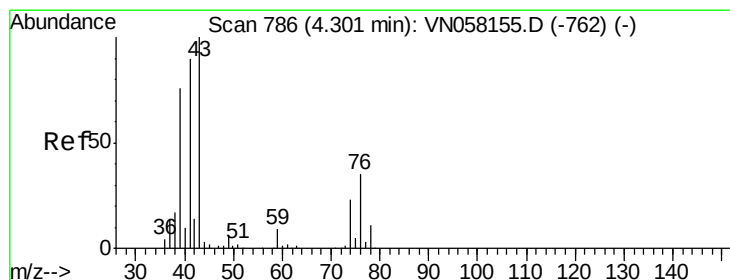
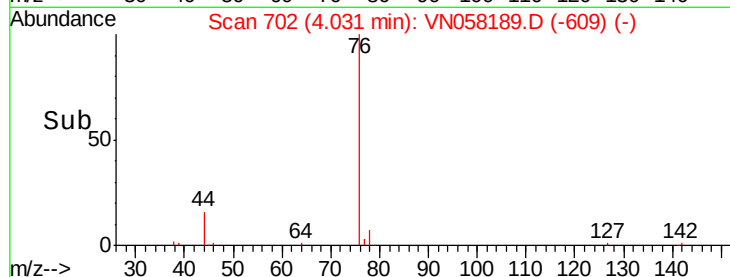
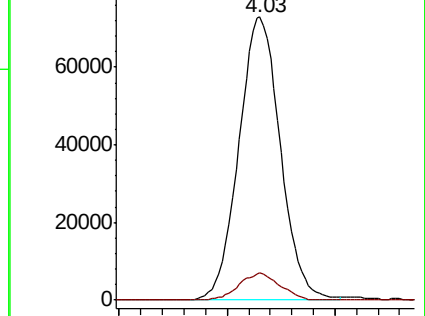
76 100

78 9.7 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN058189.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN058189.D (-609) (-)



#18

Methyl Acetate

Concen: 44.528 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN058189.D

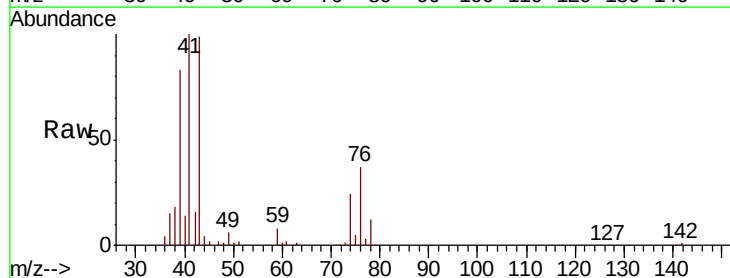
Acq: 19 Sep 2019 8:55

Tgt Ion: 43 Resp: 276122

Ion Ratio Lower Upper

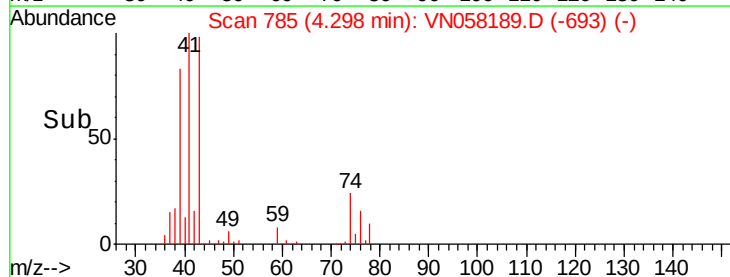
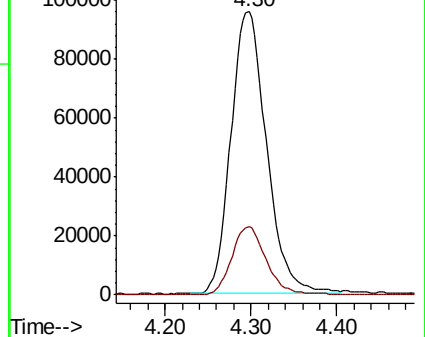
43 100

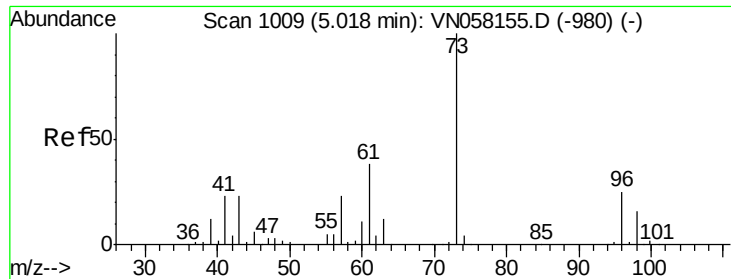
74 23.2 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VN058189.D (-693) (-)

Ion 74.00 (73.70 to 74.70): VN058189.D (-693) (-)

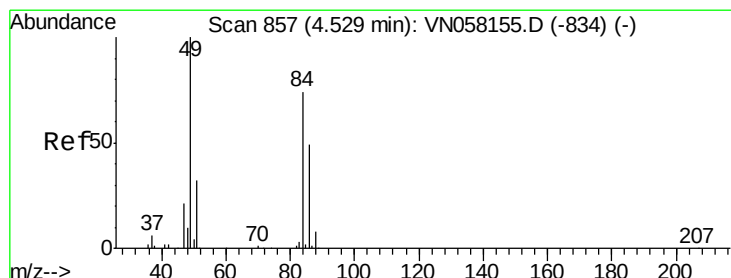
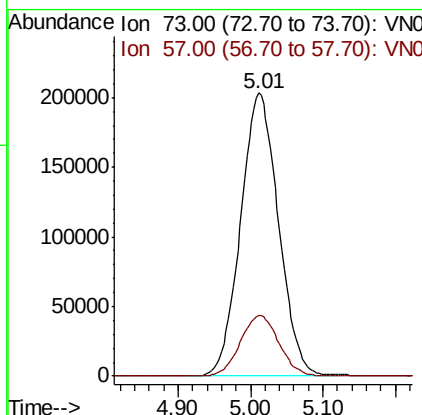
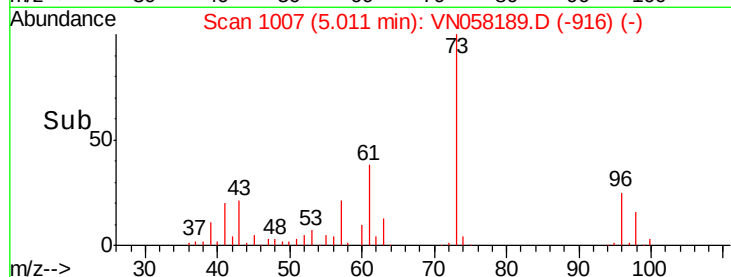
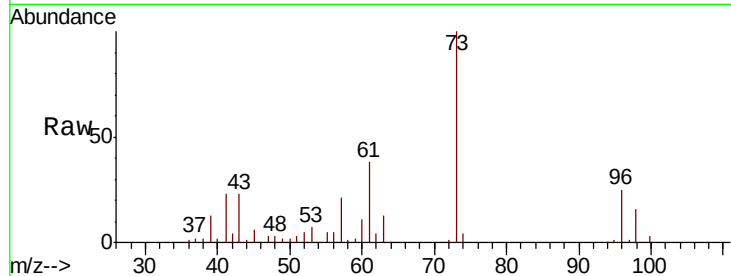




#19
Methyl tert-butyl Ether
Concen: 48.547 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

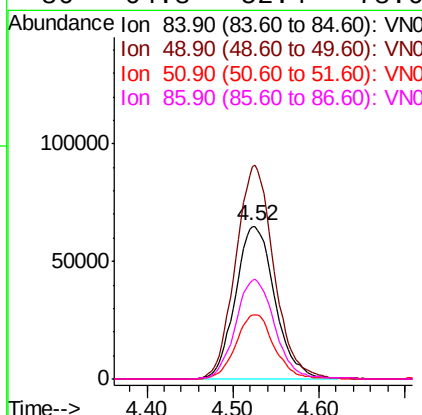
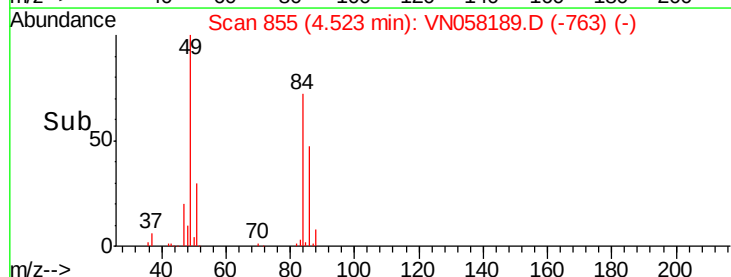
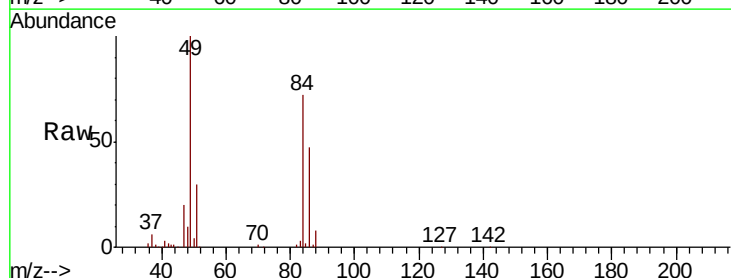
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

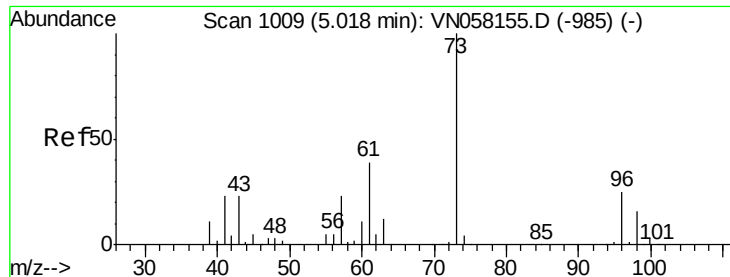
Tot Ion: 73 Resp: 737861
Ion Ratio Lower Upper
73 100
57 21.5 18.1 27.1



#20
Methylene Chloride
Concen: 50.147 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.01 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Tgt Ion: 84 Resp: 206901
Ion Ratio Lower Upper
84 100
49 139.0 107.5 161.3
51 42.0 33.9 50.9
86 64.8 52.4 78.6

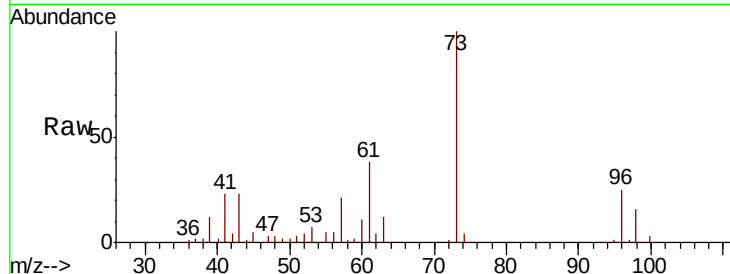




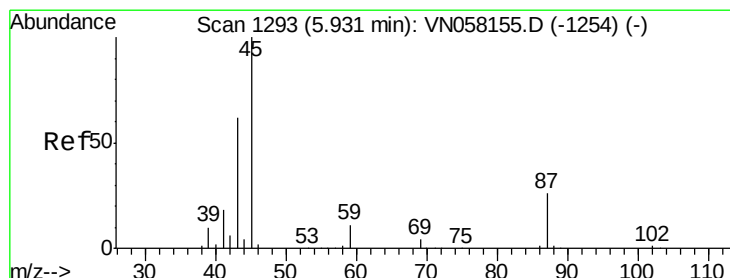
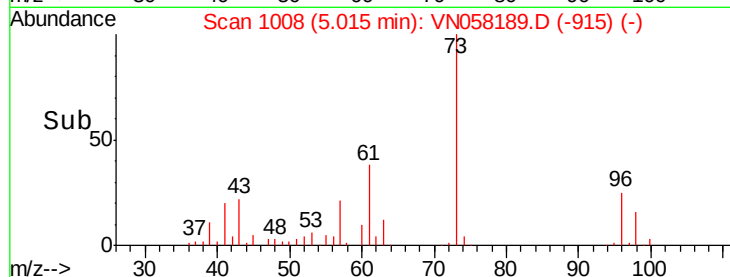
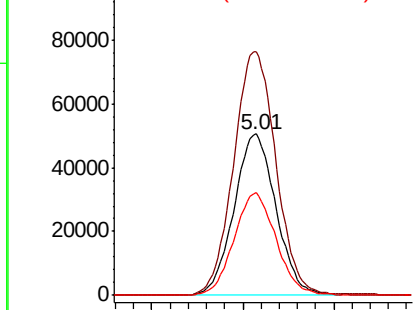
#21
trans-1,2-Dichloroethene
Concen: 48.523 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 161737
Ion Ratio Lower Upper
96 100
61 150.4 122.2 183.4
98 63.6 49.9 74.9

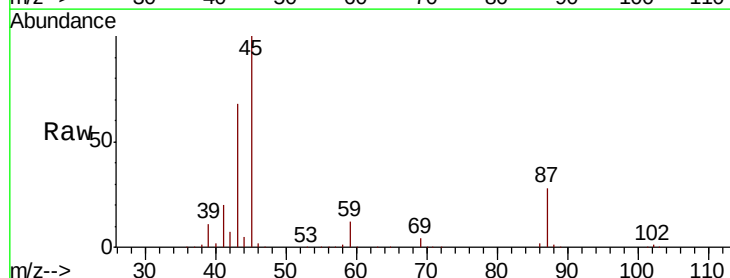


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

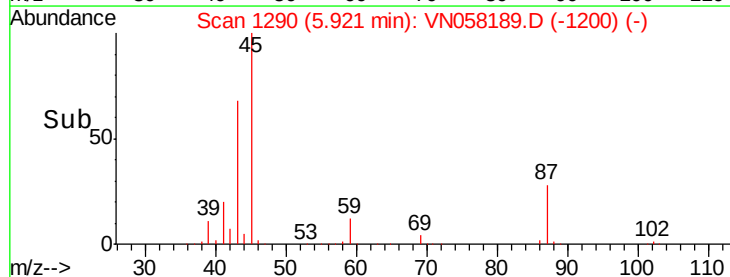
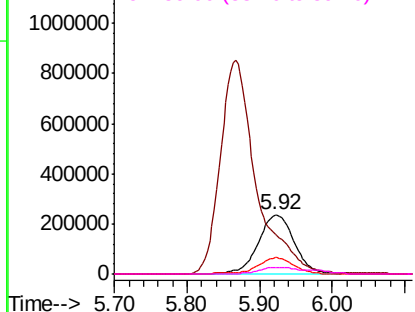


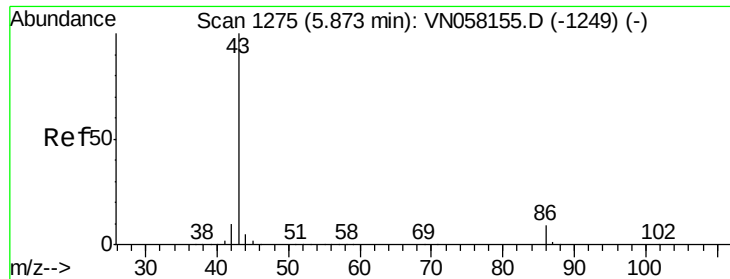
#22
Diisopropyl ether
Concen: 48.669 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.01 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Tgt Ion: 45 Resp: 815208
Ion Ratio Lower Upper
45 100
43 67.3 49.7 74.5
87 27.3 20.7 31.1
59 11.5 9.1 13.7



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

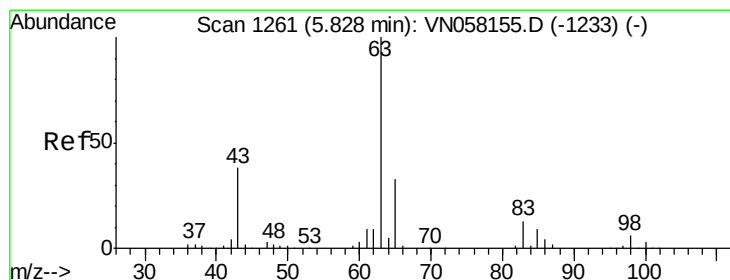
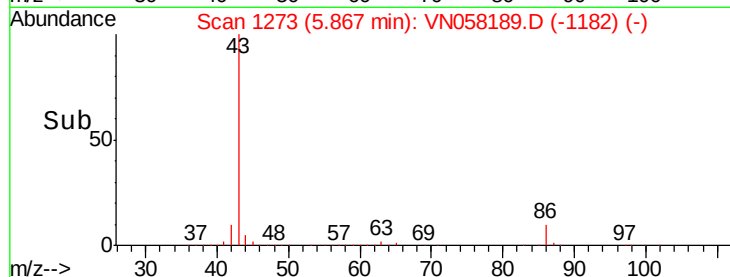
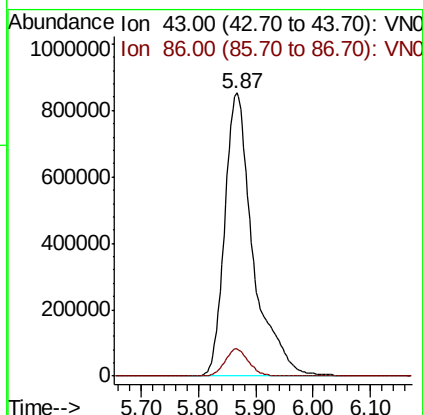
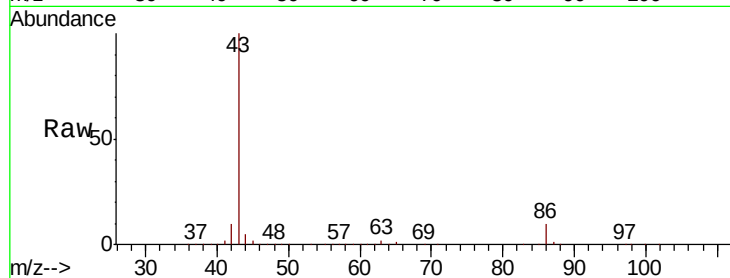




#23
 Vinyl Acetate
 Concen: 256.442 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

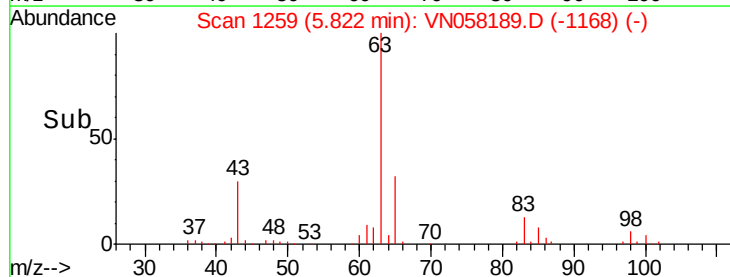
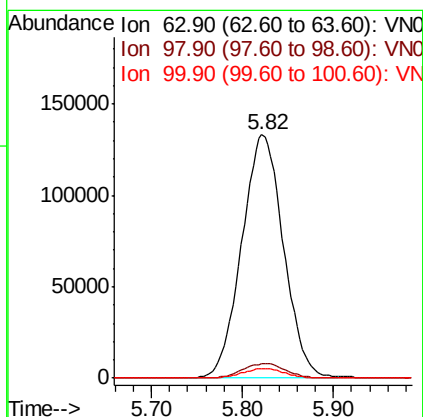
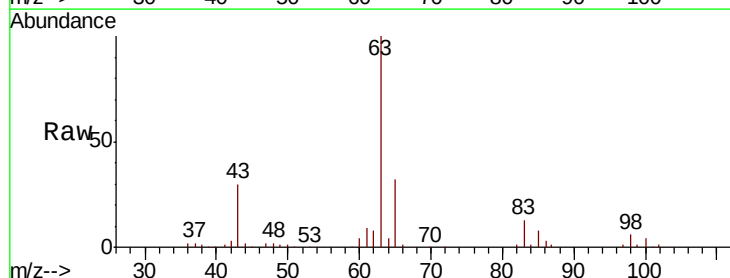
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

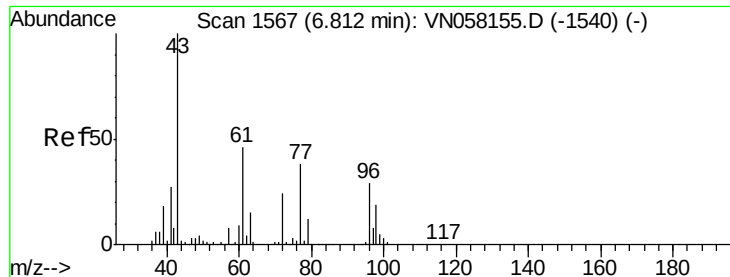
Tot Ion: 43 Resp: 2939190
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 47.419 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Tgt Ion: 63 Resp: 423919
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.6
 100 3.9 1.8 5.3





#25

2-Butanone

Concen: 252.241 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

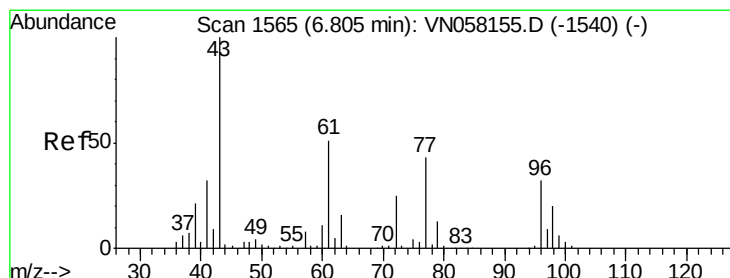
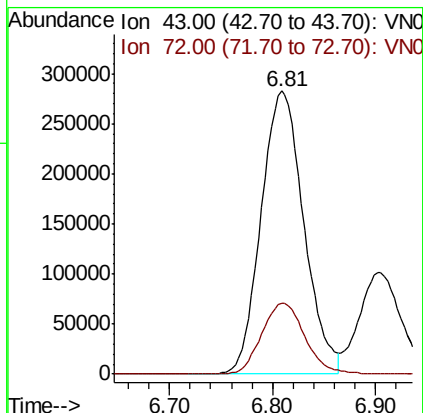
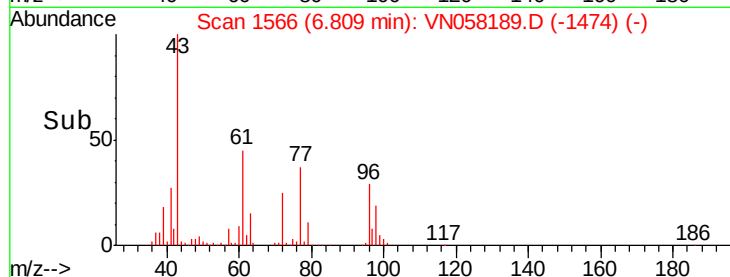
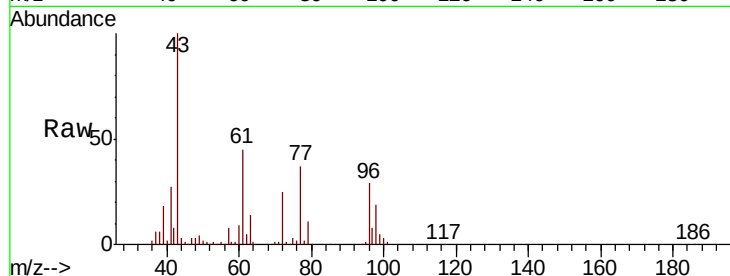
VSTDCCC050

Tot Ion: 43 Resp: 809850

Ion Ratio Lower Upper

43 100

72 25.3 19.5 29.3



#26

2,2-Dichloropropane

Concen: 47.421 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058189.D

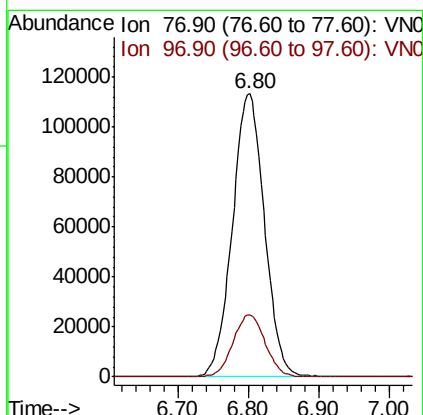
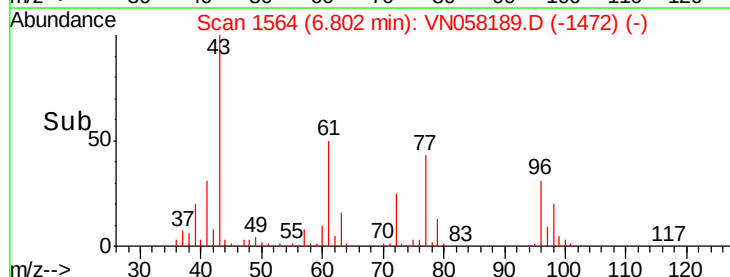
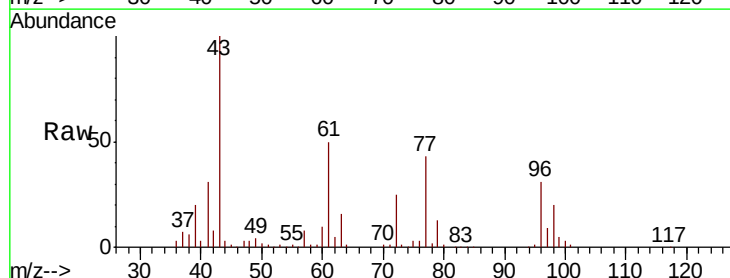
Acq: 19 Sep 2019 8:55

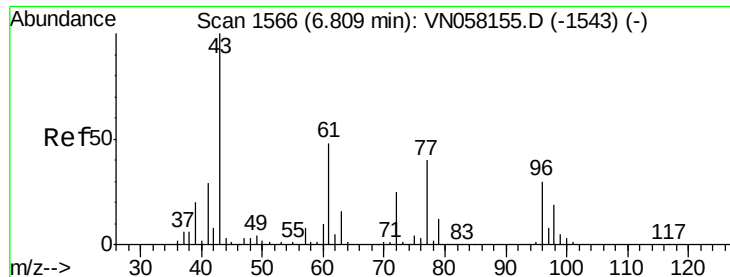
Tgt Ion: 77 Resp: 359653

Ion Ratio Lower Upper

77 100

97 22.0 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 48.030 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

