

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091119\
 Data File : VN057892.D
 Acq On : 11 Sep 2019 2:14
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 11 04:02:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	372469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	606449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	582740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	355050	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	373230	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	7.57	113	277774	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	10.09	98	1125774	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
62) 4-Bromofluorobenzene	12.40	95	412878	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	276694	53.716	ug/l	100
3) Chloromethane	2.03	50	223137	42.502	ug/l	97
4) Vinyl Chloride	2.16	62	241882	43.532	ug/l	99
5) Bromomethane	2.53	94	96194	30.923	ug/l	99
6) Chloroethane	2.67	64	145823	41.185	ug/l	98
7) Trichlorofluoromethane	2.99	101	308784	44.159	ug/l	100
8) Diethyl Ether	3.39	74	136664	46.859	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	208296	47.221	ug/l	98
10) Methyl Iodide	3.93	142	142593	29.049	ug/l	100
11) Tert butyl alcohol	4.77	59	189987	208.074	ug/l	100
12) 1,1-Dichloroethene	3.71	96	183839	46.352	ug/l	97
13) Acrolein	3.59	56	147252	190.089	ug/l	100
14) Allyl chloride	4.30	41	345728	44.543	ug/l	99
15) Acrylonitrile	4.96	53	591214	235.575	ug/l	100
16) Acetone	3.80	43	475071	192.097	ug/l	98
17) Carbon Disulfide	4.03	76	284990	46.180	ug/l	98
18) Methyl Acetate	4.30	43	319076	48.389	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	811413	49.160	ug/l	98
20) Methylene Chloride	4.53	84	236529	50.245	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	193728	45.185	ug/l	98
22) Diisopropyl ether	5.93	45	886611	48.709	ug/l	100
23) Vinyl Acetate	5.87	43	3256707	252.462	ug/l	99
24) 1,1-Dichloroethane	5.82	63	469314	47.177	ug/l	100
25) 2-Butanone	6.82	43	786758	219.800	ug/l	99
26) 2,2-Dichloropropane	6.80	77	278381	35.361	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	270427	47.066	ug/l	97
28) Bromochloromethane	7.17	49	235215	47.328	ug/l	93
29) Tetrahydrofuran	7.19	42	504857	228.892	ug/l	100
30) Chloroform	7.36	83	487139	46.834	ug/l	99
31) Cyclohexane	7.64	56	331330	48.823	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	396365	48.048	ug/l	99
36) 1,1-Dichloropropene	7.78	75	316165	44.953	ug/l	99
37) Ethyl Acetate	6.91	43	336878	46.360	ug/l	99
38) Carbon Tetrachloride	7.76	117	313177	48.772	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	330780	44.739	ug/l	99
40) Benzene	8.03	78	982803	46.414	ug/l	98
41) Methacrylonitrile	7.16	41	170052	51.554	ug/l	92
42) 1,2-Dichloroethane	8.11	62	398345	47.039	ug/l	100