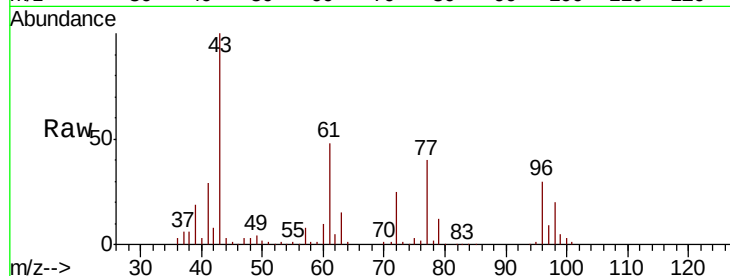
Tot Ion: 96 Resp: 242788

Ion Ratio Lower Upper

96 100

61 159.2 0.0 319.0

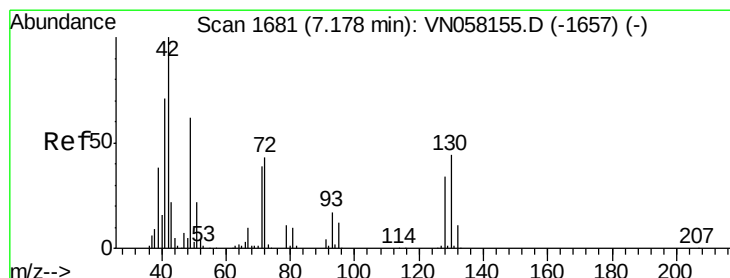
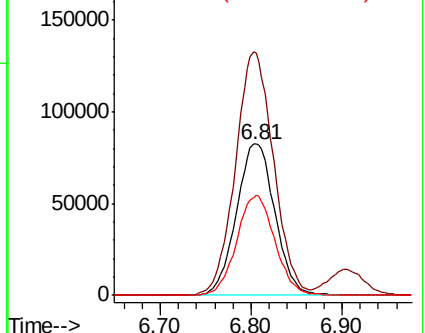
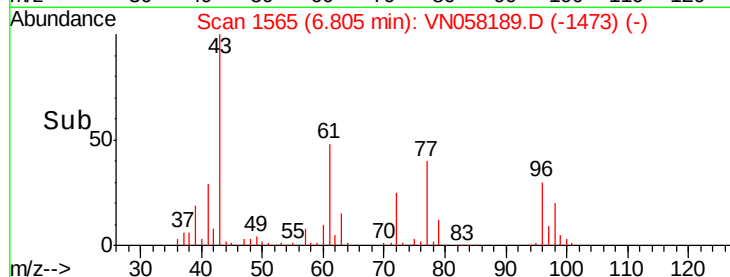
98 65.3 0.0 126.6



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: 50.270 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

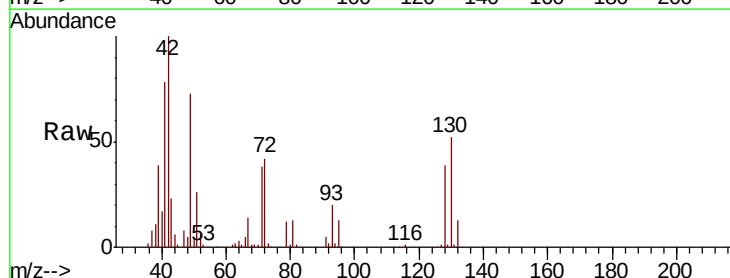
Tgt Ion: 49 Resp: 212597

Ion Ratio Lower Upper

49 100

129 1.8 0.0 1.8

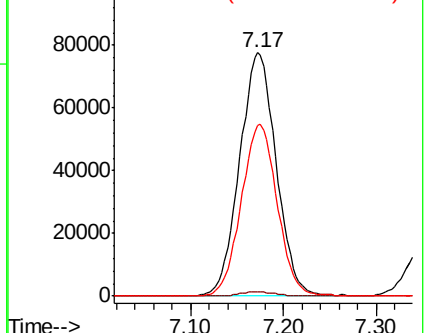
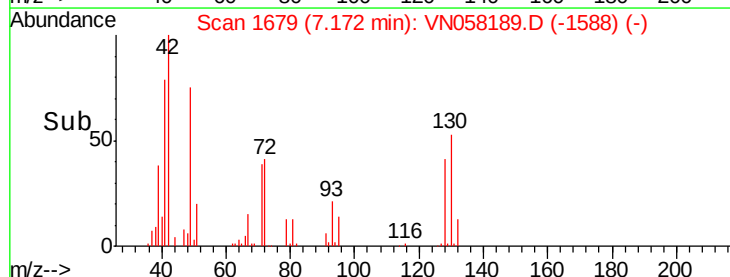
130 69.5 55.4 83.2

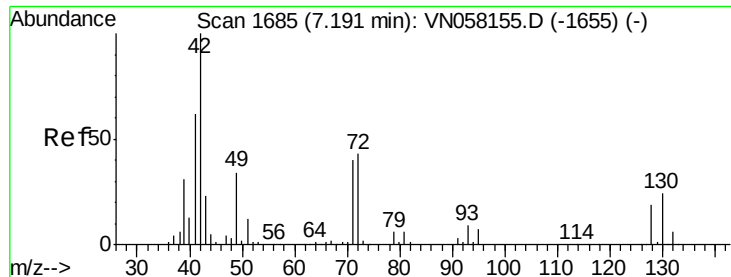


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 221.563 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

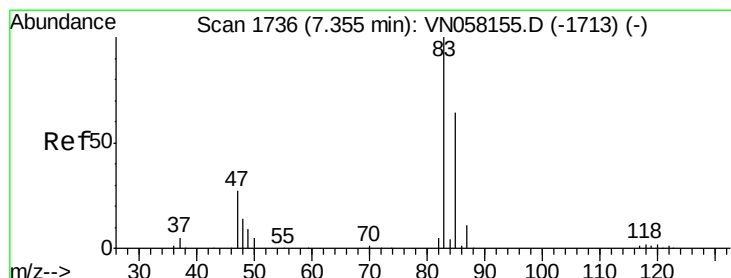
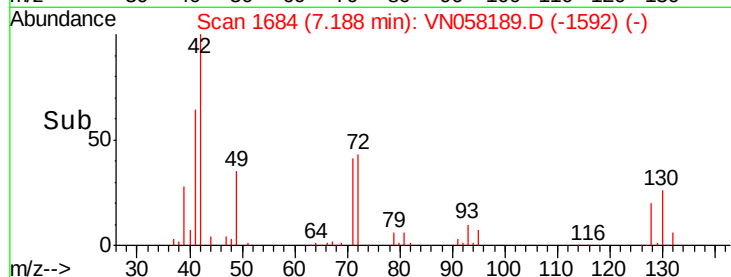
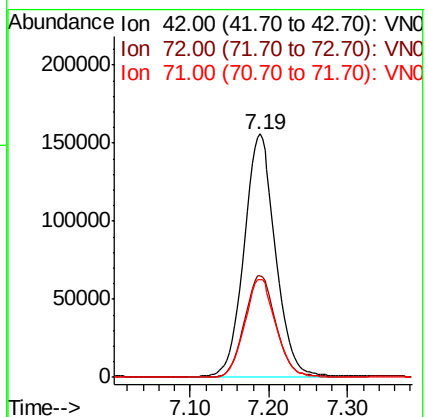
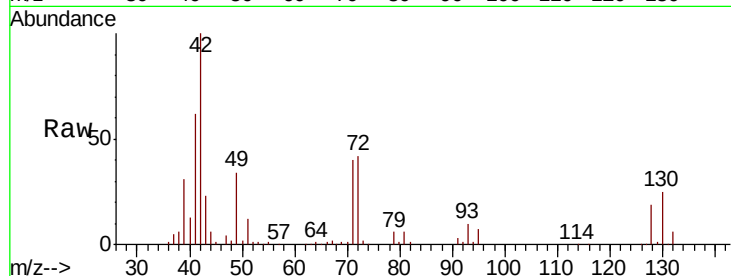
Tot Ion: 42 Resp: 438176

Ion Ratio Lower Upper

42 100

72 42.2 33.8 50.6

71 40.3 31.4 47.0



#30

Chloroform

Concen: 47.890 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. -0.00 min

Lab File: VN058189.D

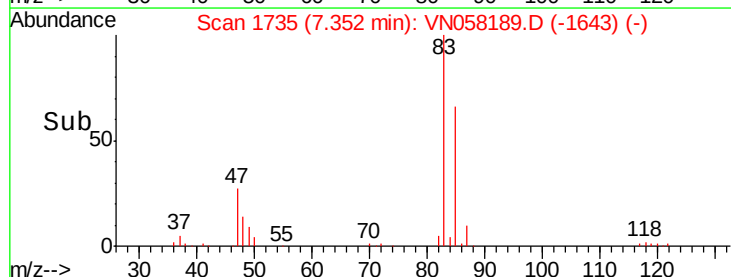
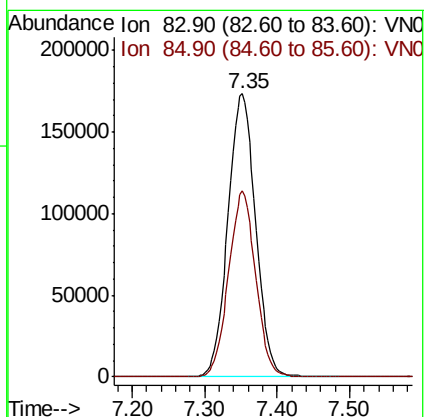
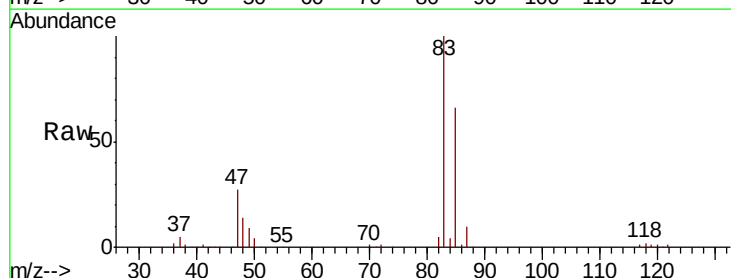
Acq: 19 Sep 2019 8:55

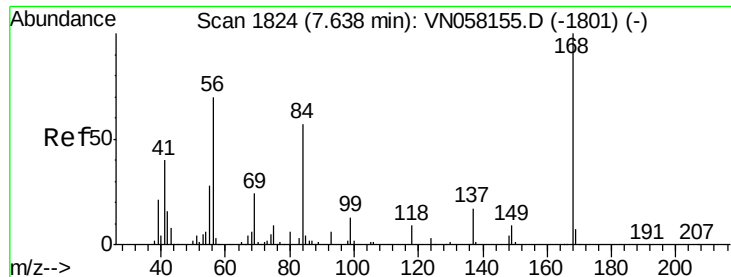
Tgt Ion: 83 Resp: 460843

Ion Ratio Lower Upper

83 100

85 65.7 51.4 77.2

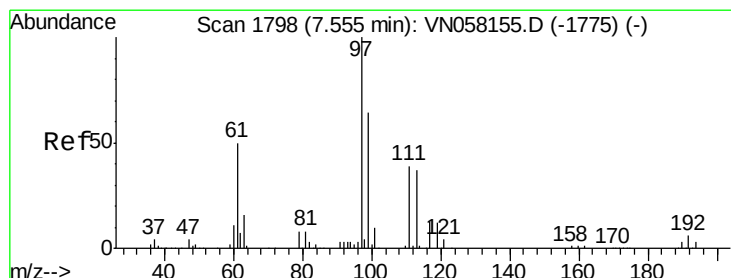
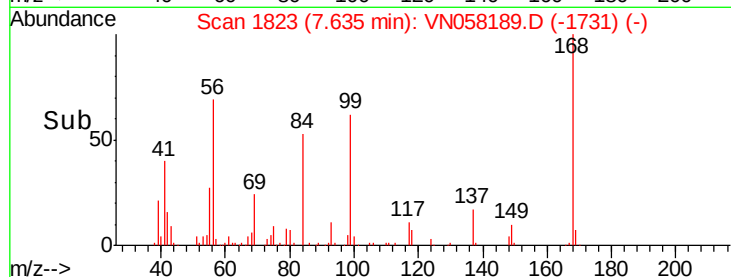
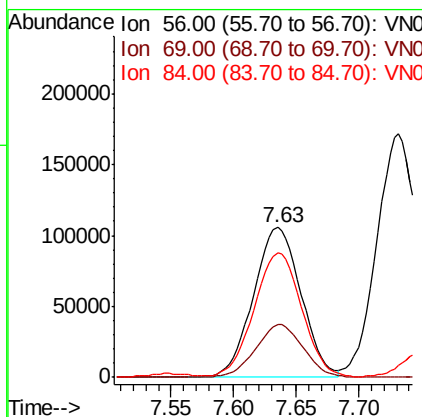
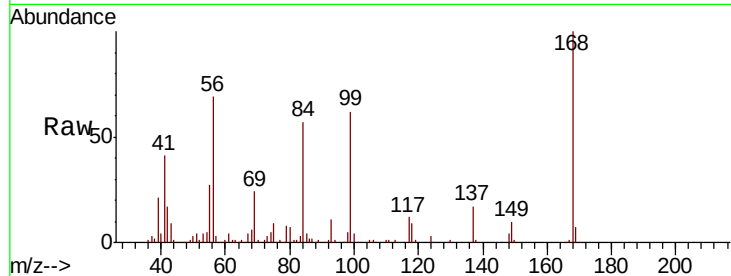




#31
Cyclohexane
Concen: 48.400 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

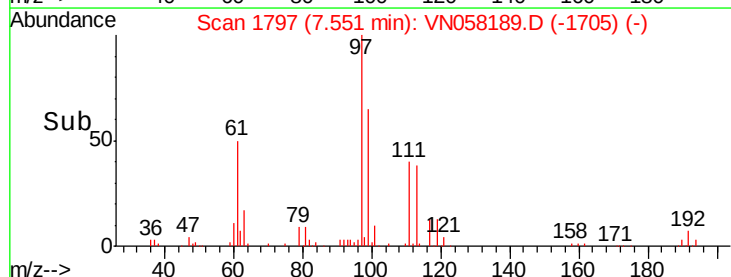
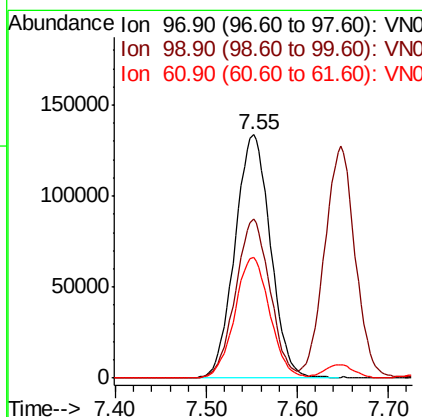
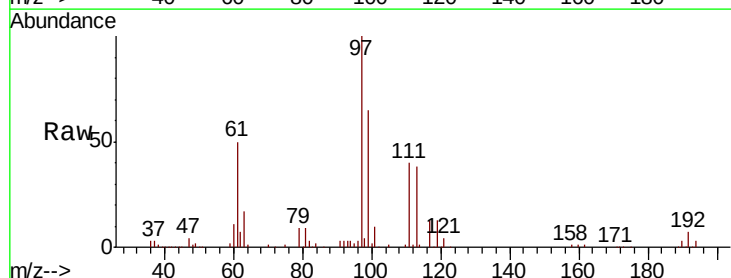
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

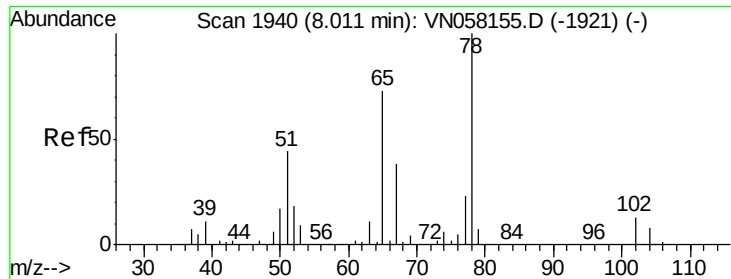
Tot Ion: 56 Resp: 280137
Ion Ratio Lower Upper
56 100
69 34.9 27.3 40.9
84 81.4 65.0 97.4



#32
1,1,1-Trichloroethane
Concen: 49.453 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Tgt Ion: 97 Resp: 362283
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 48.9 39.2 58.8





#33

1,2-Dichloroethane-d4

Concen: 51.611 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

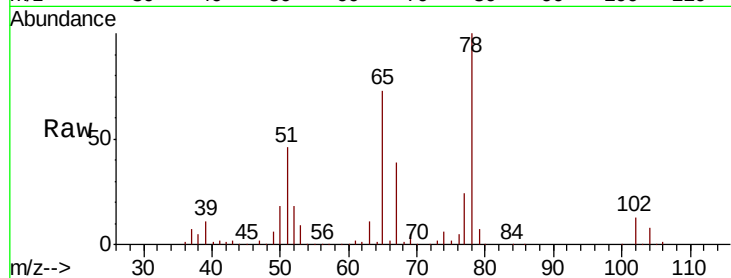
VSTDCCC050

Tot Ion: 65 Resp: 358318

Ion Ratio Lower Upper

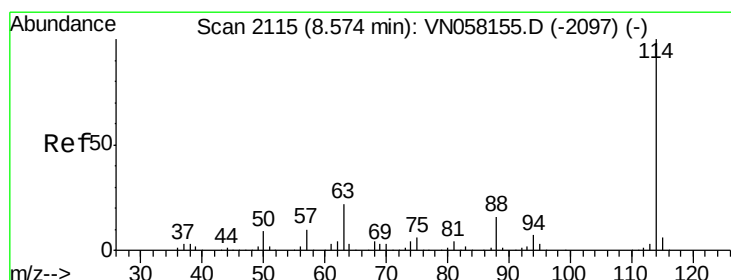
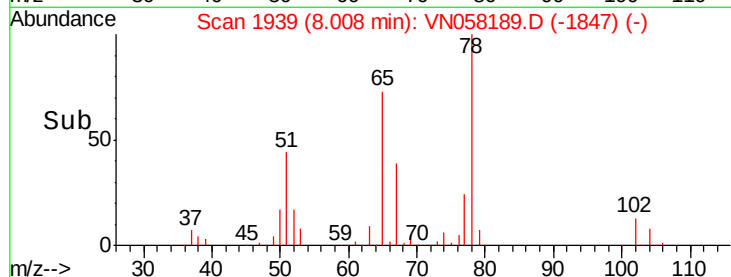
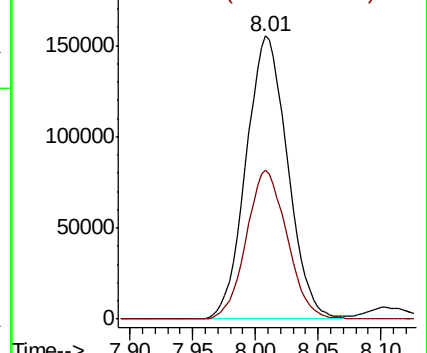
65 100

67 51.7 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

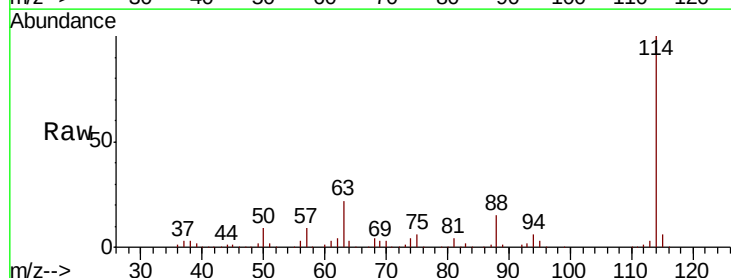
Tgt Ion: 114 Resp: 843861

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.2

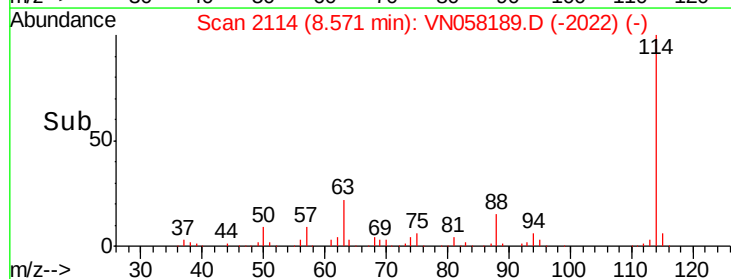
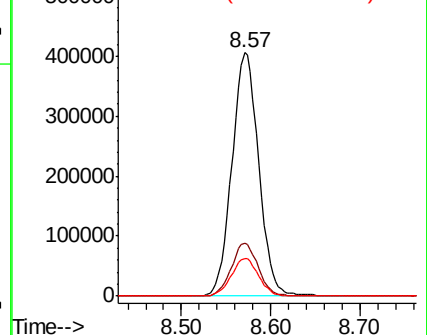
88 15.4 0.0 31.6

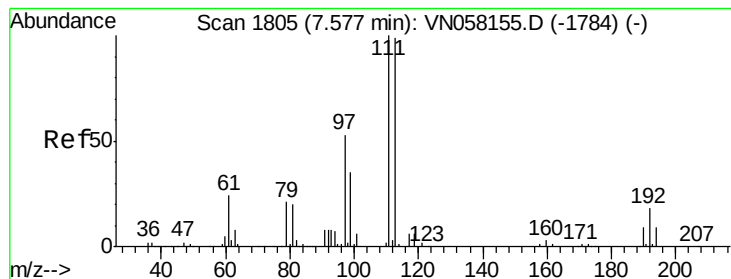


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 50.737 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

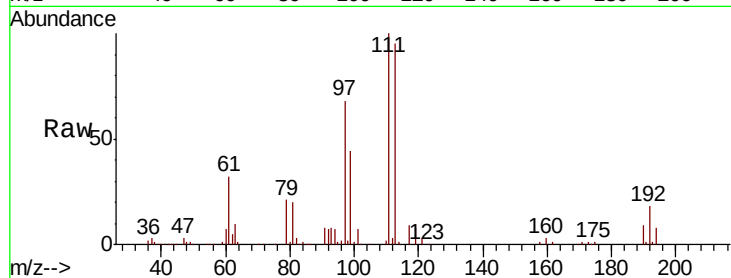
Tot Ion:113 Resp: 260278

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

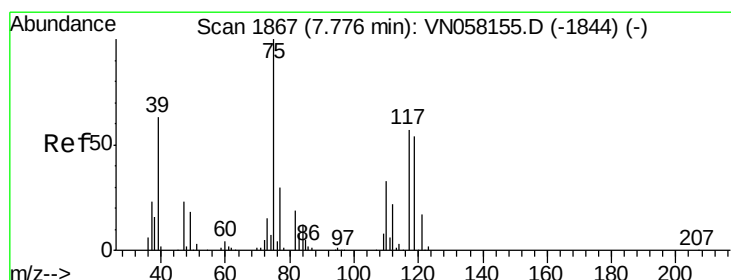
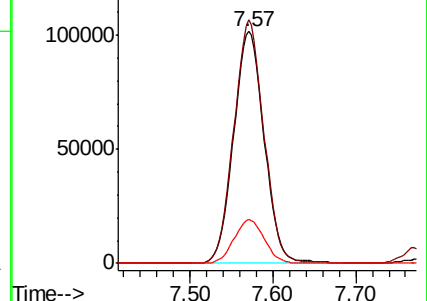
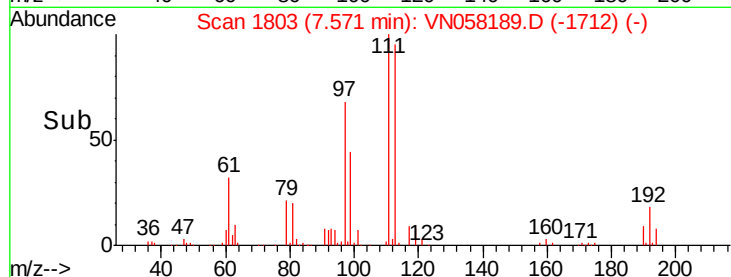
192 18.7 14.5 21.7



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: 44.540 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

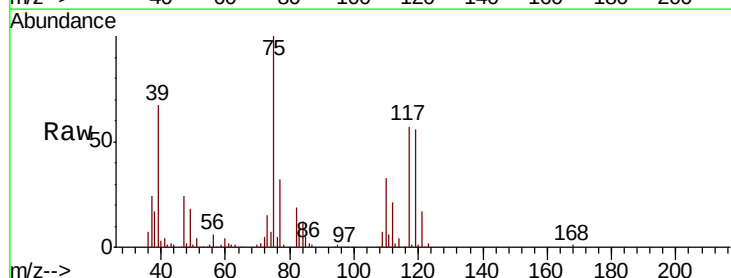
Tgt Ion: 75 Resp: 271047

Ion Ratio Lower Upper

75 100

110 33.0 16.6 49.7

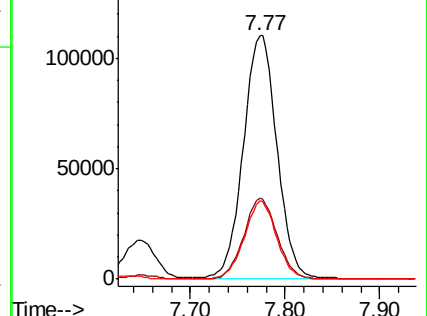
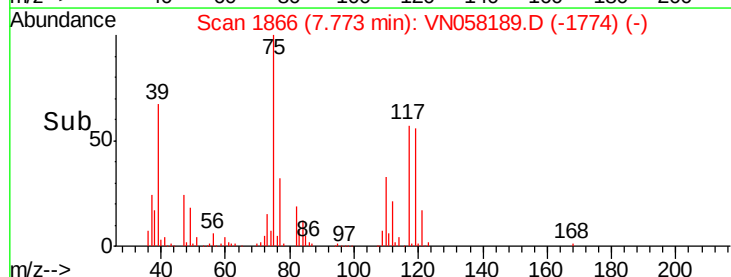
77 31.1 24.3 36.5

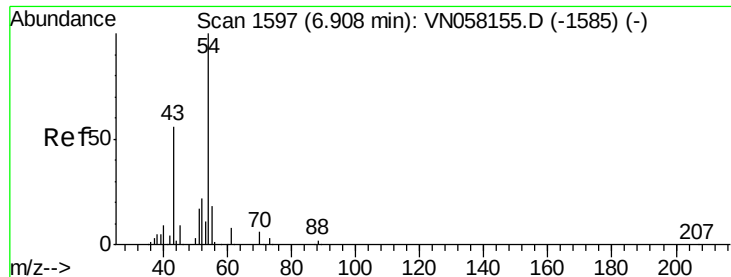


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

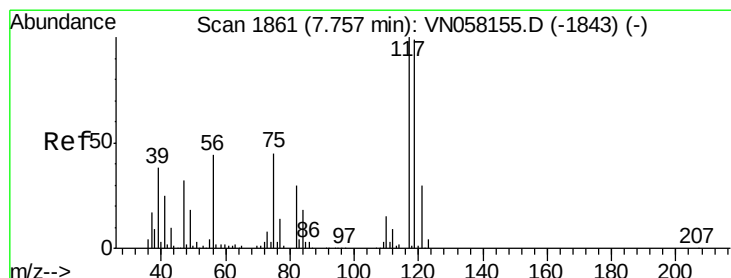
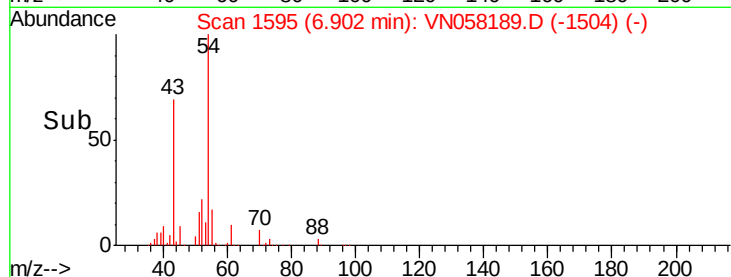
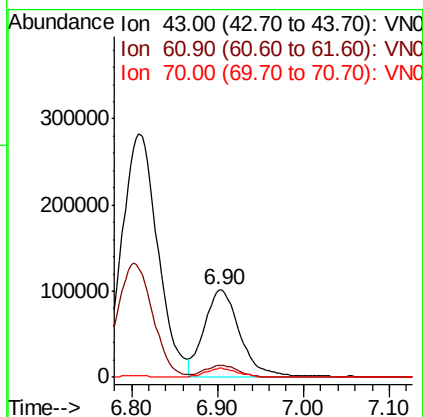
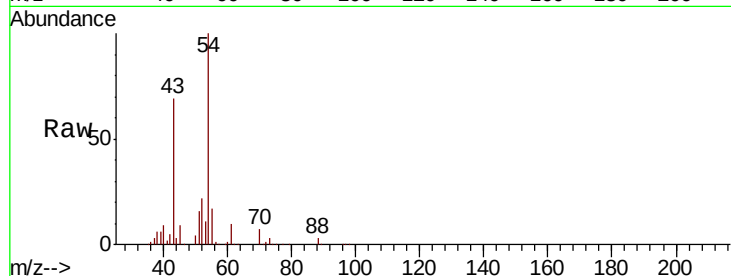




#37
Ethyl Acetate
Concen: 45.993 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

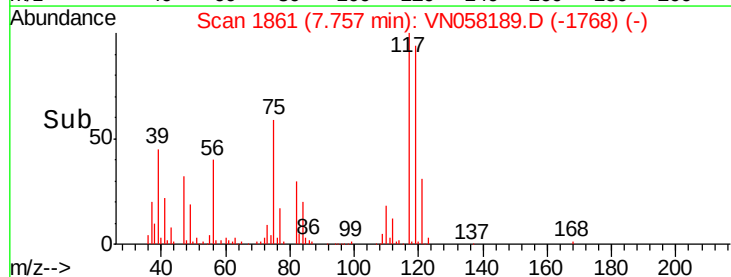
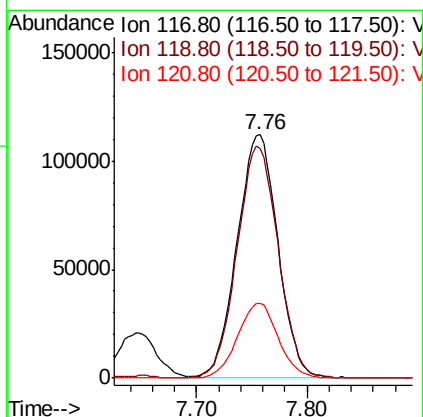
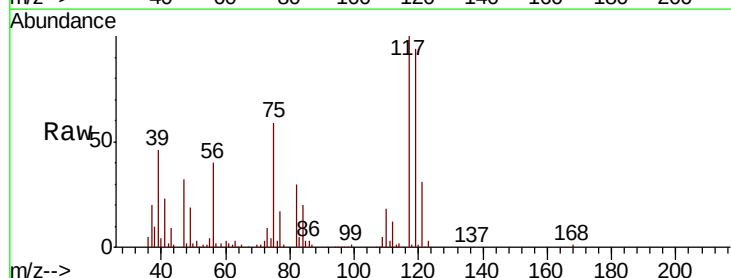
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

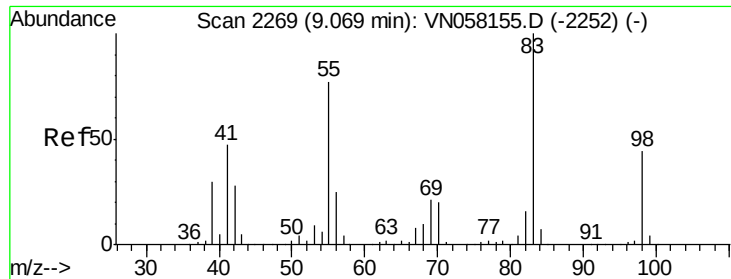
Tot Ion	43	Resp	290467
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.7	16.1
70	9.2	7.6	11.4



#38
Carbon Tetrachloride
Concen: 46.640 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Tgt Ion	117	Resp	285310
Ion Ratio	Lower	Upper	
117	100		
119	94.7	78.6	117.8
121	30.9	24.1	36.1

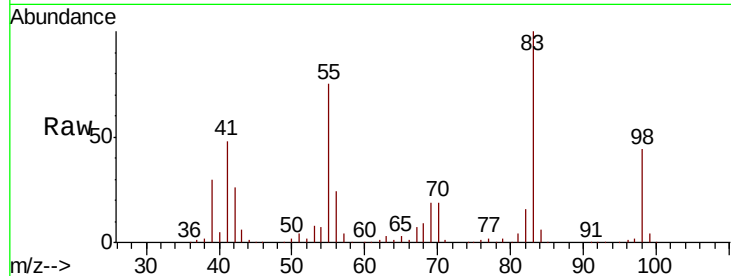




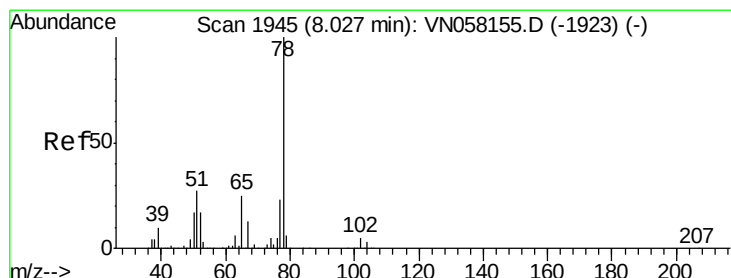
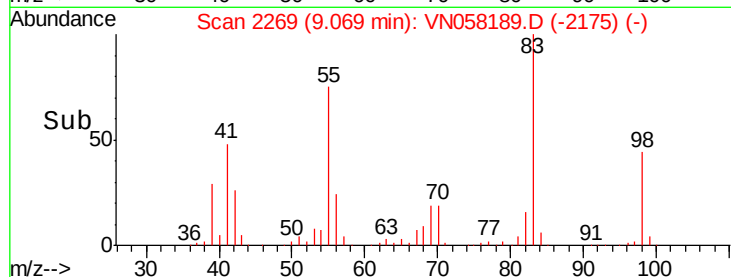
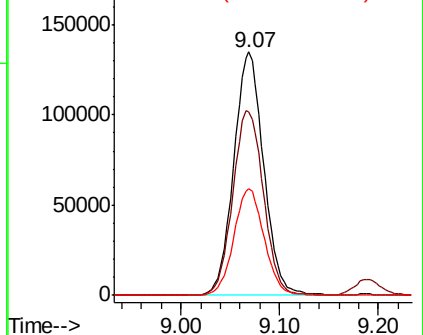
#39
Methylvlcyclohexane
Concen: 48.315 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 284265
Ion Ratio Lower Upper
83 100
55 75.4 61.9 92.9
98 44.0 35.4 53.2

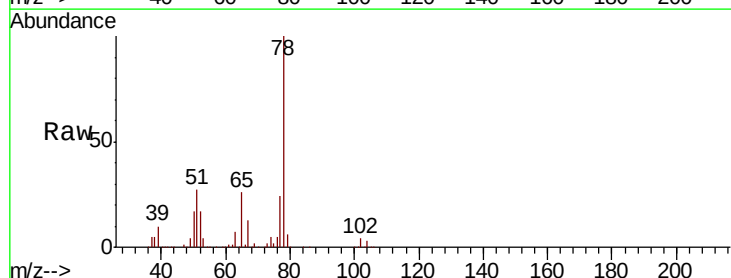


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

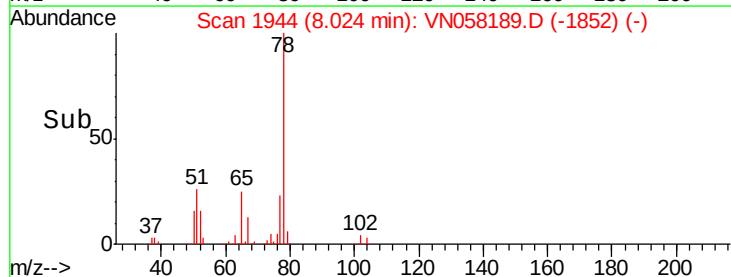
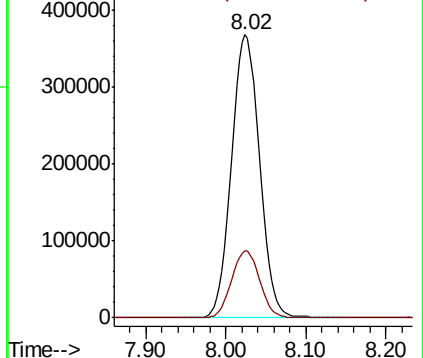


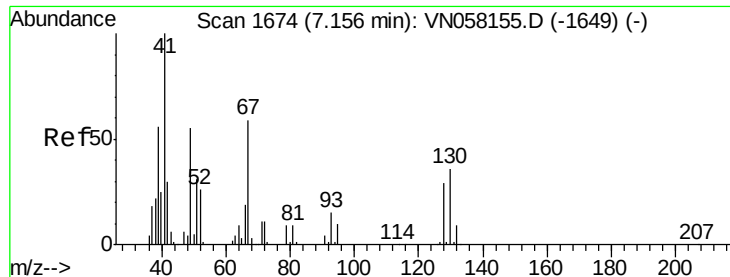
#40
Benzene
Concen: 47.072 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Tgt Ion: 78 Resp: 874941
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



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

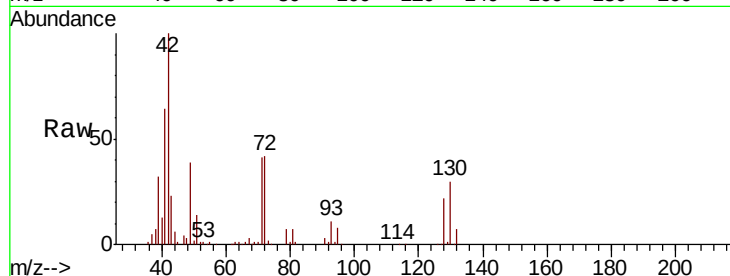




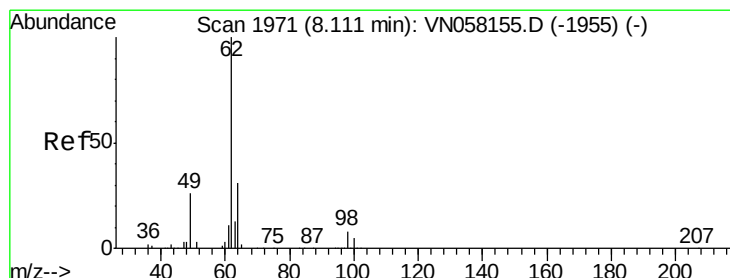
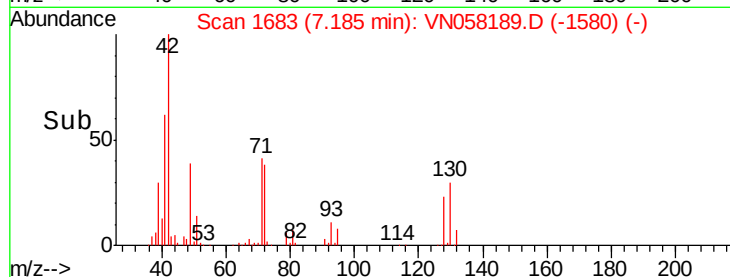
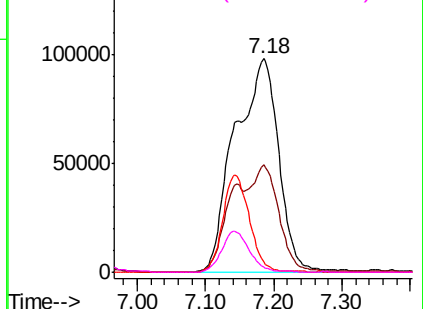
#41
Methacrylonitrile
Concen: 135.759 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	436986
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

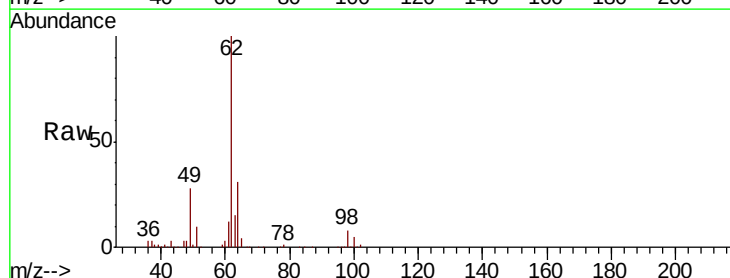


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

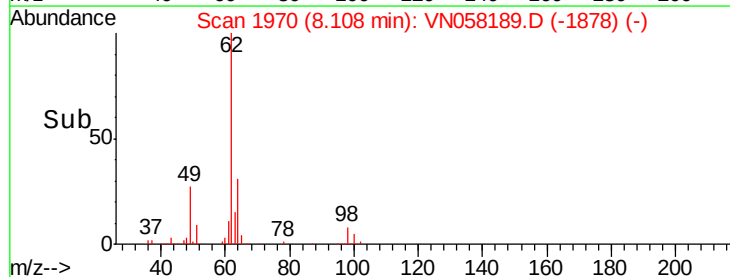
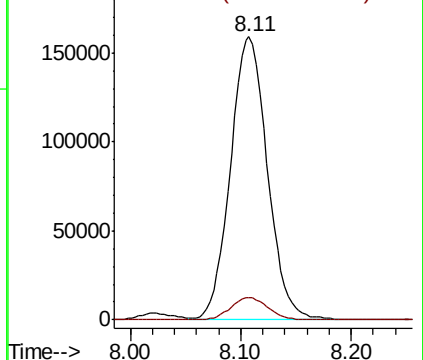


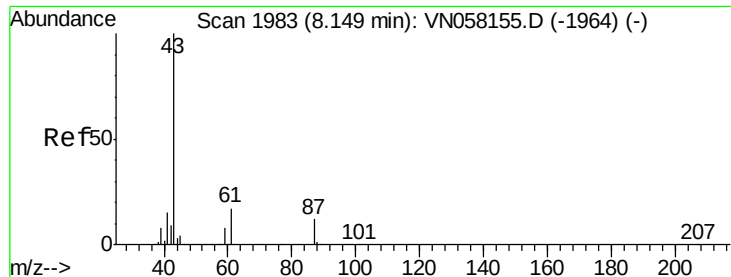
#42
1,2-Dichloroethane
Concen: 47.033 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Tgt Ion:	62	Resp:	366826
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 45.492 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

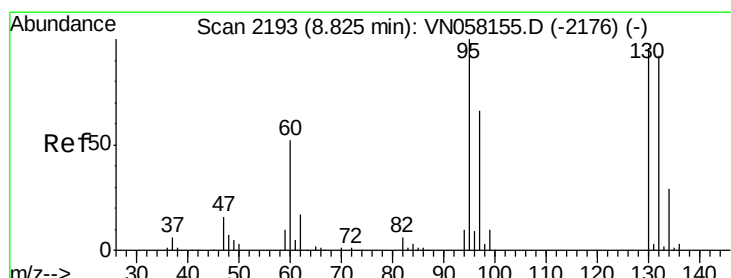
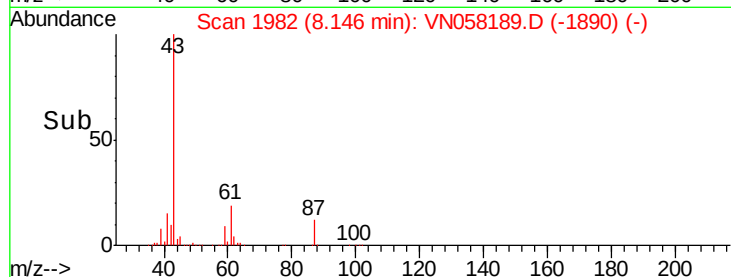
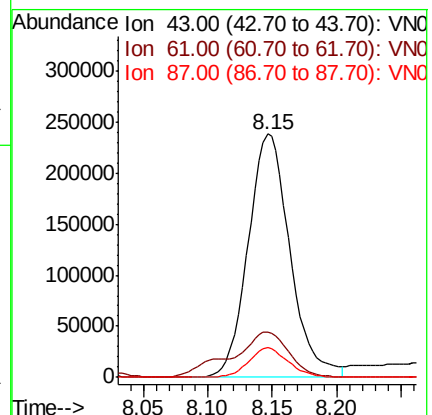
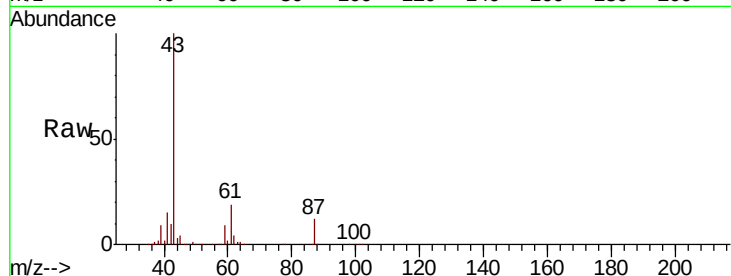
Tot Ion: 43 Resp: 536563

Ion Ratio Lower Upper

43 100

61 25.3 19.7 29.5

87 11.6 9.4 14.2



#44

Trichloroethene

Concen: 47.567 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN058189.D

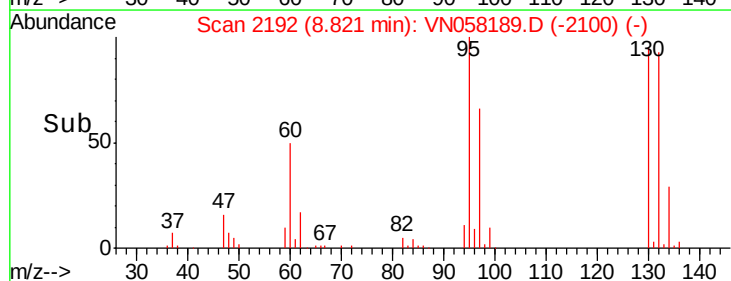
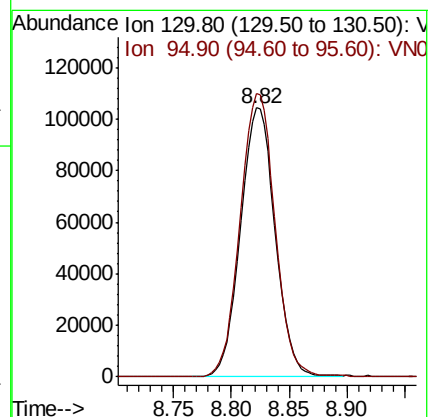
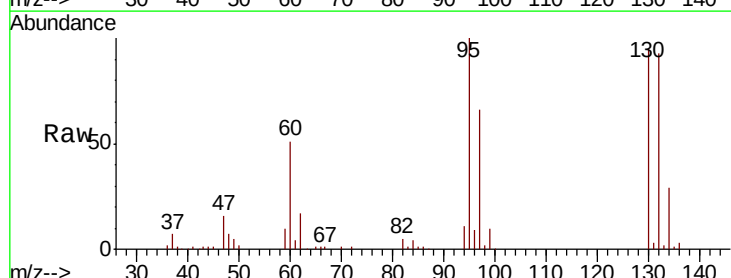
Acq: 19 Sep 2019 8:55

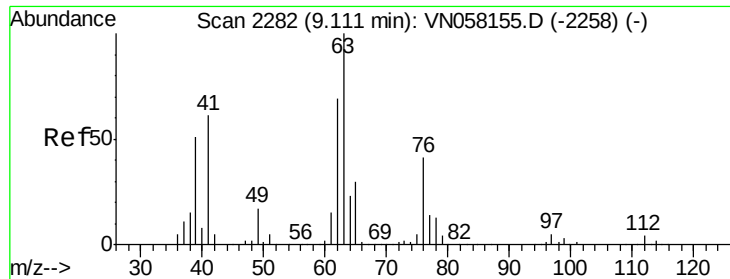
Tgt Ion: 130 Resp: 216361

Ion Ratio Lower Upper

130 100

95 105.1 0.0 207.8

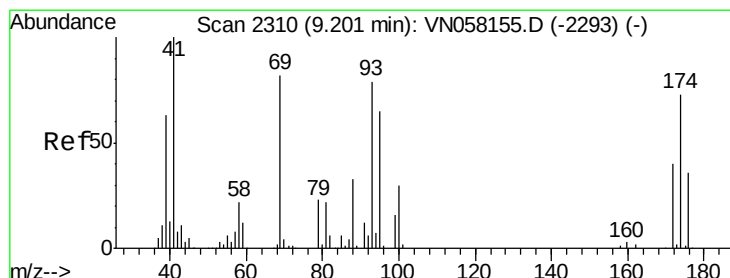
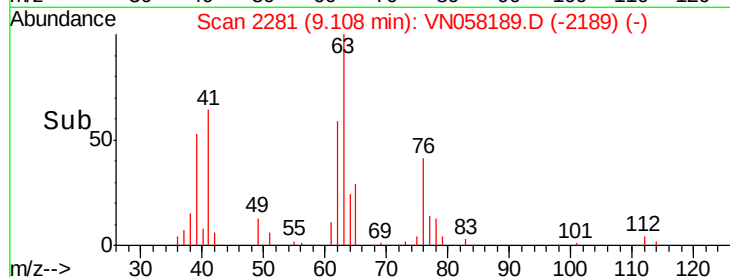
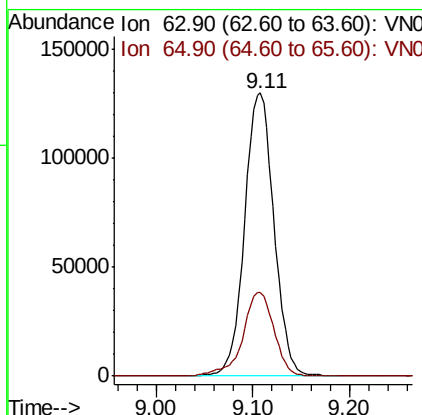
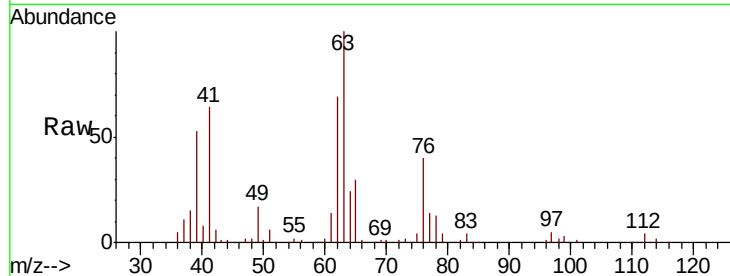




#45
 1,2-Dichloropropane
 Concen: 49.296 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

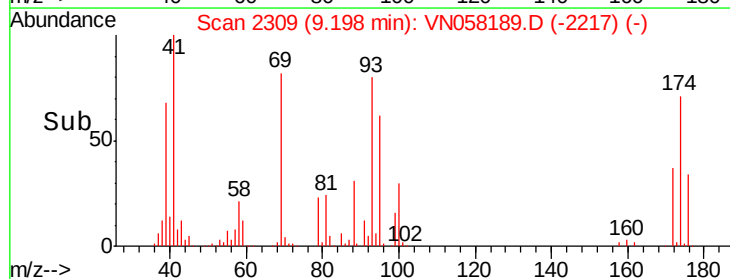
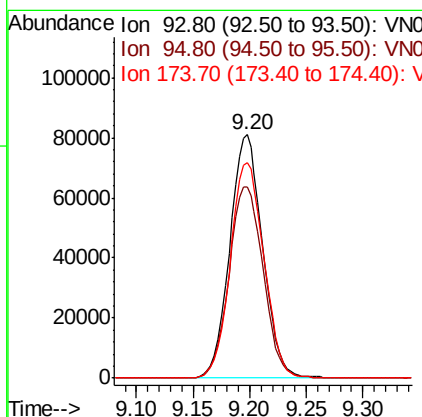
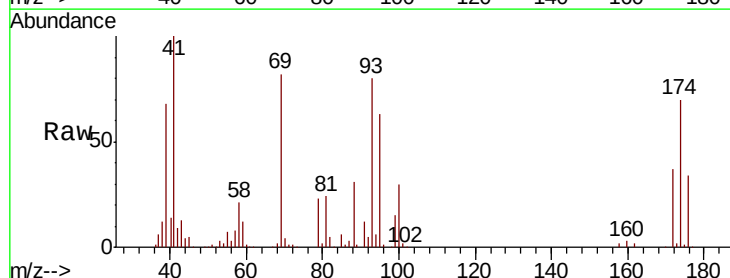
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

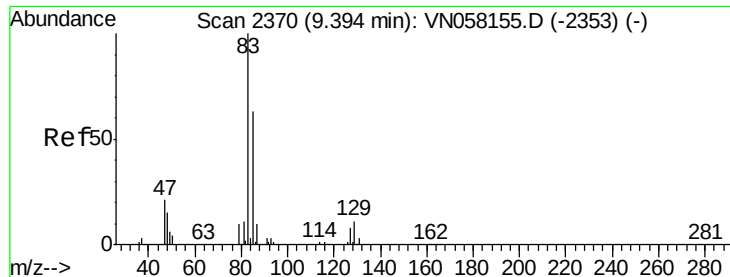
Tot Ion: 63 Resp: 273637
 Ion Ratio Lower Upper
 63 100
 65 29.8 23.8 35.6



#46
 Dibromomethane
 Concen: 48.476 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Tgt Ion: 93 Resp: 163598
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.8 100.2
 174 90.9 73.8 110.8





#47

Bromodichloromethane

Concen: 50.622 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

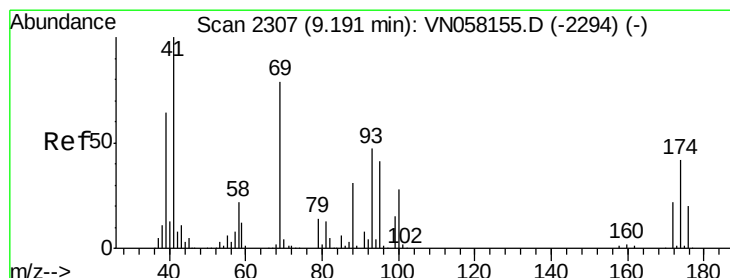
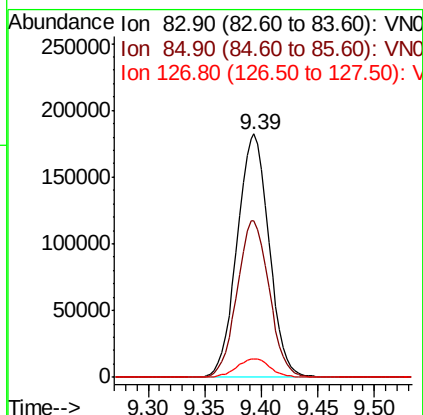
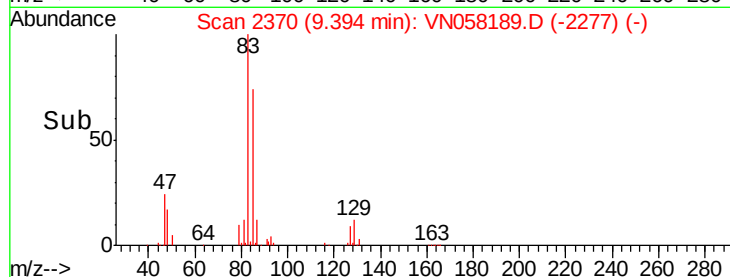
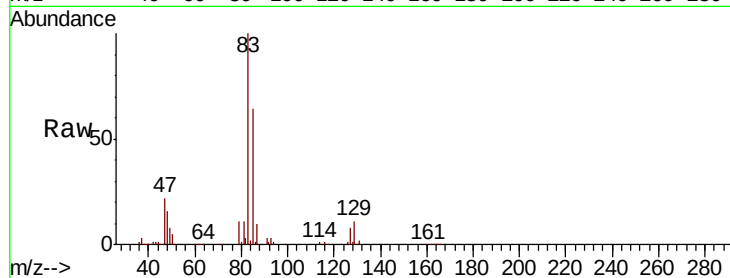
Tot Ion: 83 Resp: 357906

Ion Ratio Lower Upper

83 100

85 64.4 50.1 75.1

127 7.7 6.4 9.6



#48

Methyl methacrylate

Concen: 48.222 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

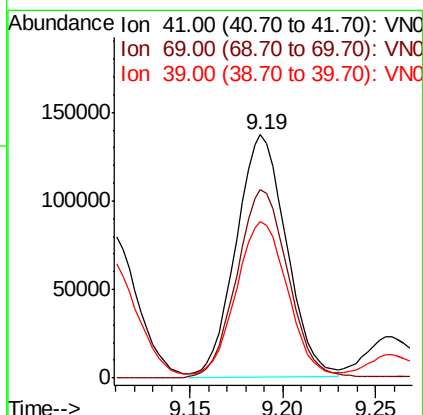
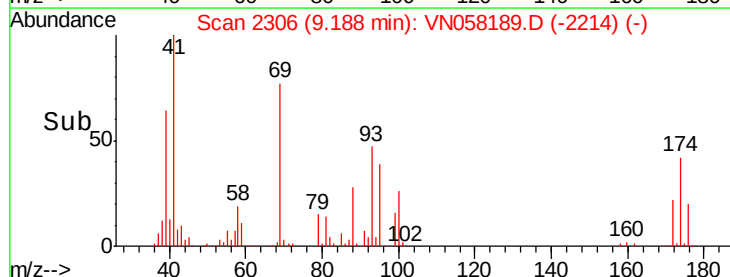
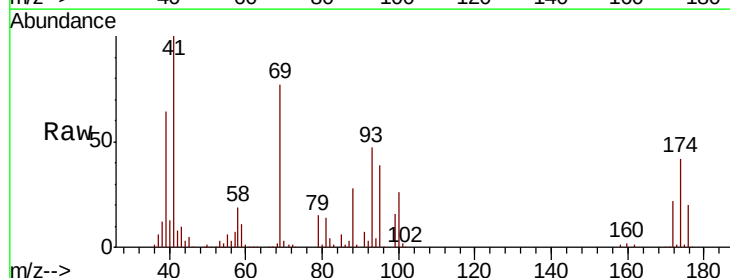
Tgt Ion: 41 Resp: 258243

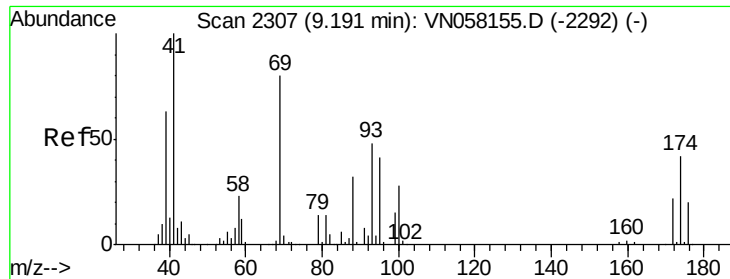
Ion Ratio Lower Upper

41 100

69 79.4 62.5 93.7

39 65.6 52.3 78.5

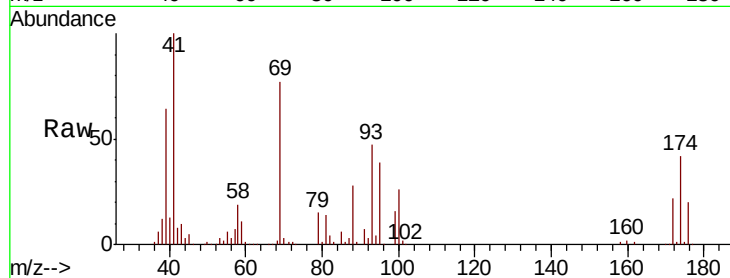




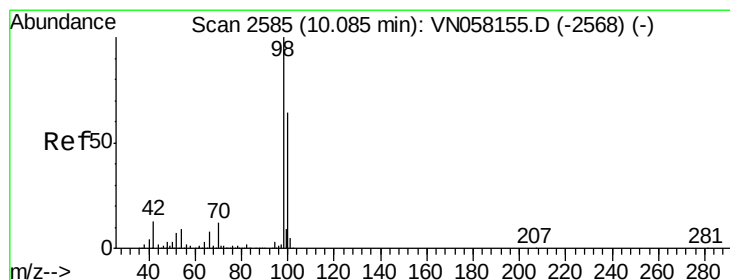
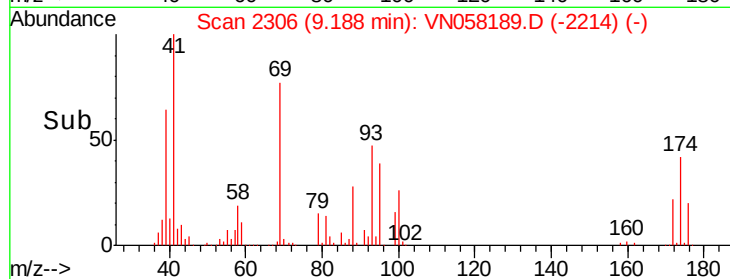
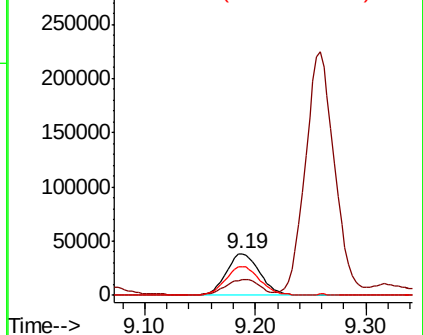
#49
 1,4-Dioxane
 Concen: 919.626 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 80857
 Ion Ratio Lower Upper
 88 100
 43 35.9 27.8 41.8
 58 70.6 55.0 82.4

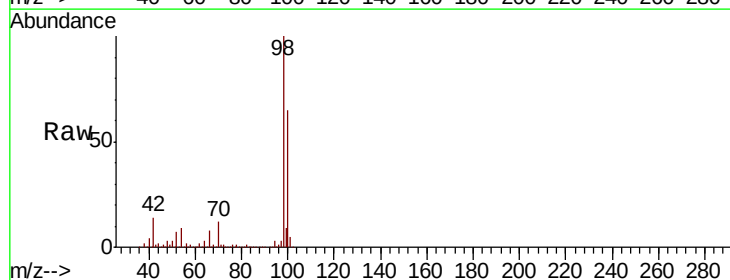


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

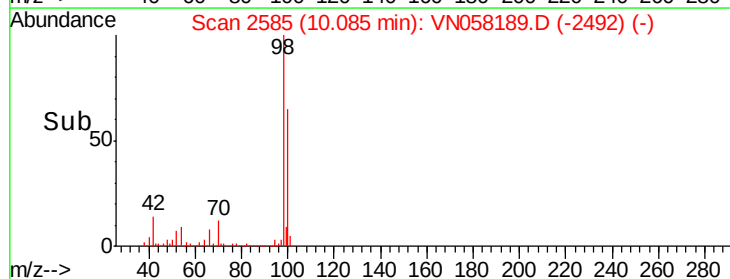
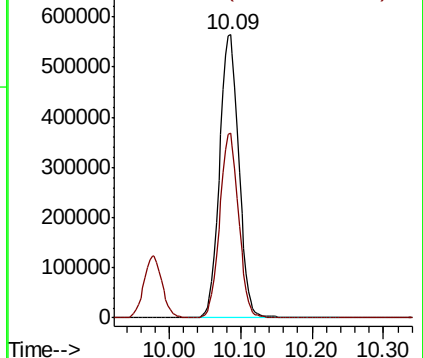


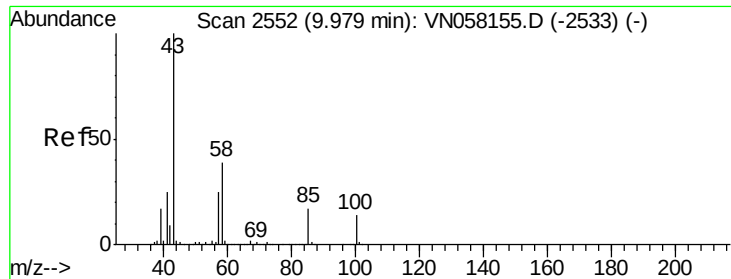
#50
 Toluene-d8
 Concen: 52.824 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Tgt Ion: 98 Resp: 1055808
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

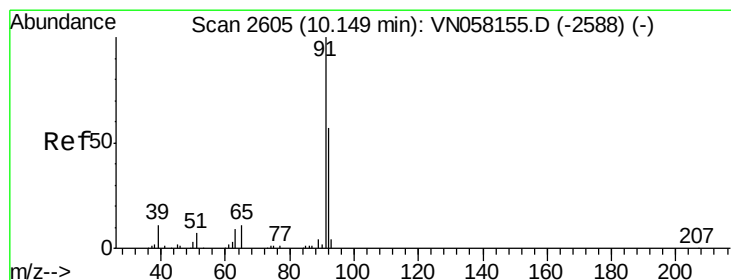
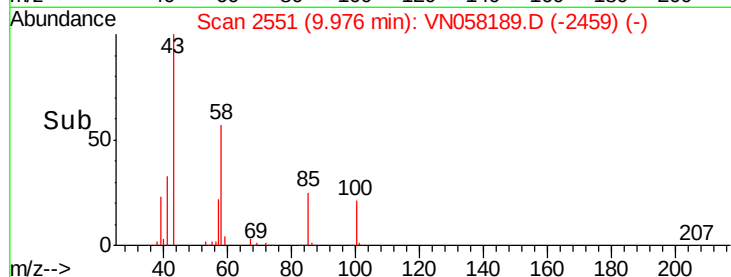
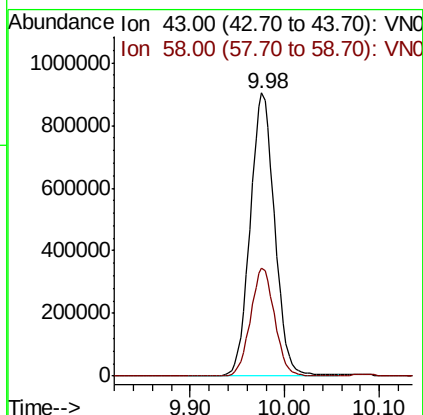
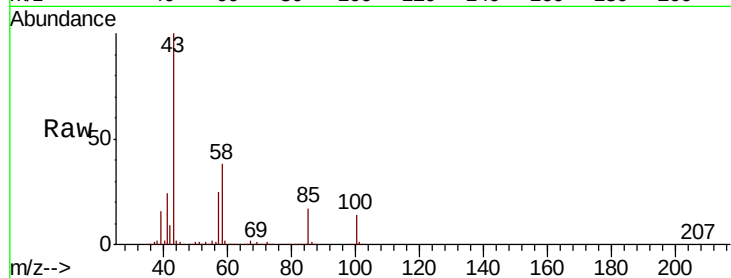




#51
4-Methyl-2-Pentanone
Concen: 258.284 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

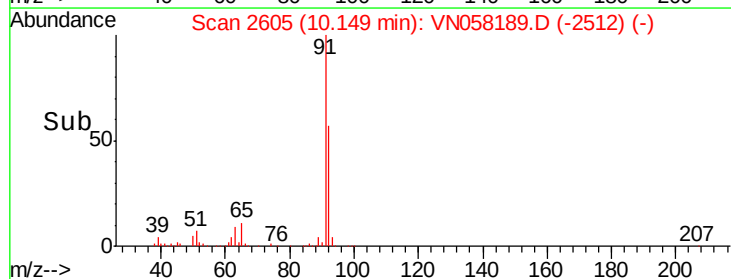
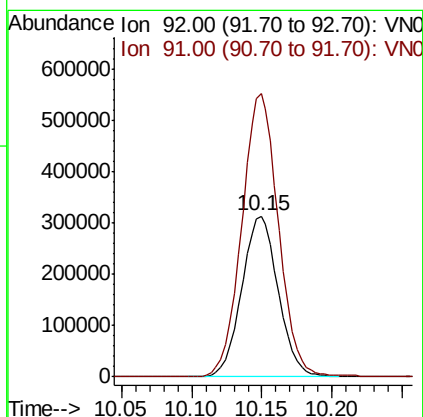
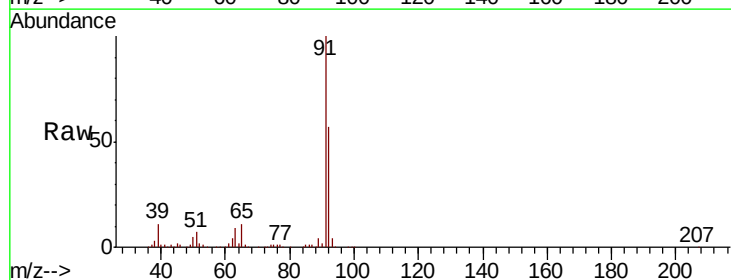
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

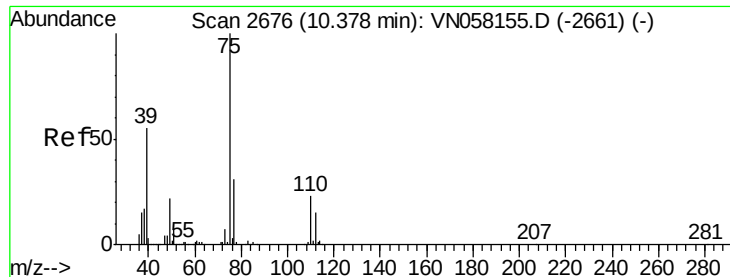
Tot Ion: 43 Resp: 1618102
Ion Ratio Lower Upper
43 100
58 37.7 30.2 45.4



#52
Toluene
Concen: 48.786 ug/l
RT: 10.15 min Scan# 2605
Delta R.T. 0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Tgt Ion: 92 Resp: 568295
Ion Ratio Lower Upper
92 100
91 177.1 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 51.848 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

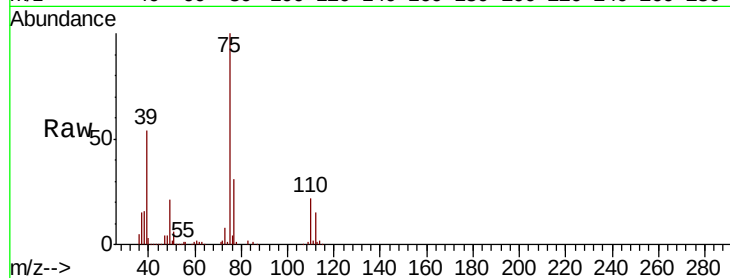
VSTDCCC050

Tot Ion: 75 Resp: 375497

Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

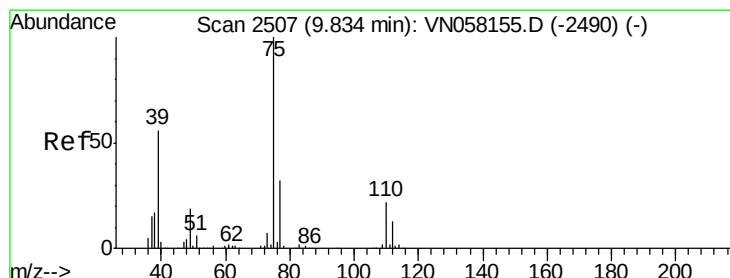
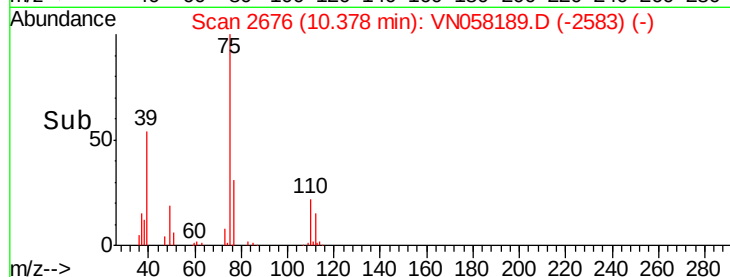
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.382 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

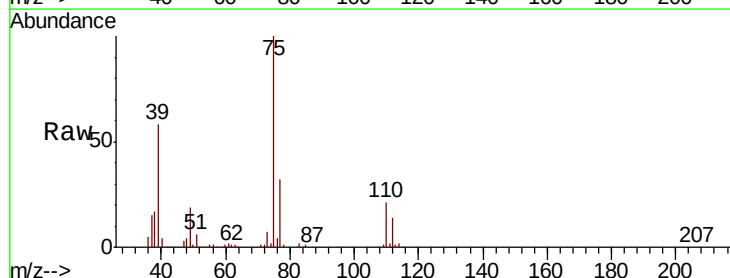
Tgt Ion: 75 Resp: 410850

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 57.9 45.0 67.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

300000

250000

200000

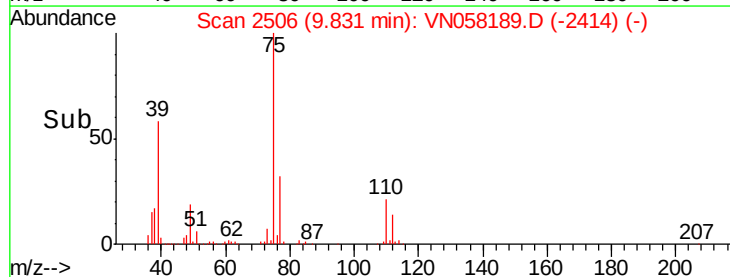
150000

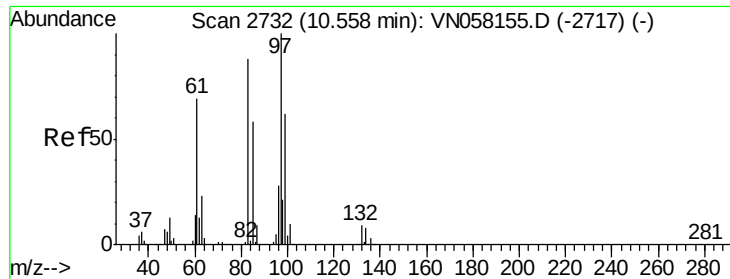
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.888 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 257894

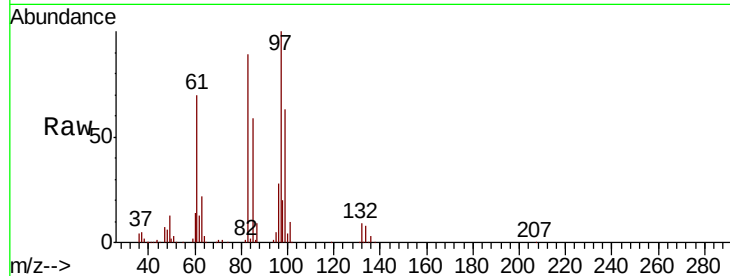
Ion Ratio Lower Upper

97 100

83 89.1 70.4 105.6

85 58.9 46.8 70.2

99 63.2 49.9 74.9

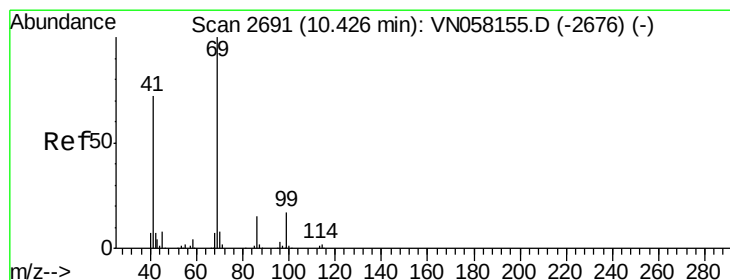
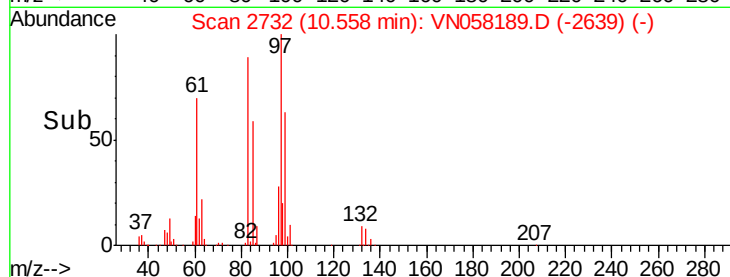
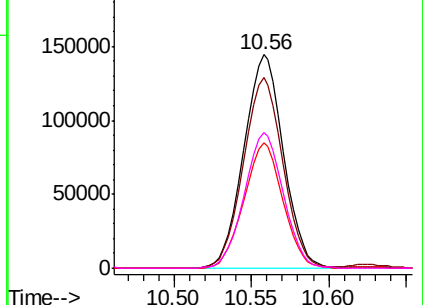


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 50.976 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

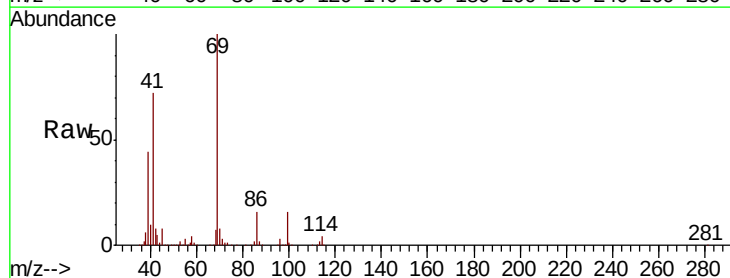
Tgt Ion: 69 Resp: 380213

Ion Ratio Lower Upper

69 100

41 71.4 57.5 86.3

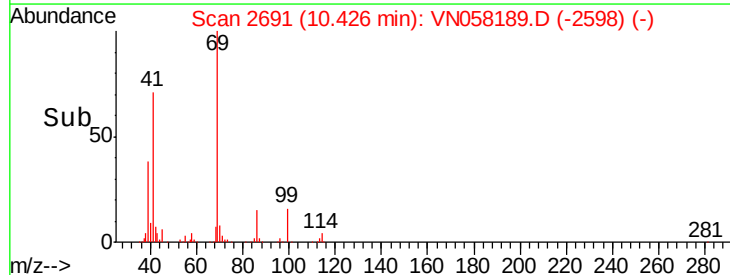
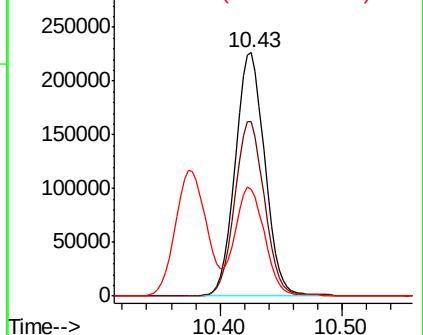
39 45.0 36.1 54.1

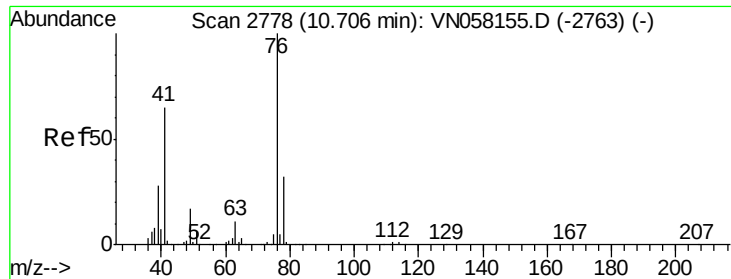


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 48.674 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampled :

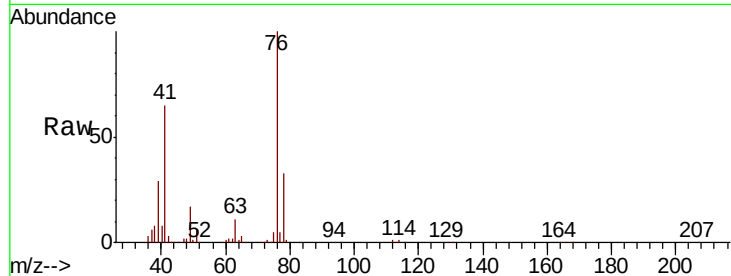
VSTDCCC050

Tot Ion: 76 Resp: 432564

Ion Ratio Lower Upper

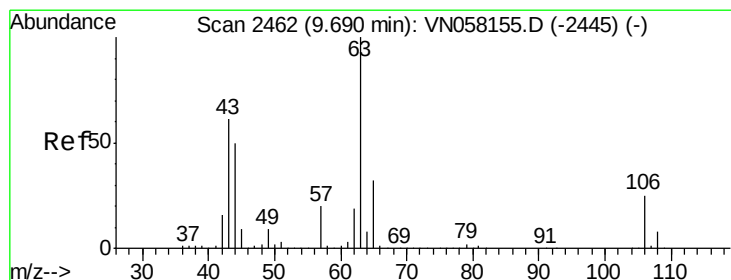
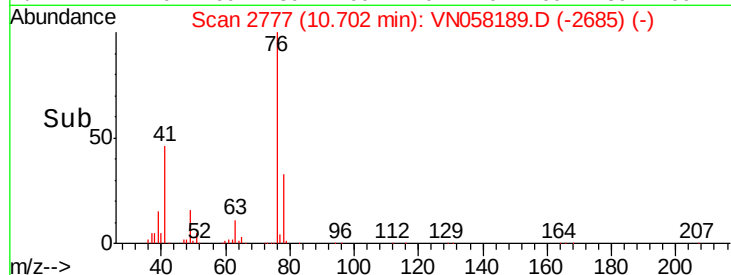
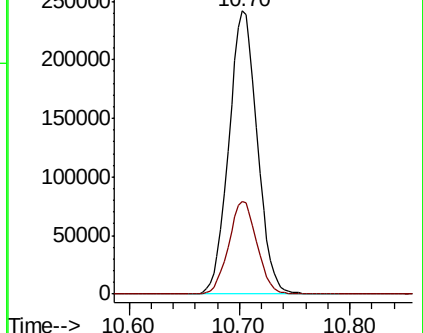
76 100

78 32.7 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 262.745 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. -0.00 min

Lab File: VN058189.D

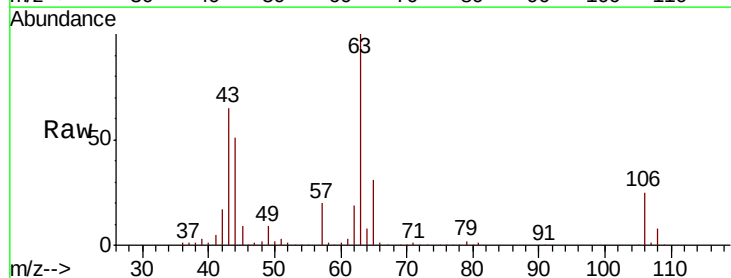
Acq: 19 Sep 2019 8:55

Tgt Ion: 63 Resp: 933465

Ion Ratio Lower Upper

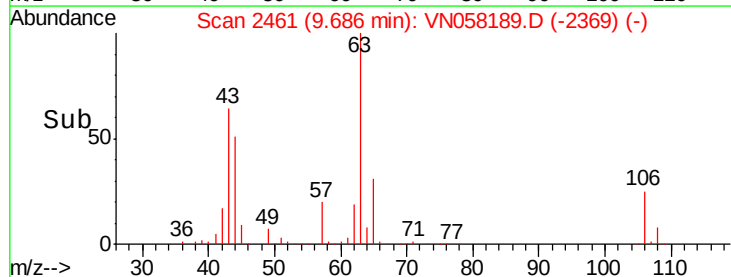
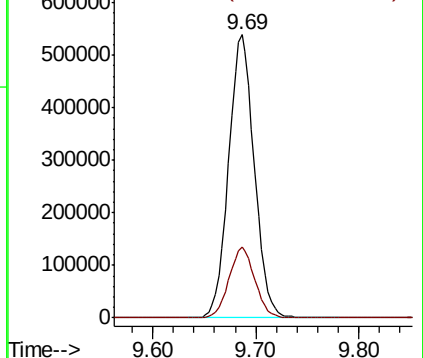
63 100

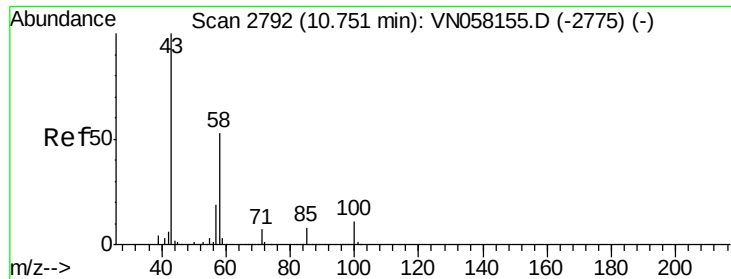
106 25.1 19.9 29.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

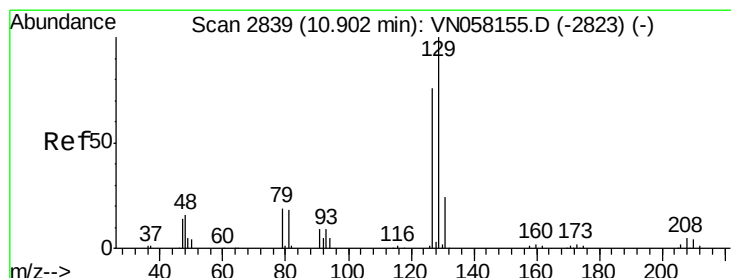
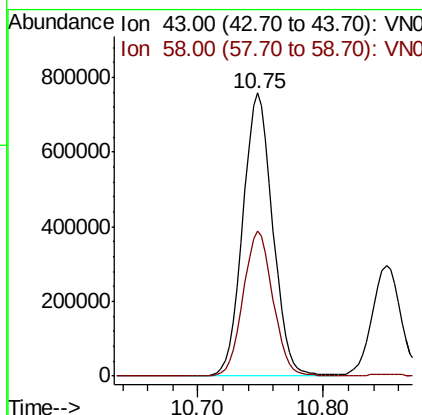
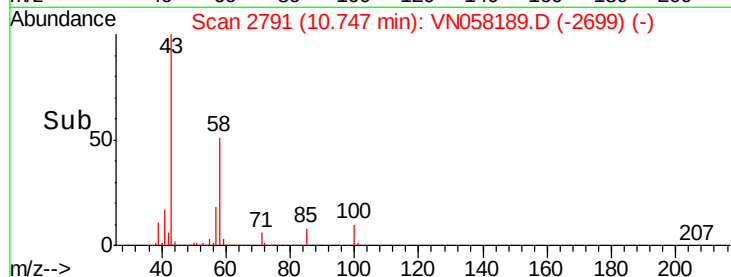
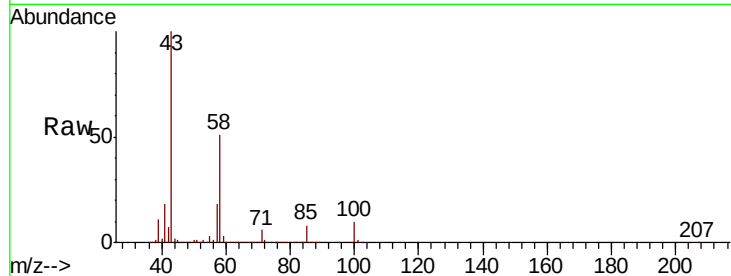




#59
2-Hexanone
Concen: 269.489 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. -0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

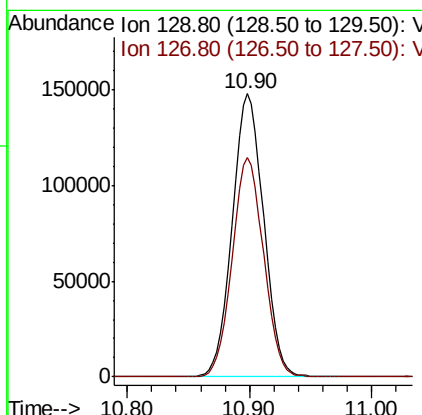
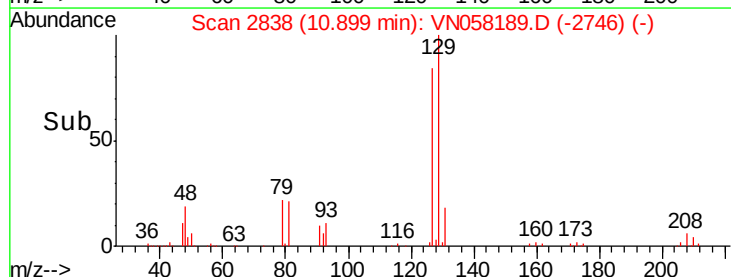
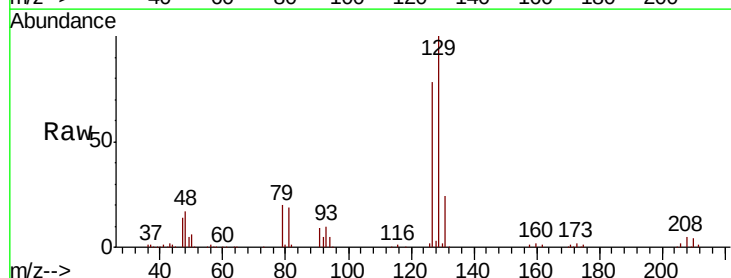
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

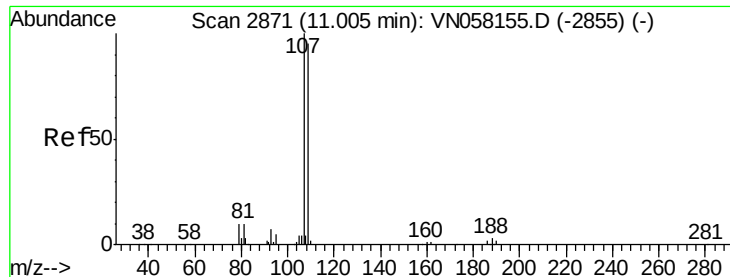
Tot Ion: 43 Resp: 1253886
Ion Ratio Lower Upper
43 100
58 51.4 26.0 78.0



#60
Dibromochloromethane
Concen: 52.966 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Tgt Ion: 129 Resp: 263416
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

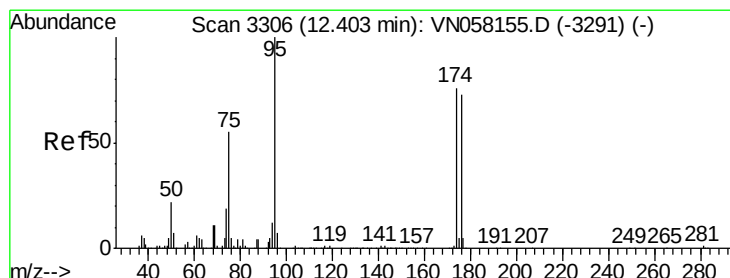
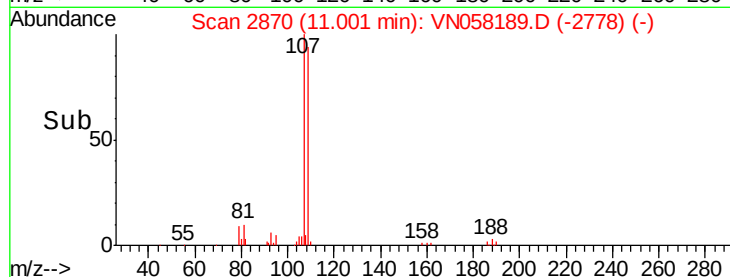
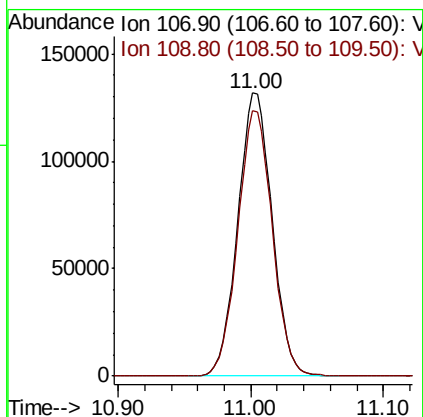
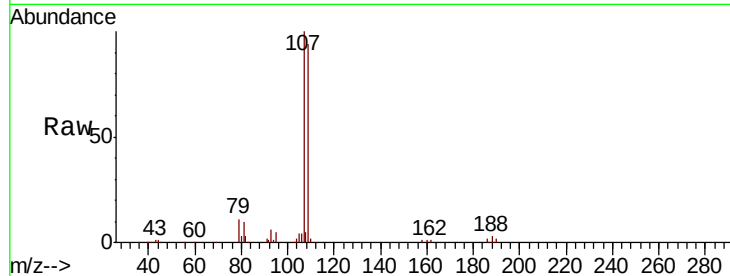




#61
 1,2-Dibromoethane
 Concen: 49.435 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

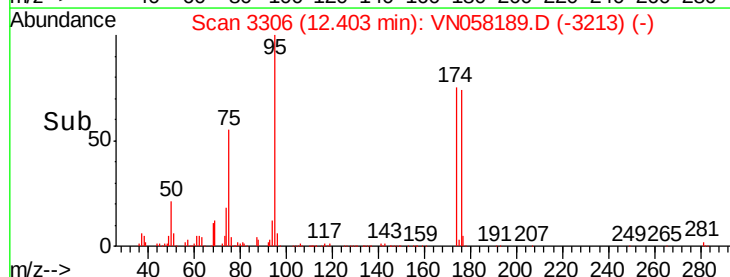
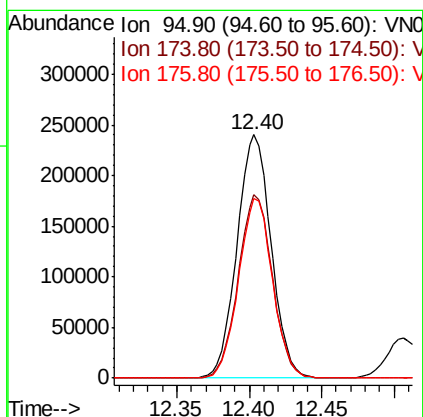
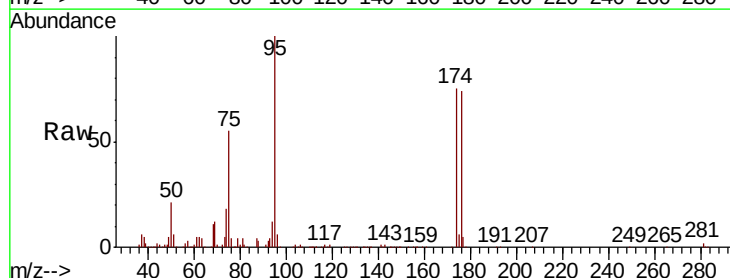
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

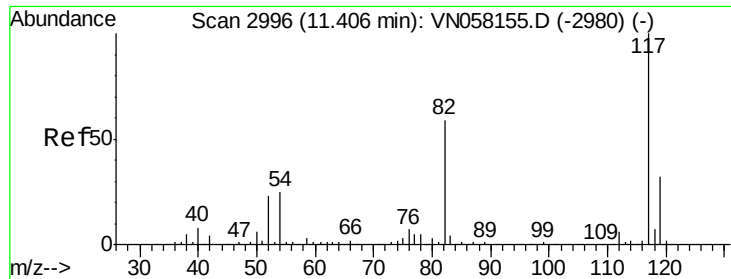
Tot Ion: 107 Resp: 236829
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 52.966 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Tgt Ion: 95 Resp: 393250
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 152.2
 176 73.5 0.0 148.0

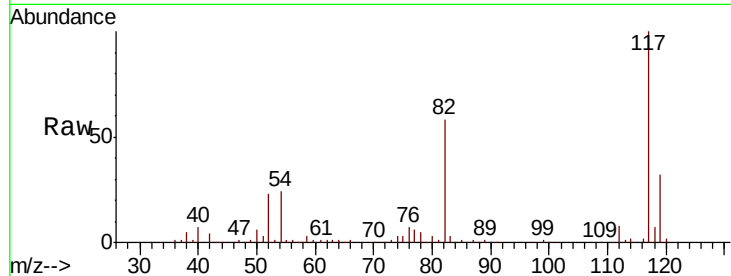




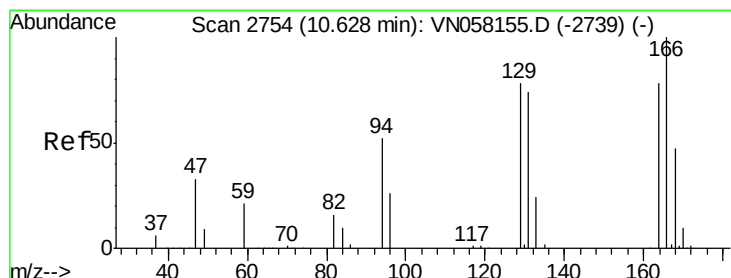
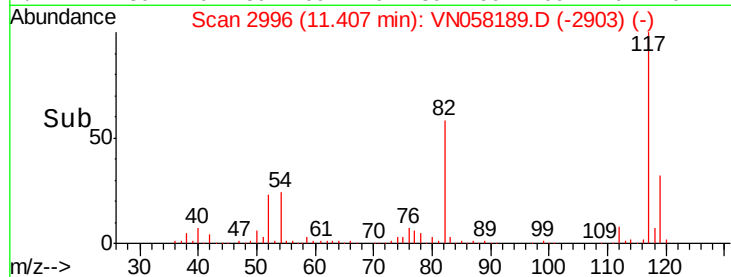
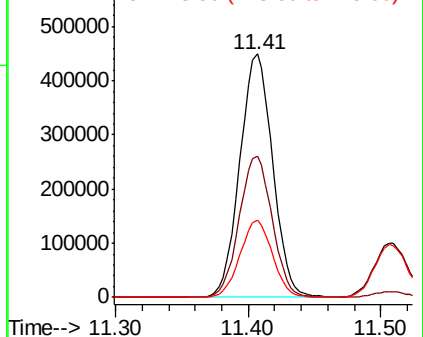
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 774647
Ion Ratio Lower Upper
117 100
82 57.8 46.9 70.3
119 31.5 25.3 37.9



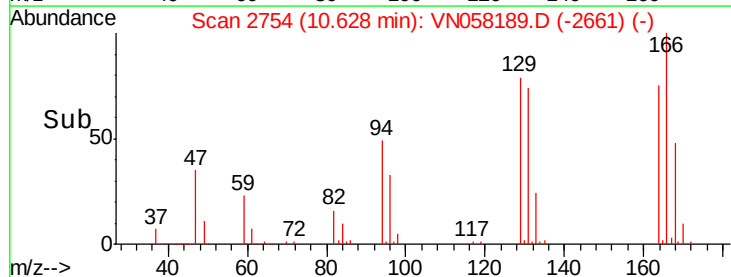
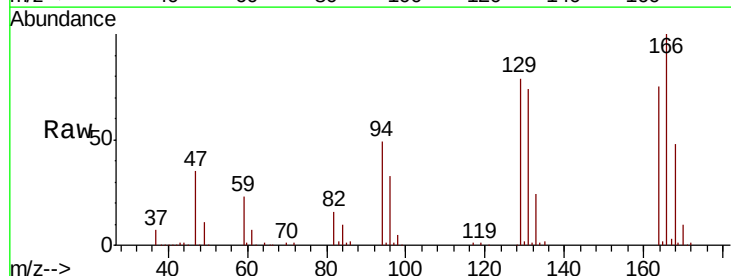
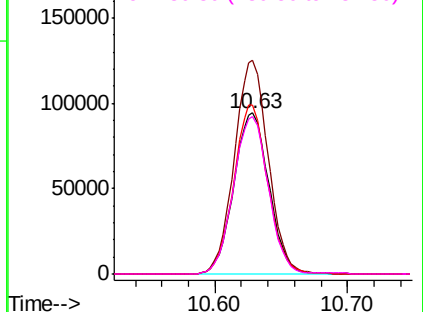
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

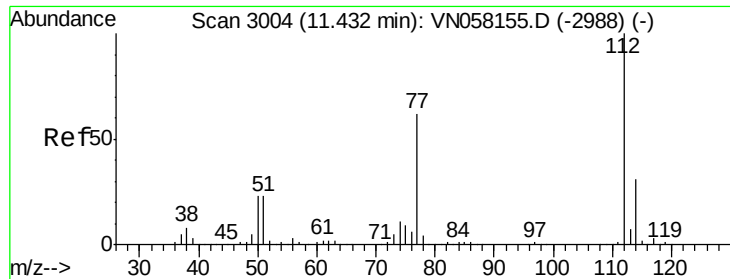


#64
Tetrachloroethene
Concen: 46.059 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Tgt Ion:164 Resp: 173930
Ion Ratio Lower Upper
164 100
166 132.9 102.2 153.4
129 104.9 79.6 119.4
131 97.7 76.0 114.0

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

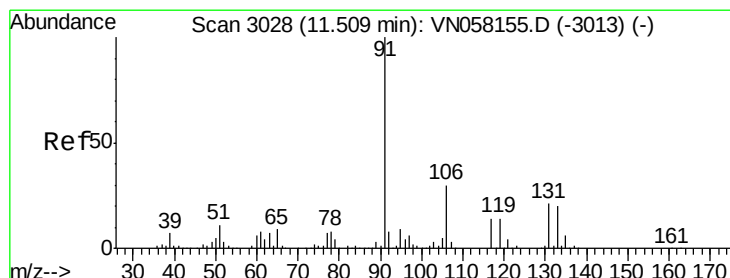
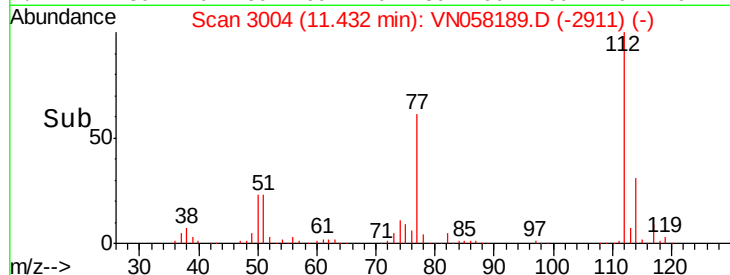
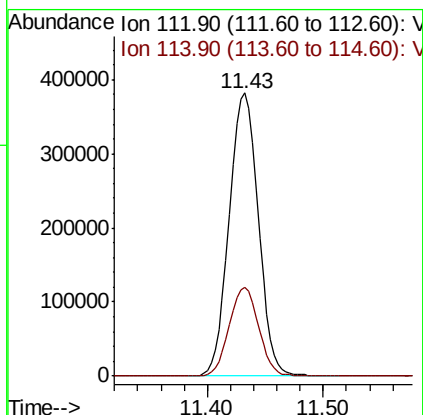
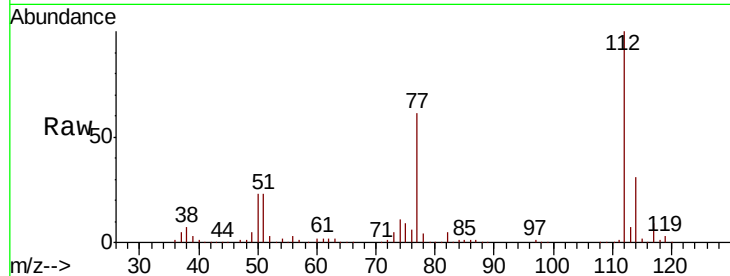




#65
Chlorobenzene
Concen: 48.719 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

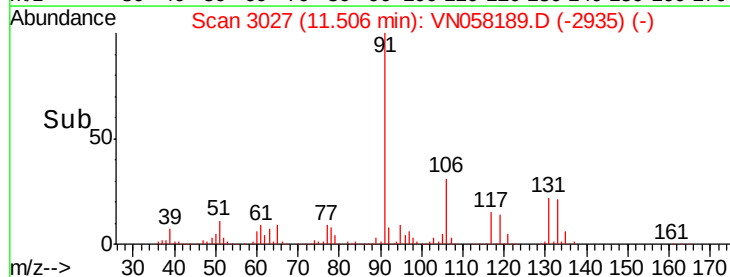
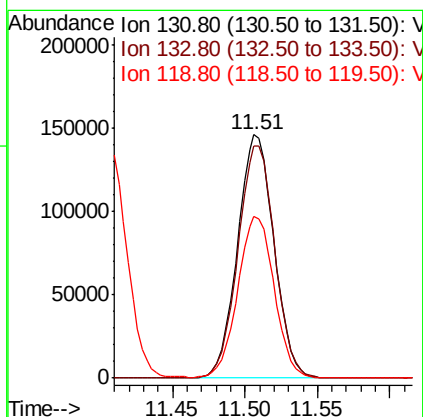
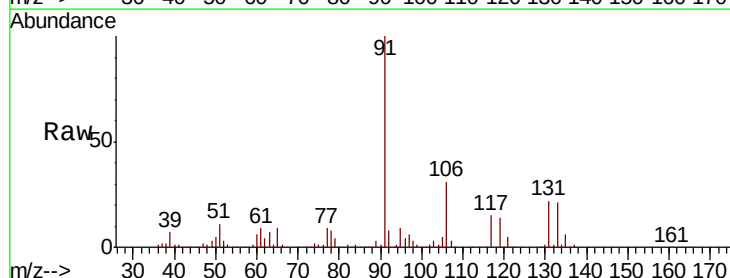
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

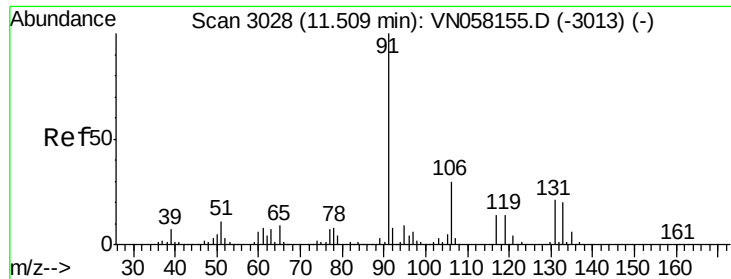
Tot Ion:112 Resp: 663815
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.589 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Tgt Ion:131 Resp: 254881
Ion Ratio Lower Upper
131 100
133 97.0 47.8 143.3
119 66.6 33.1 99.3

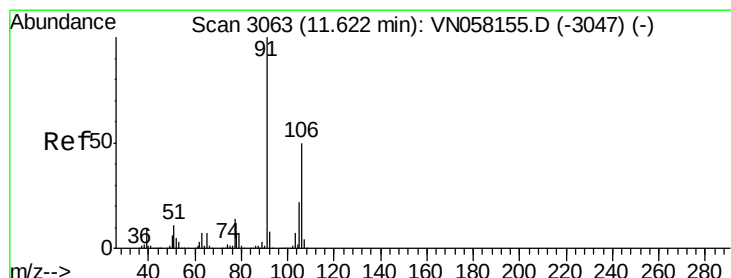
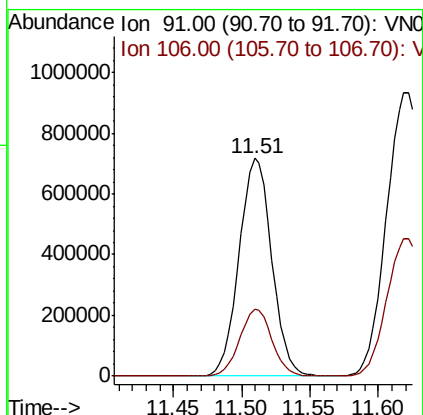
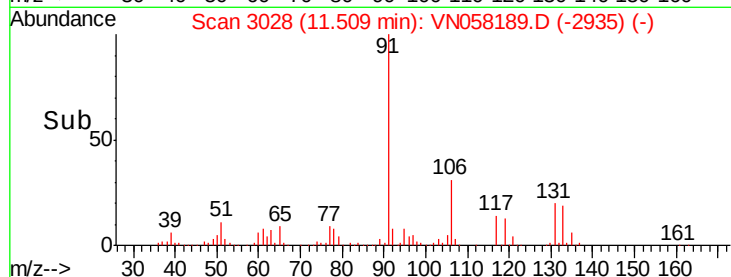
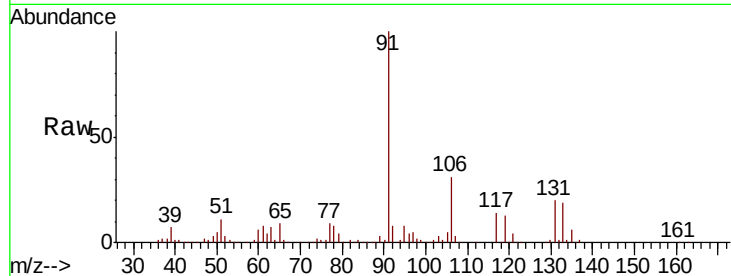




#67
Ethyl Benzene
Concen: 51.165 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

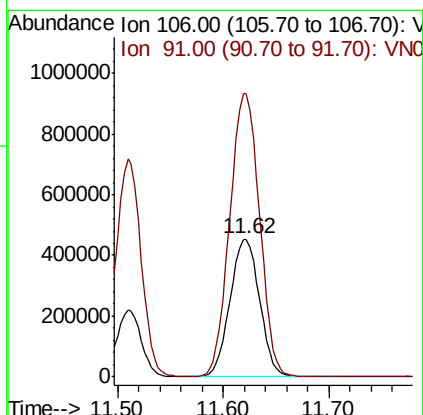
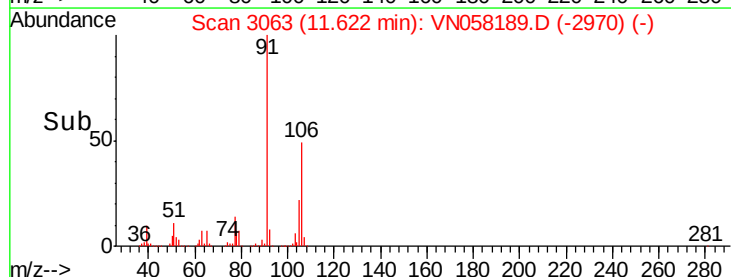
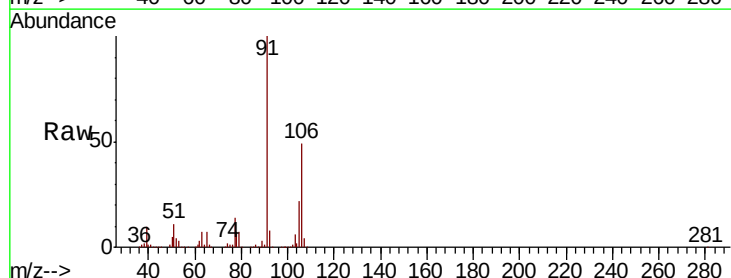
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

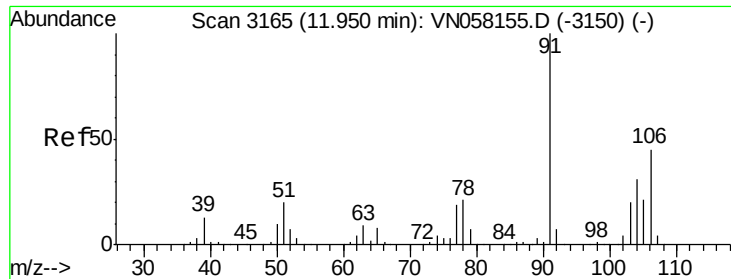
Tot Ion: 91 Resp: 1194560
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0



#68
m/p-Xylenes
Concen: 99.993 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Tgt Ion: 106 Resp: 879263
Ion Ratio Lower Upper
106 100
91 207.8 163.6 245.4

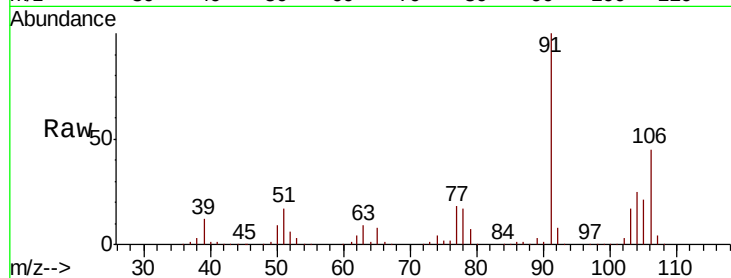




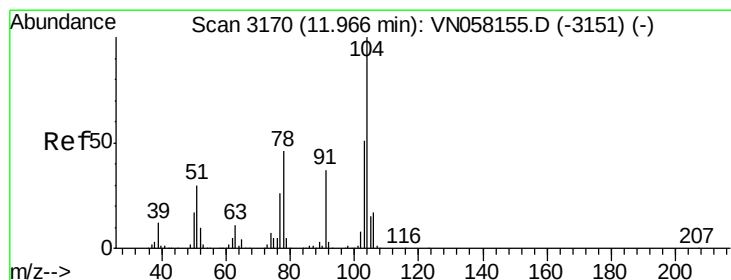
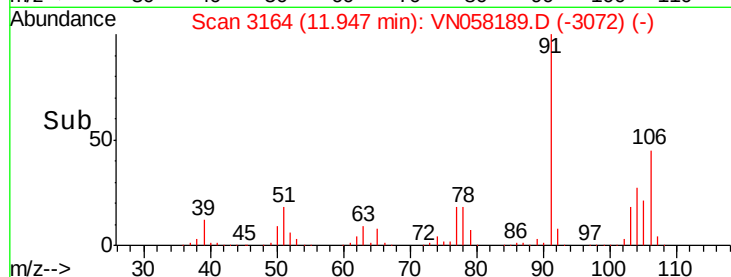
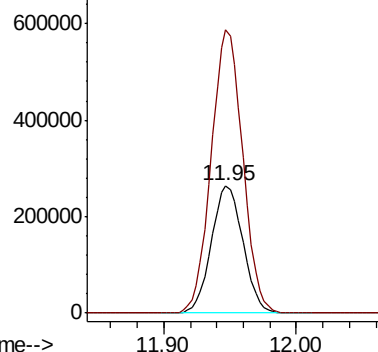
#69
o-Xylene
Concen: 50.583 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 437357
Ion Ratio Lower Upper
106 100
91 221.9 111.8 335.3

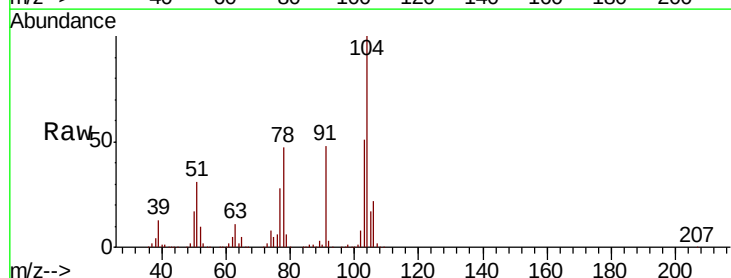


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

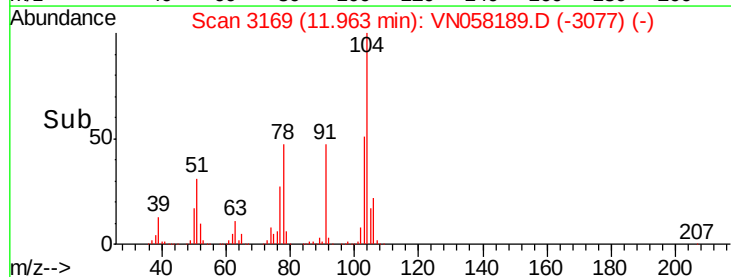
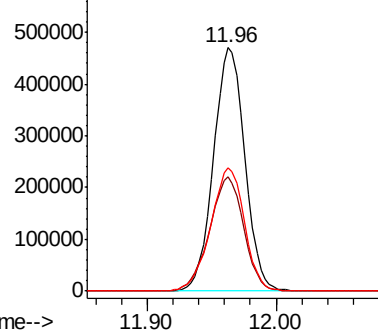


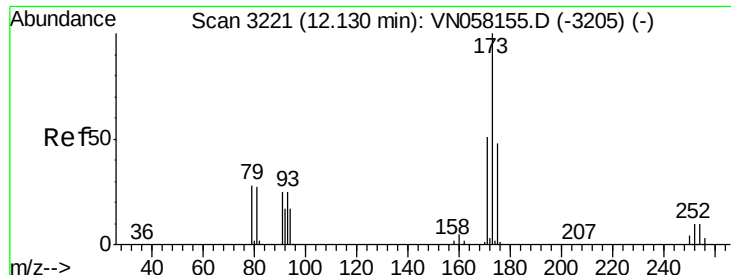
#70
Styrene
Concen: 53.319 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN058189.D
Acq: 19 Sep 2019 8:55

Tgt Ion:104 Resp: 794319
Ion Ratio Lower Upper
104 100
78 51.3 41.8 62.8
103 54.7 44.2 66.2



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





#71

Bromoform

Concen: 45.662 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

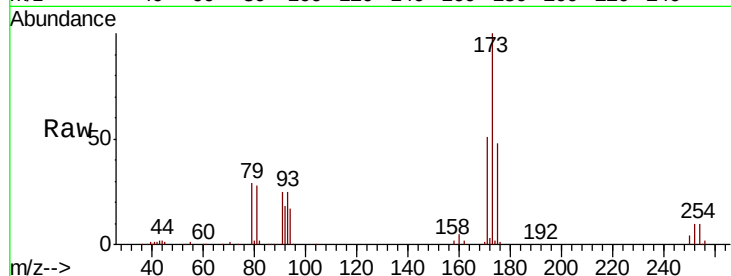
Tot Ion:173 Resp: 166027

Ion Ratio Lower Upper

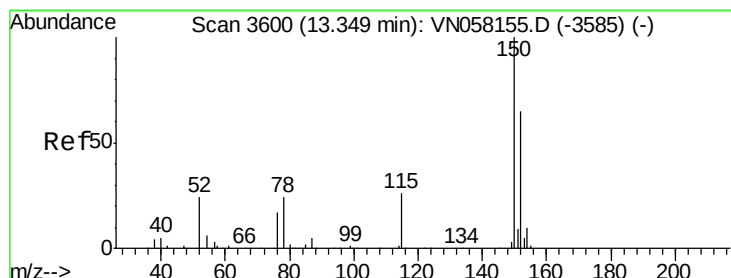
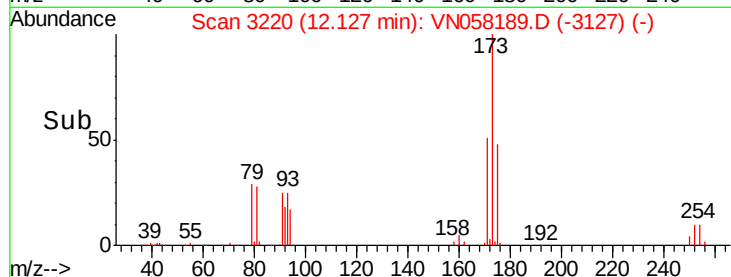
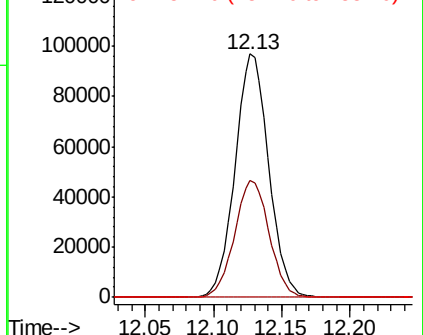
173 100

175 49.1 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

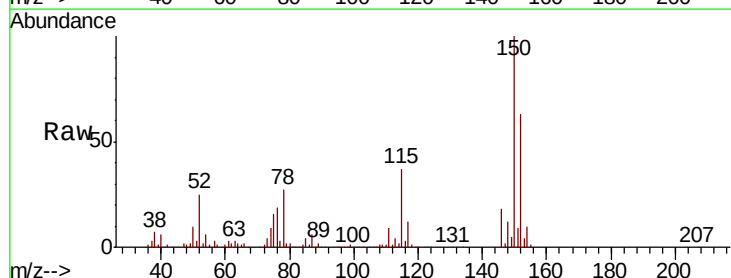
Tgt Ion:152 Resp: 387007

Ion Ratio Lower Upper

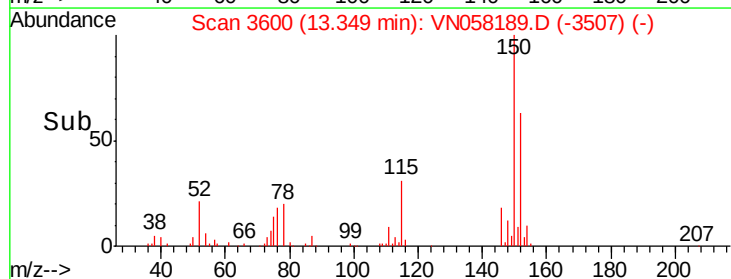
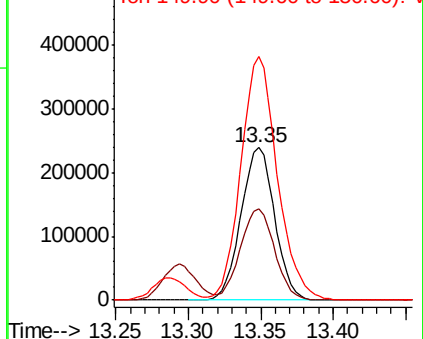
152 100

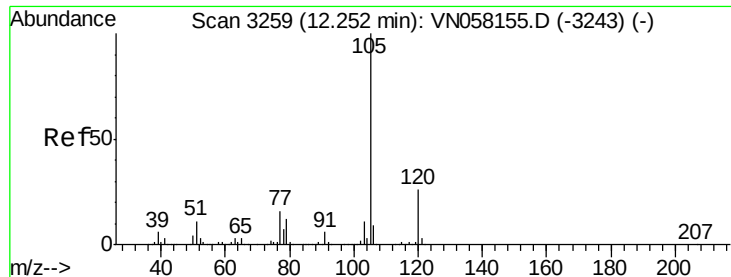
115 60.6 30.1 90.3

150 172.1 0.0 346.4



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: 51.432 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

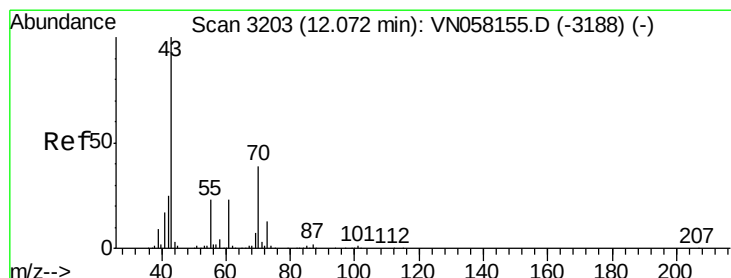
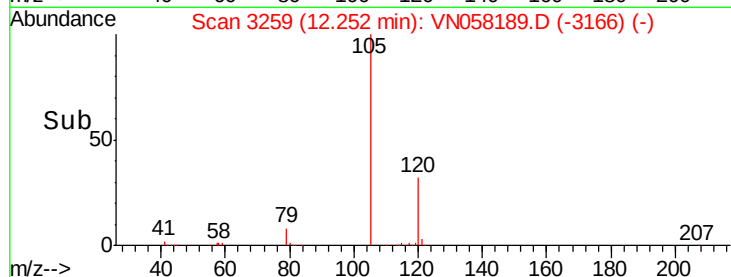
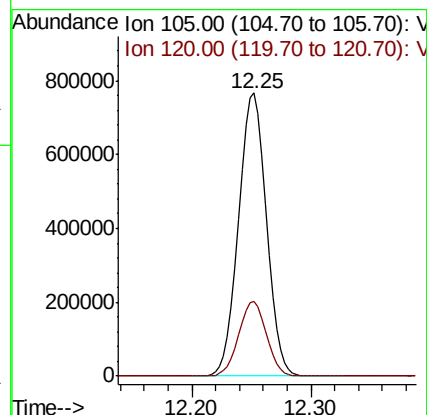
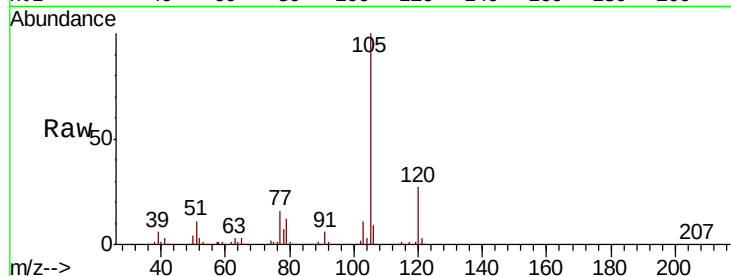
VSTDCCC050

Tot Ion:105 Resp: 1245900

Ion Ratio Lower Upper

105 100

120 26.3 12.8 38.3



#74

N-ethyl acetate

Concen: 51.075 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Tgt Ion: 43 Resp: 517594

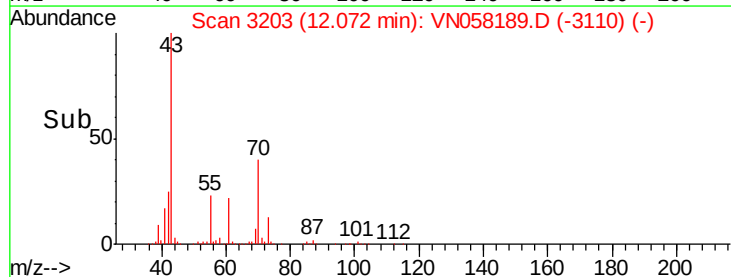
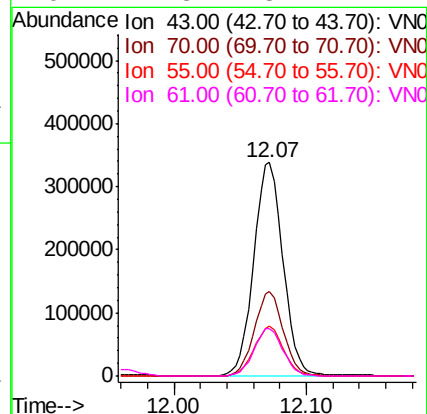
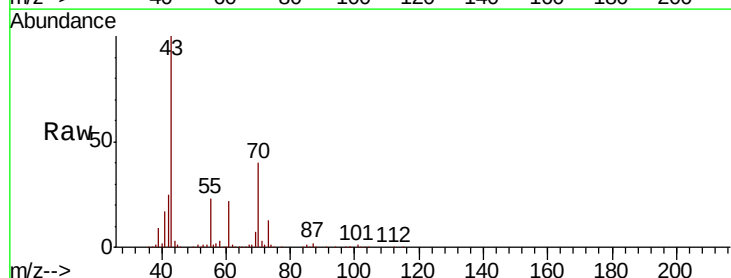
Ion Ratio Lower Upper

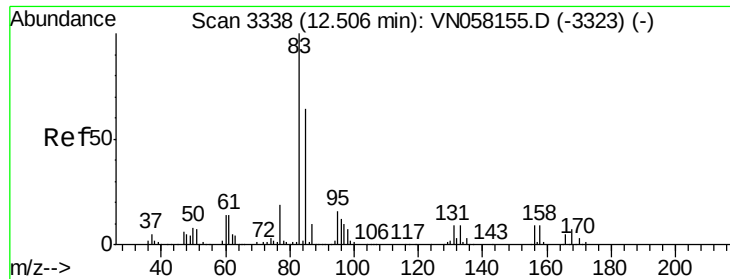
43 100

70 39.2 31.0 46.6

55 23.7 18.5 27.7

61 22.3 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.311 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

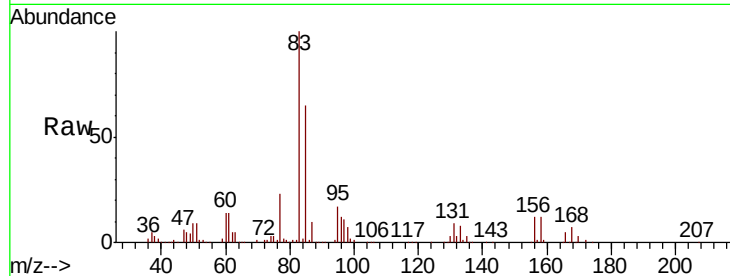
Tot Ion: 83 Resp: 391903

Ion Ratio Lower Upper

83 100

131 9.9 4.8 14.3

85 64.7 31.9 95.5

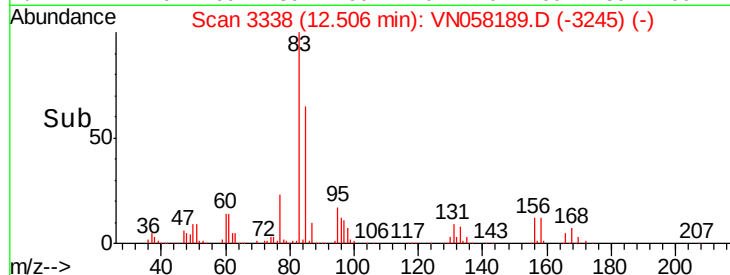


Abundance Ion 82.90 (82.60 to 83.60): VN058189.D (-3245) (-)

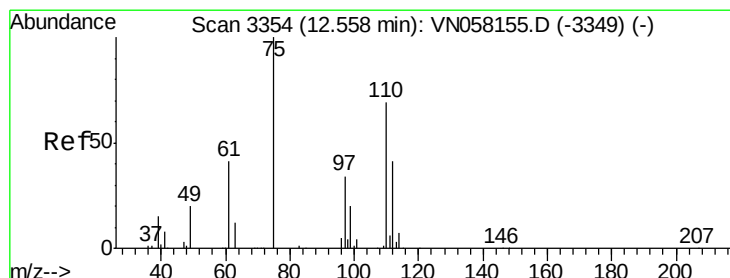
Ion 130.80 (130.50 to 131.50): VN058189.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN058189.D (-3245) (-)

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 69.827 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058189.D

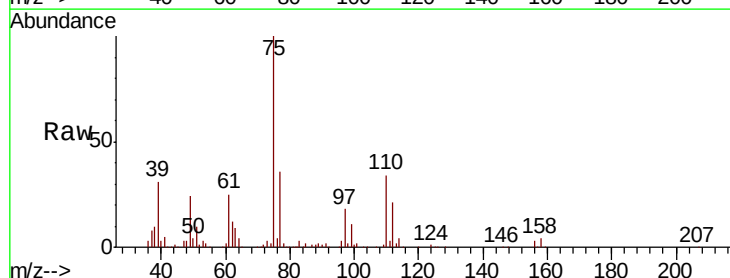
Acq: 19 Sep 2019 8:55

Tgt Ion: 75 Resp: 483635

Ion Ratio Lower Upper

75 100

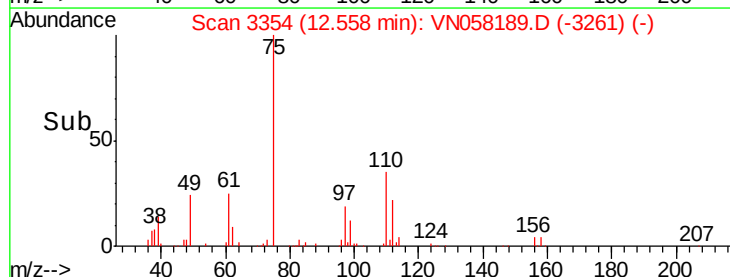
77 0.0 0.0 0.0



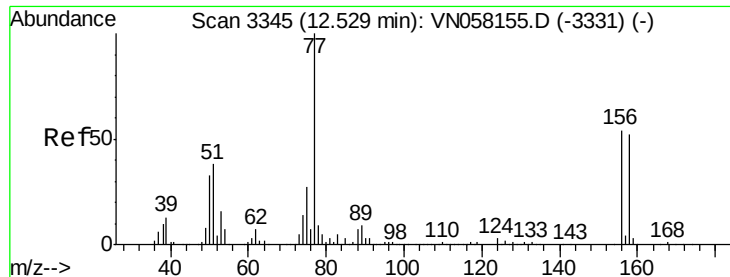
Abundance Ion 74.90 (74.60 to 75.60): VN058189.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN058189.D (-3261) (-)

Time-->



Time-->



#77

Bromobenzene

Concen: 48.770 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

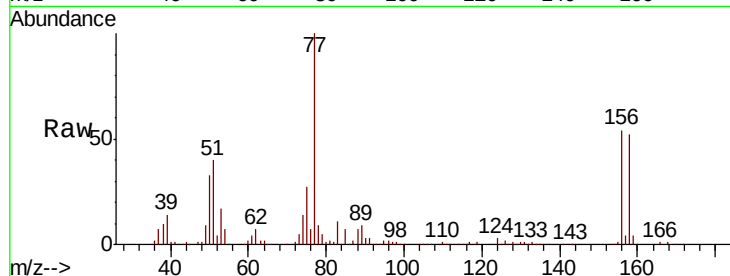
Tot Ion:156 Resp: 297178

Ion Ratio Lower Upper

156 100

77 219.4 111.7 335.1

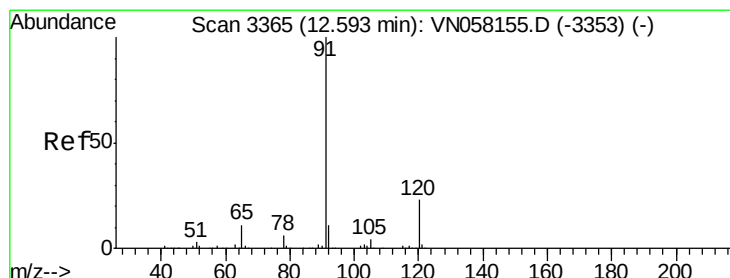
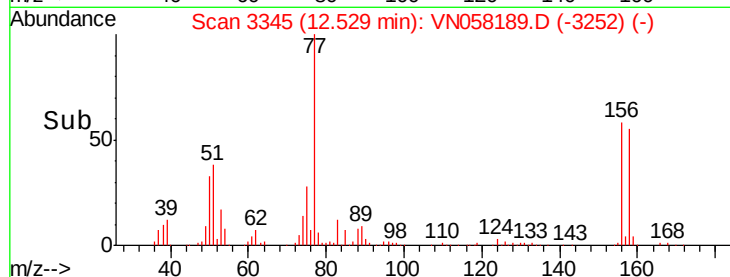
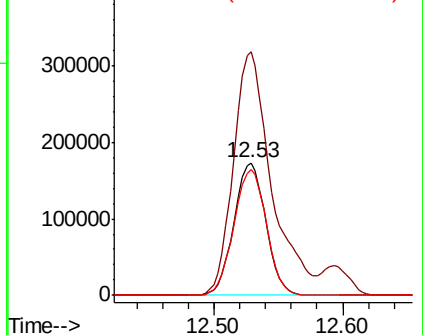
158 97.3 47.9 143.8



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: 54.044 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN058189.D

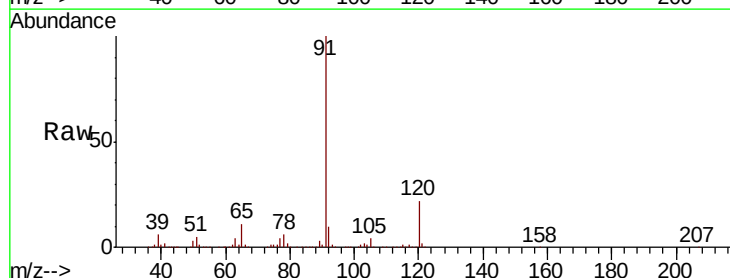
Acq: 19 Sep 2019 8:55

Tgt Ion: 91 Resp: 1487673

Ion Ratio Lower Upper

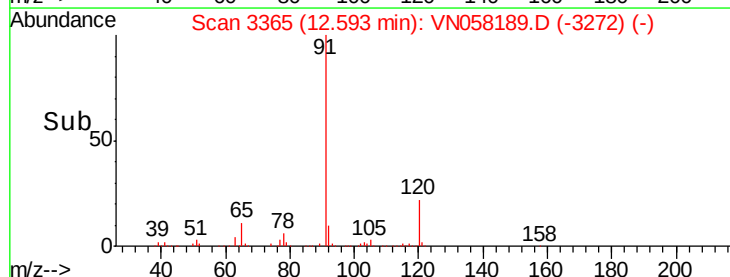
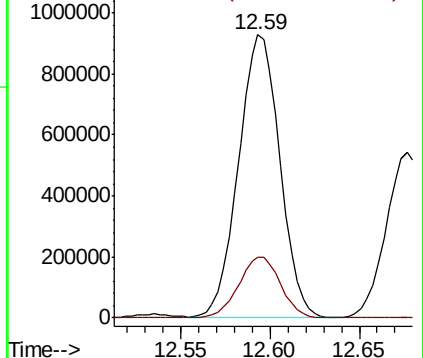
91 100

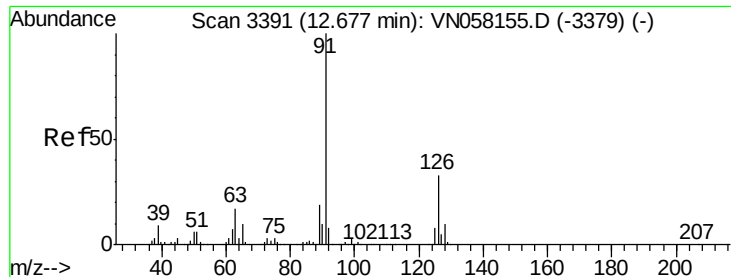
120 21.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.451 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

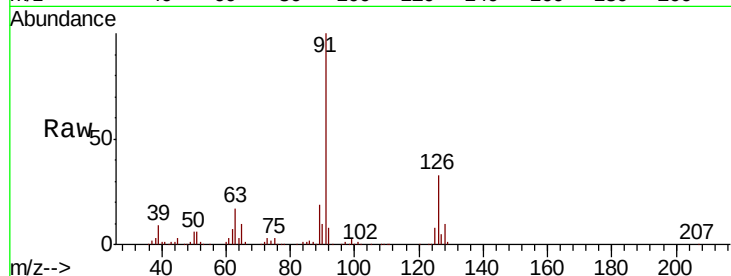
VSTDCCC050

Tot Ion: 91 Resp: 885136

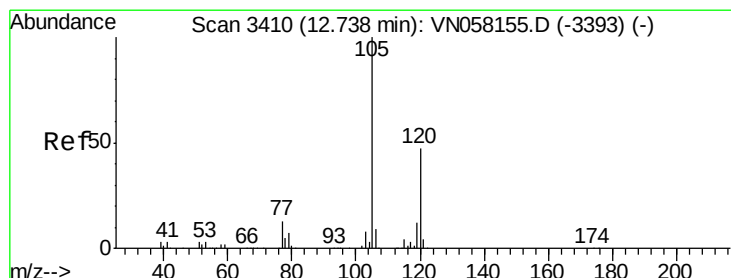
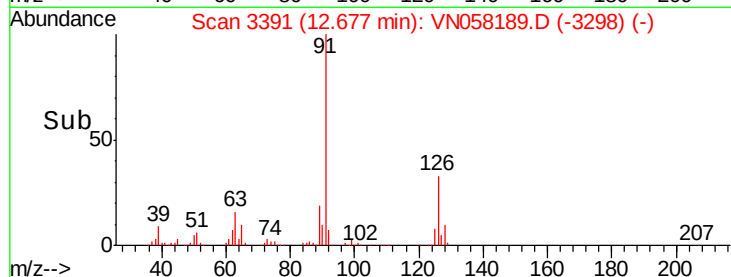
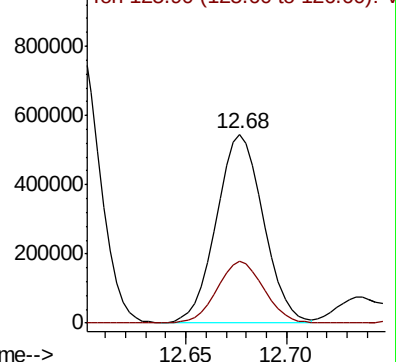
Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN058189.D (-3391) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.927 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN058189.D

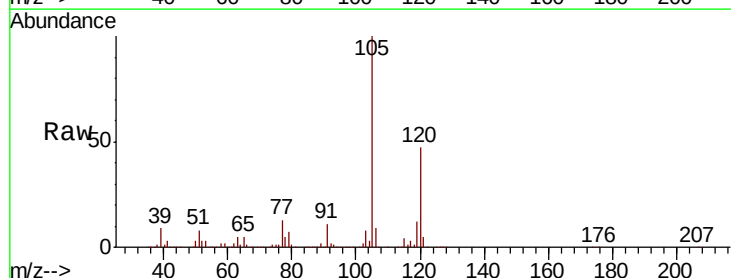
Acq: 19 Sep 2019 8:55

Tgt Ion: 105 Resp: 1084183

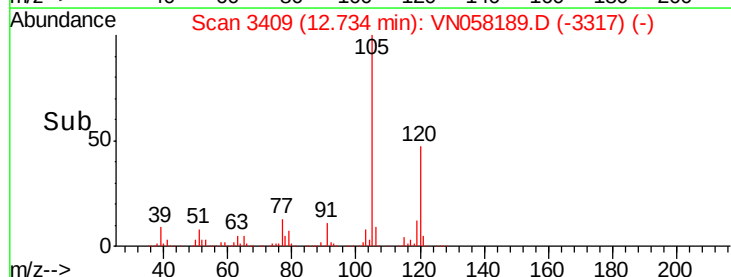
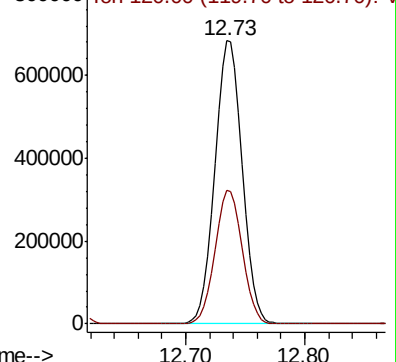
Ion Ratio Lower Upper

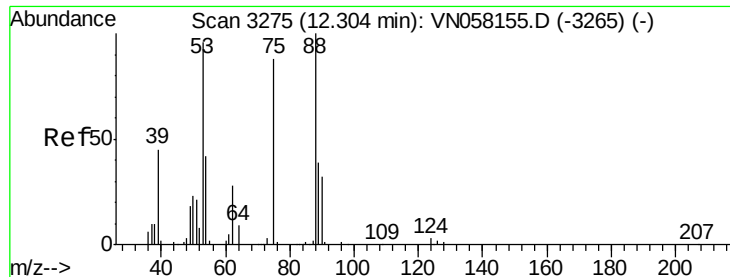
105 100

120 47.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN058189.D (-3409) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.736 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

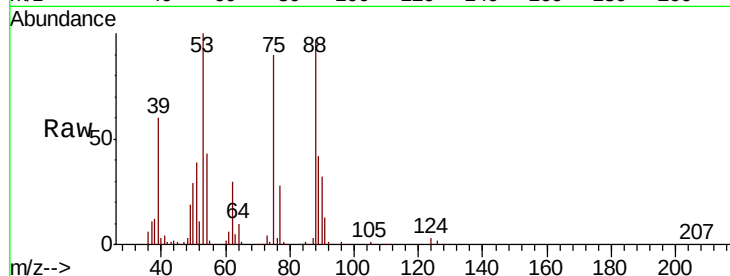
Tot Ion: 75 Resp: 105138

Ion Ratio Lower Upper

75 100

53 110.8 90.1 135.1

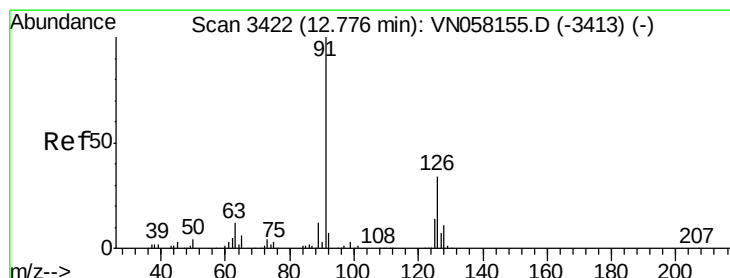
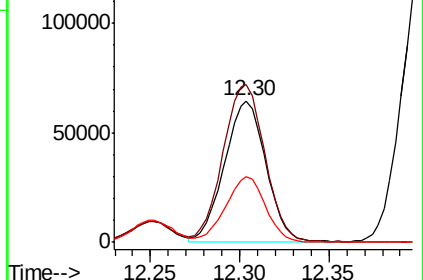
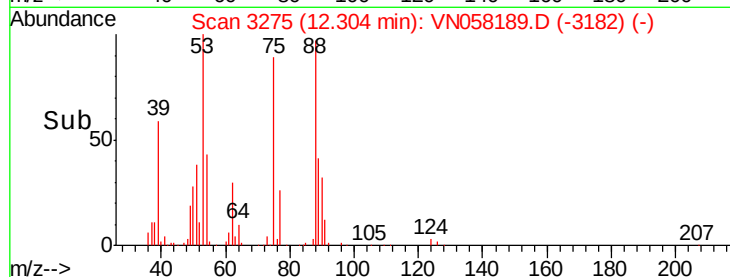
89 44.6 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 51.452 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN058189.D

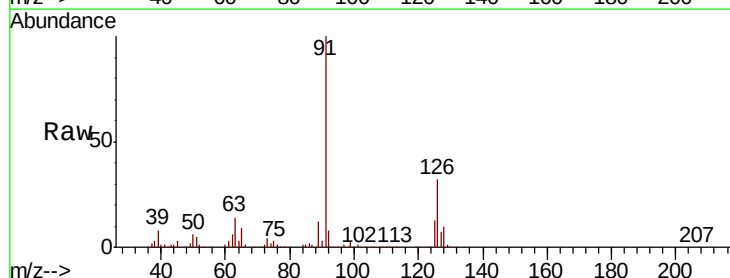
Acq: 19 Sep 2019 8:55

Tgt Ion: 91 Resp: 930445

Ion Ratio Lower Upper

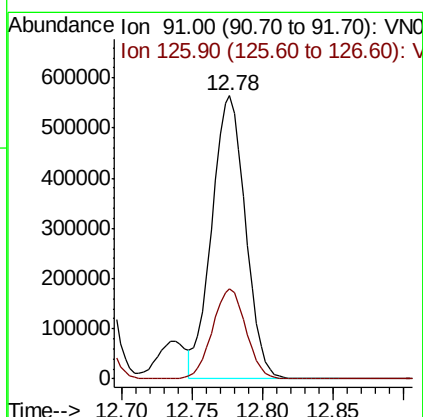
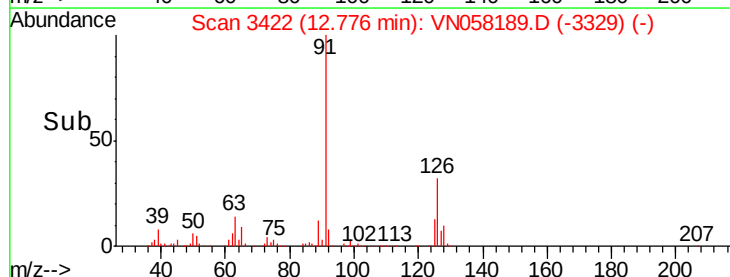
91 100

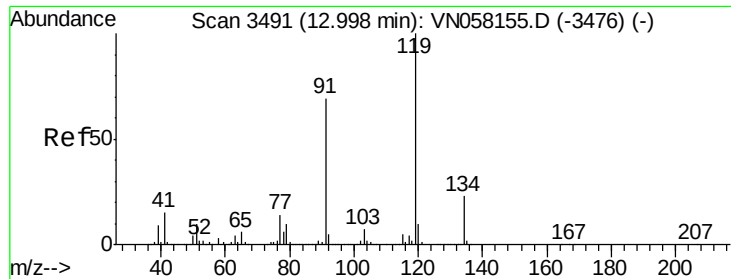
126 31.8 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

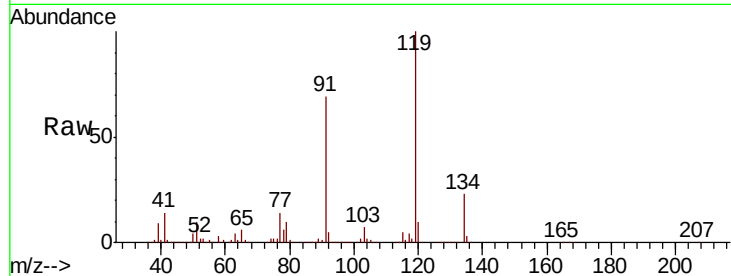




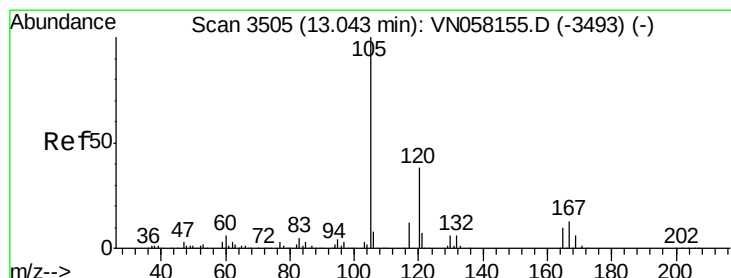
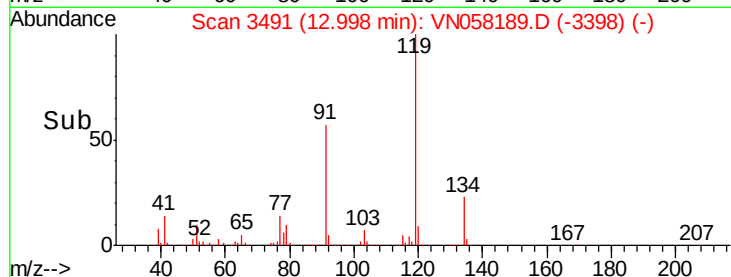
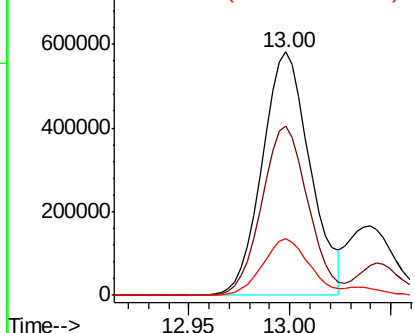
#83
 tert-Butylbenzene
 Concen: 52.654 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 961855
 Ion Ratio Lower Upper
 119 100
 91 67.3 33.8 101.3
 134 23.0 11.6 34.8

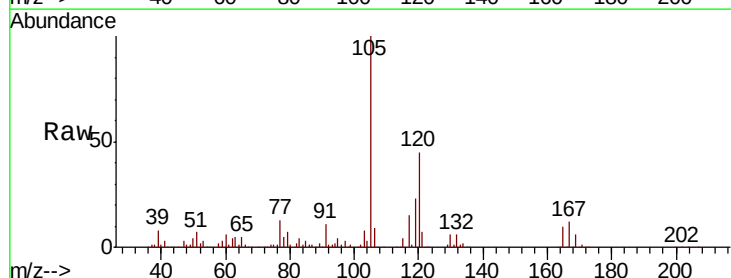


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

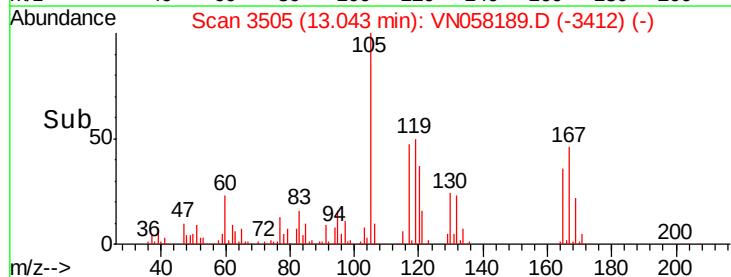
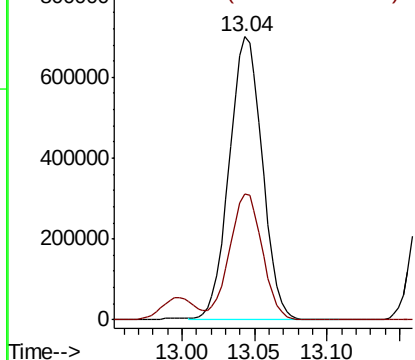


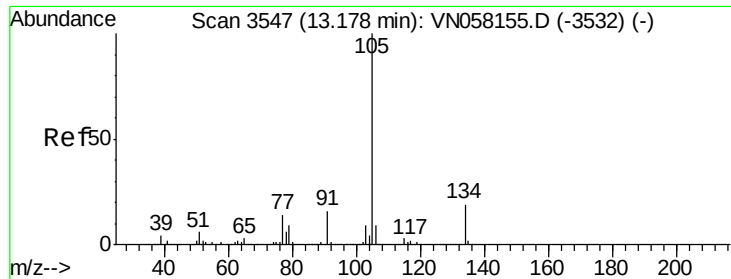
#84
 1,2,4-Trimethylbenzene
 Concen: 54.227 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Tgt Ion:105 Resp: 1105425
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 54.451 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

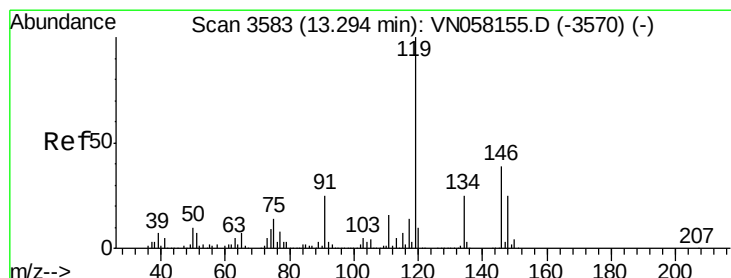
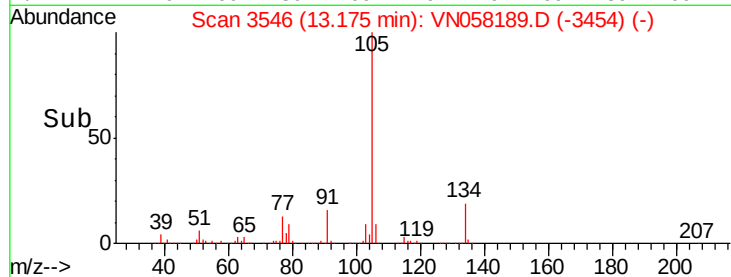
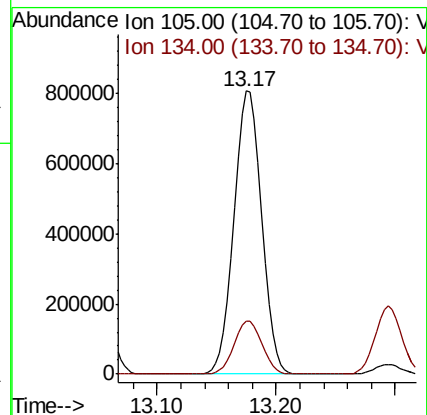
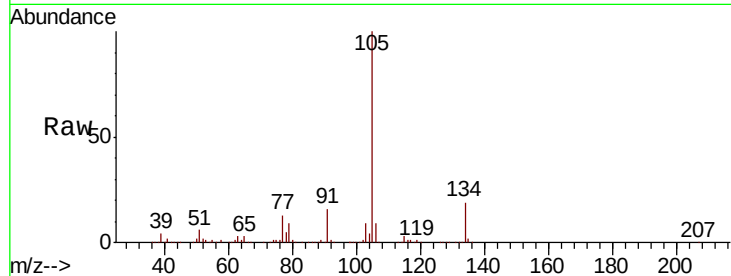
VSTDCCC050

Tot Ion:105 Resp: 1300731

Ion Ratio Lower Upper

105 100

134 18.9 9.5 28.5



#86

p-Isopropyltoluene

Concen: 55.361 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

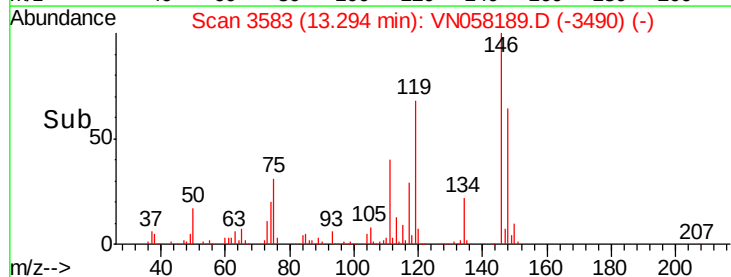
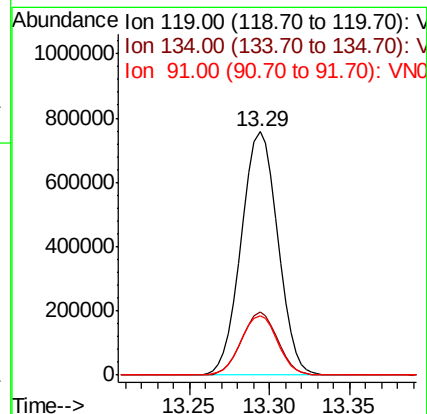
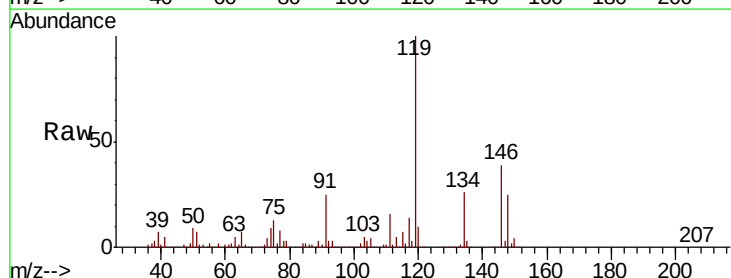
Tgt Ion:119 Resp: 1175687

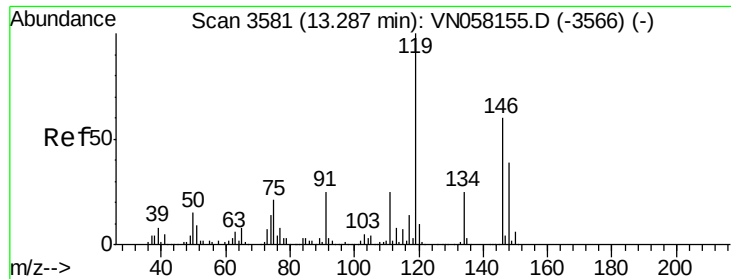
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 24.5 12.3 36.8

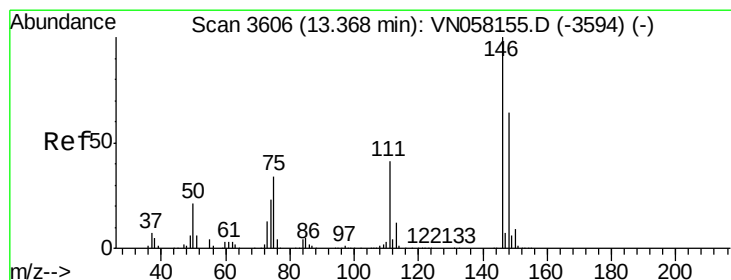
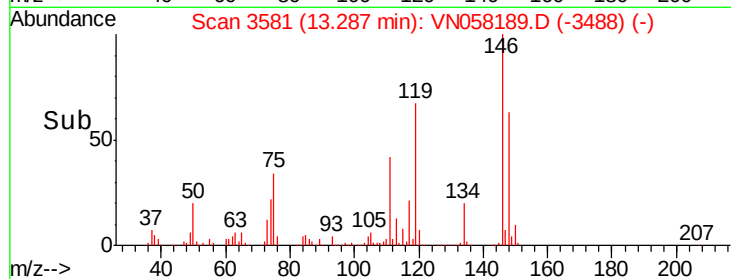
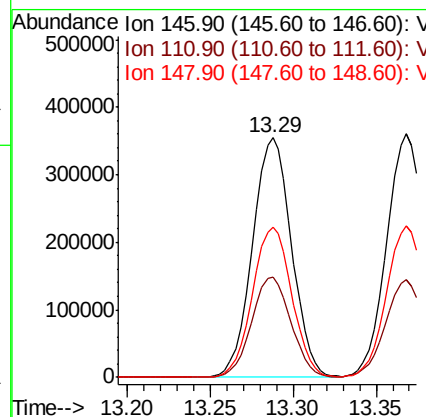
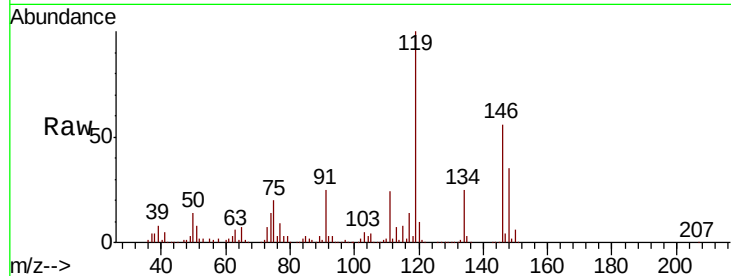




#87
 1,3-Dichlorobenzene
 Concen: 52.217 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

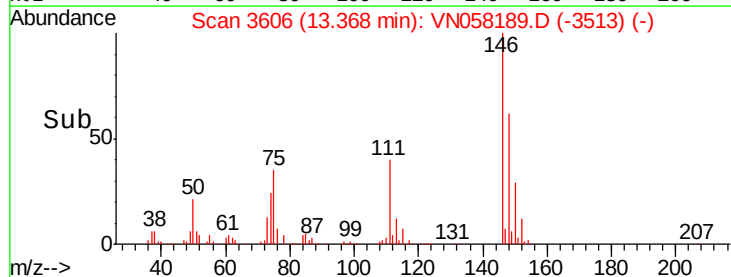
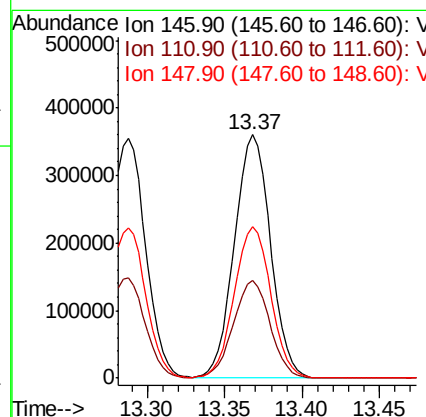
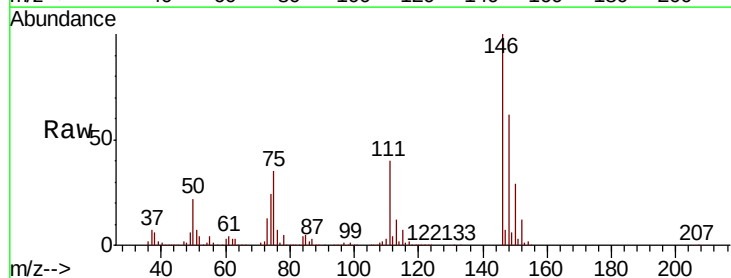
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

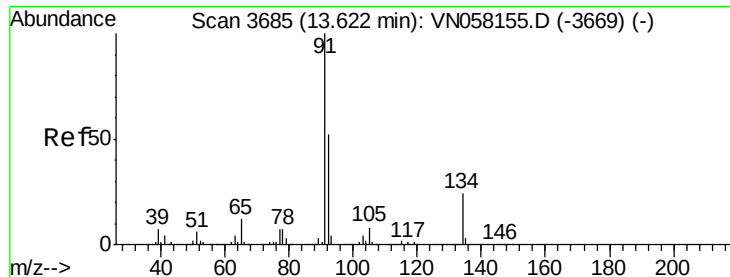
Tot Ion:146 Resp: 581149
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.9 62.8
 148 63.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 51.187 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Tgt Ion:146 Resp: 581601
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.5
 148 62.9 31.9 95.5





#89

n-Butylbenzene

Concen: 54.754 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

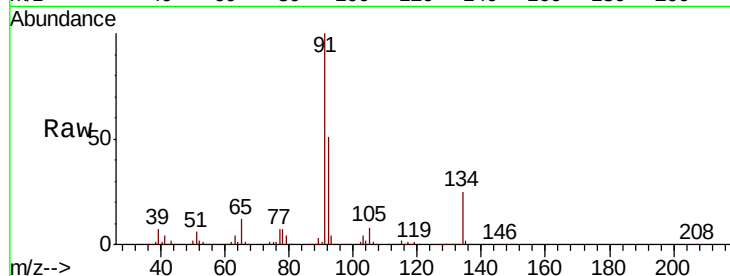
Tot Ion: 91 Resp: 1102419

Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.7	77.0
134	24.4	11.8	35.4

91 100

92 51.1 25.7 77.0

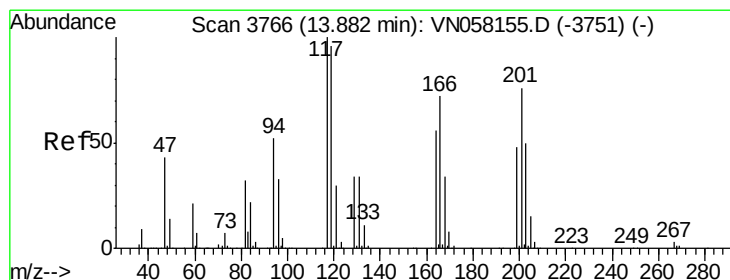
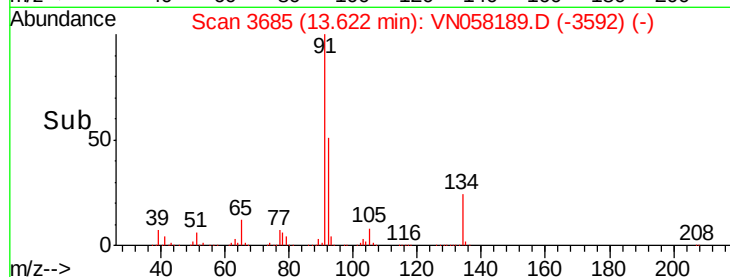
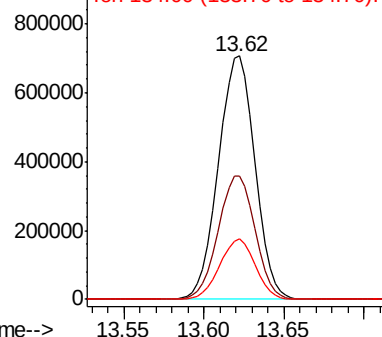
134 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN058189.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN058189.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN058189.D (-3669) (-)



#90

Hexachloroethane

Concen: 48.294 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN058189.D

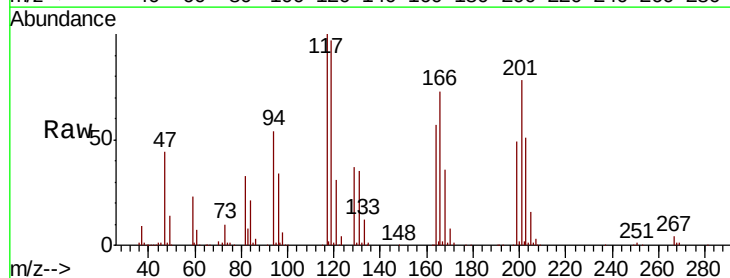
Acq: 19 Sep 2019 8:55

Tgt Ion: 117 Resp: 179466

Ion	Ratio	Lower	Upper
117	100		
201	77.2	37.5	112.5

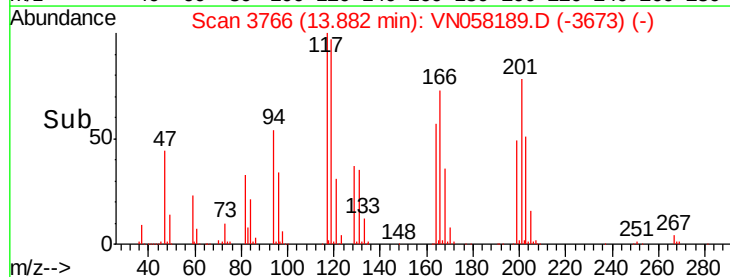
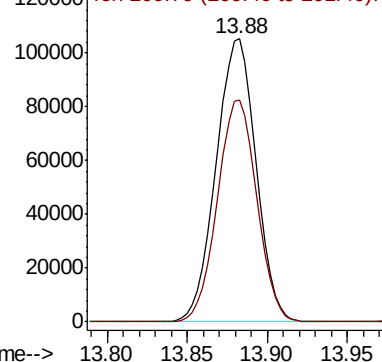
117 100

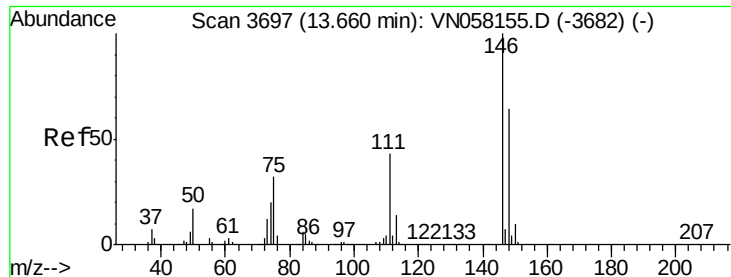
201 77.2 37.5 112.5



Abundance Ion 116.80 (116.50 to 117.50): VN058189.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN058189.D (-3673) (-)

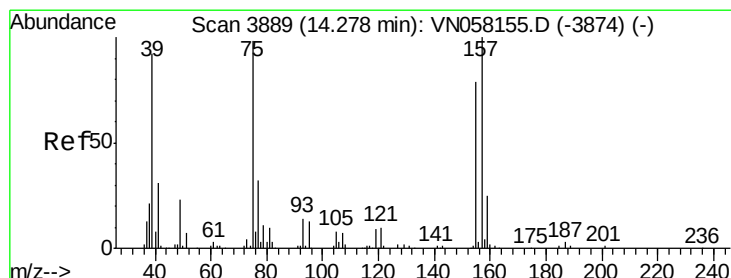
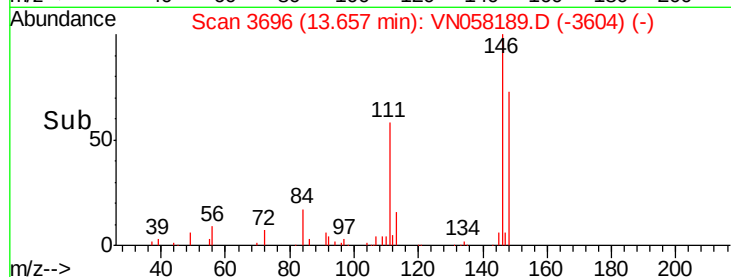
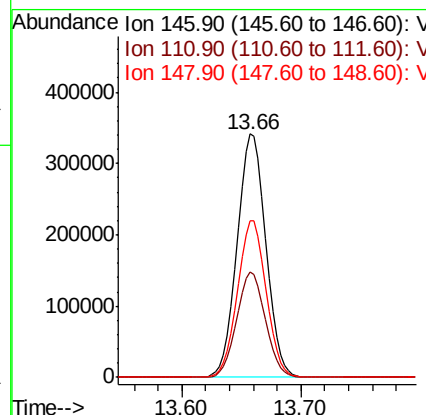
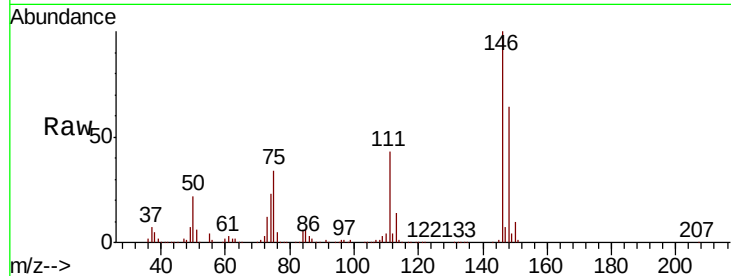




#91
 1,2-Dichlorobenzene
 Concen: 51.146 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

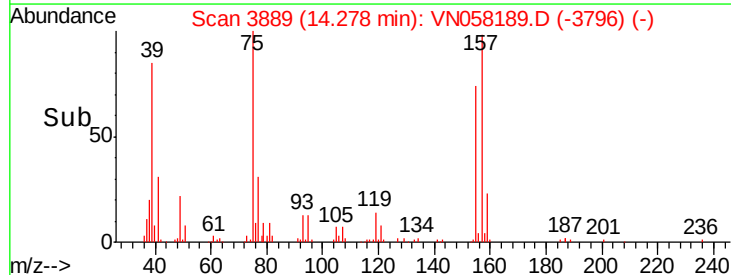
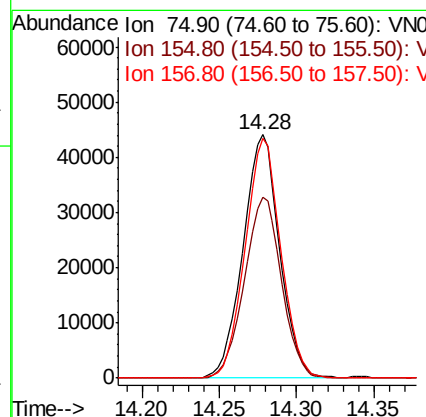
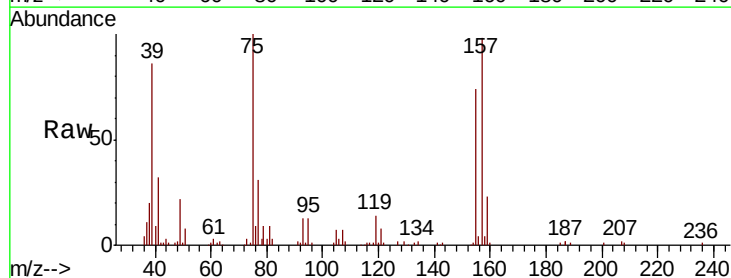
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

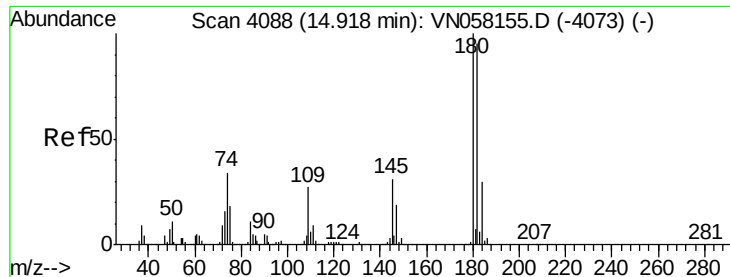
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.1	63.1
148	64.2	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.572 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.5	38.3	114.8
157	96.2	48.0	144.0

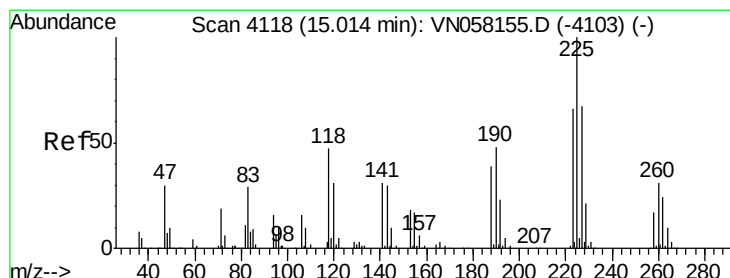
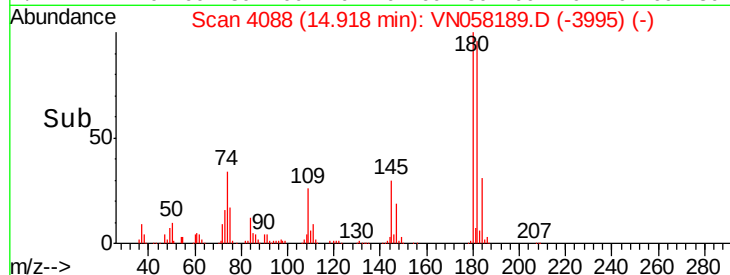
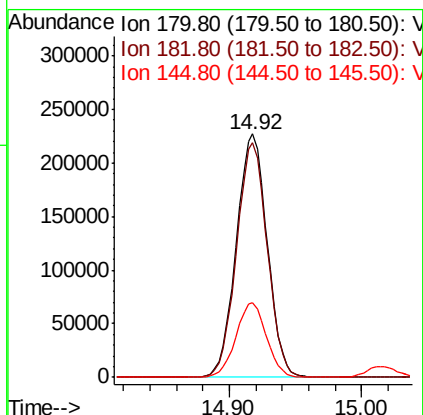
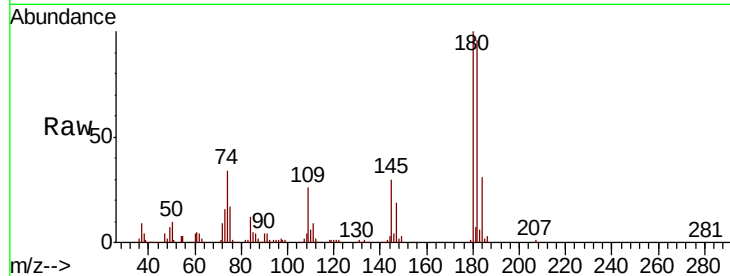




#93
 1,2,4-Trichlorobenzene
 Concen: 51.579 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

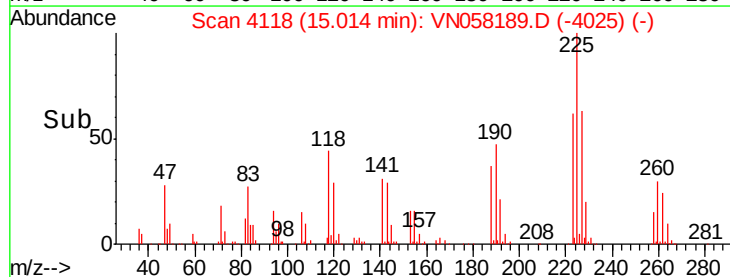
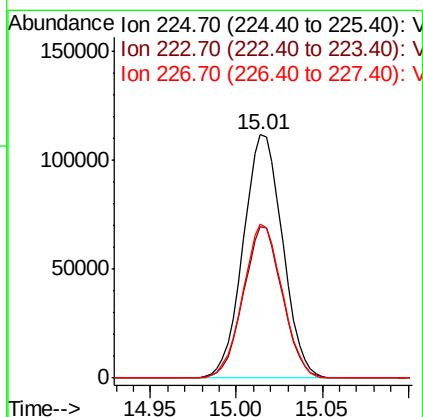
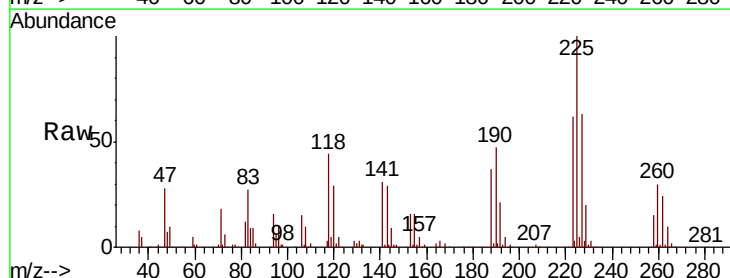
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

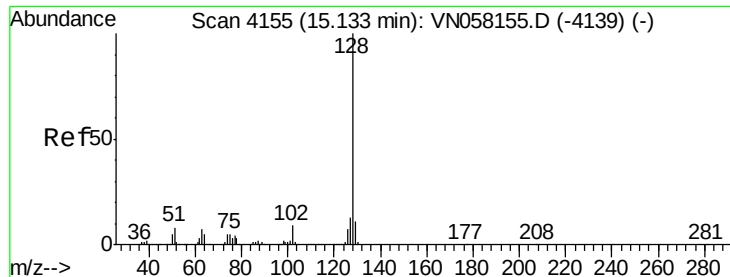
Tot Ion:180 Resp: 367912
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.8 143.3
 145 30.1 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 51.639 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN058189.D
 Acq: 19 Sep 2019 8:55

Tgt Ion:225 Resp: 178032
 Ion Ratio Lower Upper
 225 100
 223 61.8 32.6 97.7
 227 63.4 33.0 99.0





#95

Naphthalene

Concen: 51.023 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Instrument :

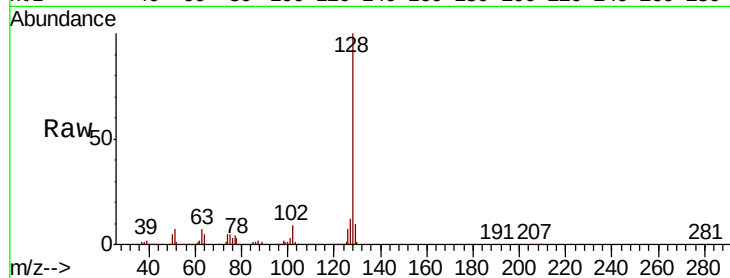
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 943193

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.4	8.6	12.8

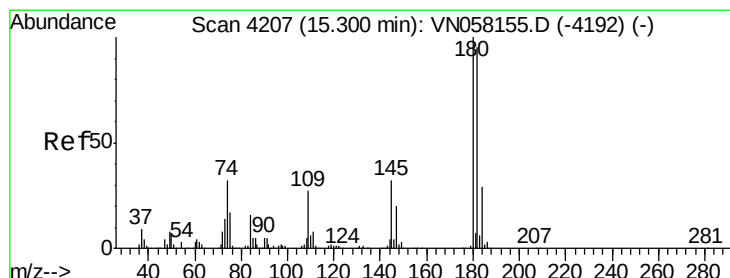
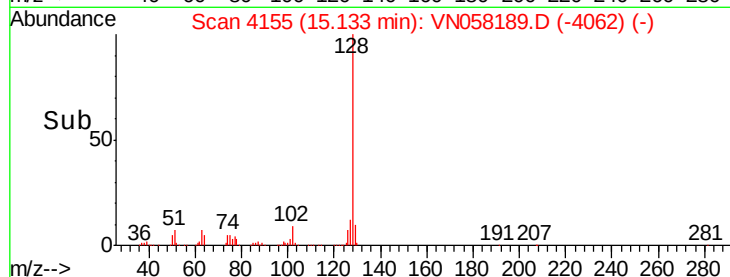
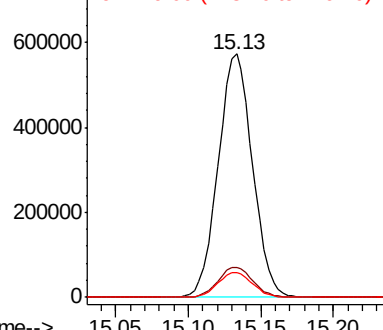


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.201 ug/l

RT: 15.30 min Scan# 4207

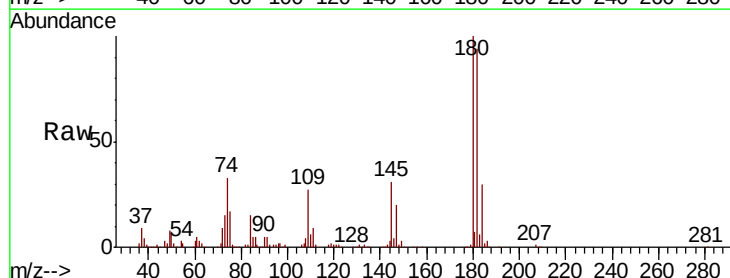
Delta R.T. 0.00 min

Lab File: VN058189.D

Acq: 19 Sep 2019 8:55

Tgt Ion:180 Resp: 338452

Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.4	142.2
145	31.9	16.1	48.2



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