43) Isopropyl Acetate	8.15	43	605638	49.561	ug/l	99
44) Trichloroethene	8.82	130	241812	46.560	ug/l	97
45) 1,2-Dichloropropane	9.11	63	287377	46.641	ug/l	99
46) Dibromomethane	9.20	93	176141	47.308	ug/l	98
47) Bromodichloromethane	9.40	83	368706	49.591	ug/l	99
48) Methyl methacrylate	9.19	41	289871	46.762	ug/l	99
49) 1,4-Dioxane	9.19	88	81901	781.293	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1795740	248.323	ug/l	100
52) Toluene	10.15	92	636243	47.707	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	383107	48.931	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	416312	48.161	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	271906	48.132	ug/l	99
56) Ethyl methacrylate	10.43	69	424287	49.874	ug/l	99
57) 1,3-Dichloropropane	10.71	76	469936	48.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1005185	250.871	ug/l	98
59) 2-Hexanone	10.75	43	1310581	241.793	ug/l	100
60) Dibromochloromethane	10.90	129	273061	52.053	ug/l	100
61) 1,2-Dibromoethane	11.00	107	262305	49.114	ug/l	99
64) Tetrachloroethene	10.63	164	205162	47.683	ug/l	99
65) Chlorobenzene	11.43	112	716250	46.965	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	261084	49.336	ug/l	99
67) Ethyl Benzene	11.51	91	1301432	48.693	ug/l	100
68) m/p-Xylenes	11.62	106	965009	98.568	ug/l	98
69) o-Xylene	11.95	106	480693	49.388	ug/l	100
70) Styrene	11.97	104	854066	50.988	ug/l	100
71) Bromoform	12.13	173	168989	51.220	ug/l #	99
73) Isopropylbenzene	12.25	105	1335293	48.467	ug/l	100
74) N-amyl acetate	12.07	43	583401	48.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	420447	45.325	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	502356	62.546	ug/l #	100
77) Bromobenzene	12.53	156	335123	48.788	ug/l	89
78) n-propylbenzene	12.59	91	1554619	49.140	ug/l	100
79) 2-Chlorotoluene	12.68	91	926939	46.357	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1138671	48.915	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	97219	42.595	ug/l	96
82) 4-Chlorotoluene	12.78	91	977782	47.618	ug/l	100
83) tert-Butylbenzene	13.00	119	999586	48.306	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1168510	49.389	ug/l	99
85) sec-Butylbenzene	13.18	105	1349772	49.214	ug/l	99
86) p-Isopropyltoluene	13.29	119	1216580	50.343	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	600596	47.636	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	598214	46.743	ug/l	100
89) n-Butylbenzene	13.62	91	1129390	49.489	ug/l	100
90) Hexachloroethane	13.88	117	177242	49.317	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	600978	47.712	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	77313	50.468	ug/l	99

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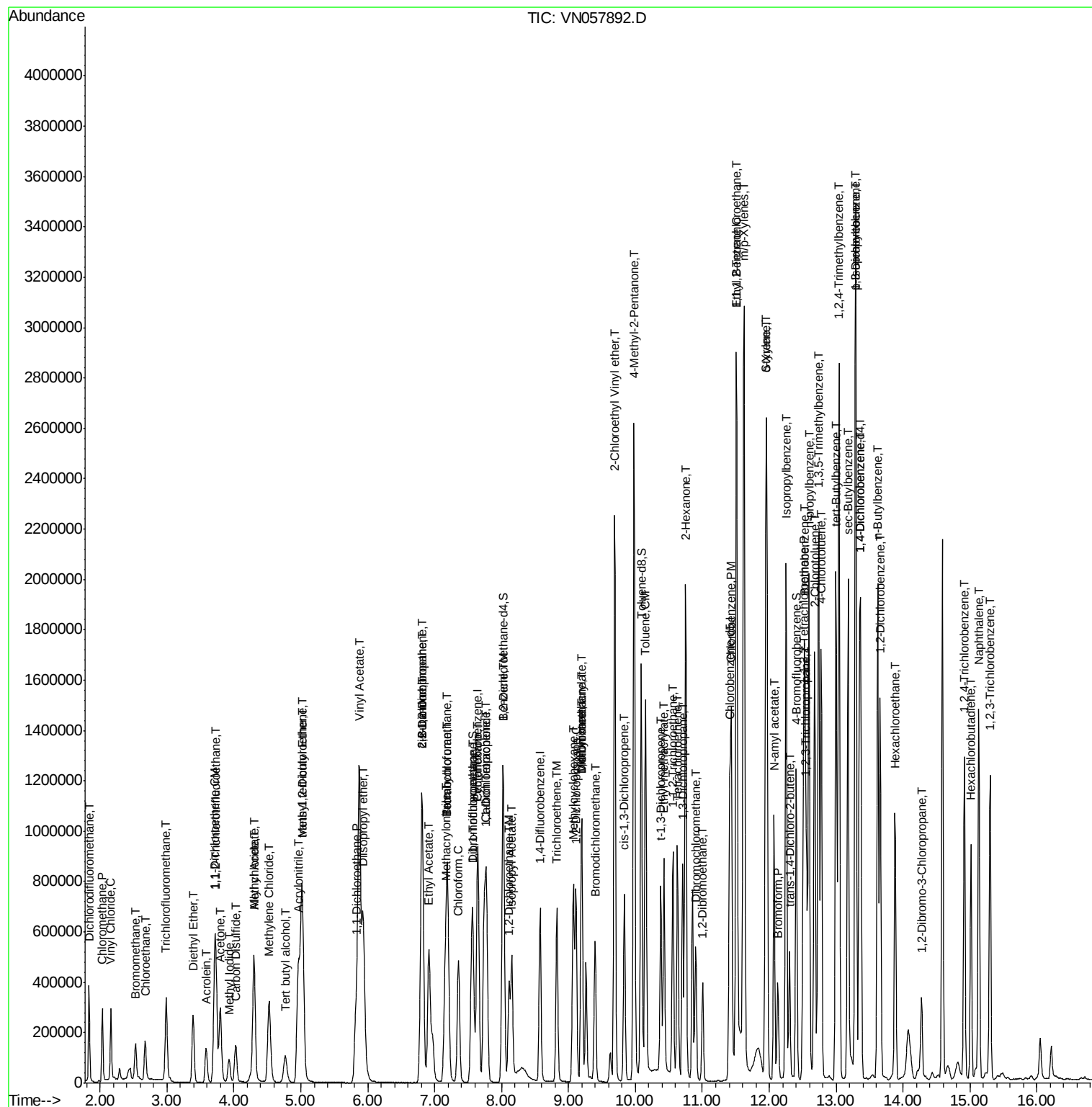
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	383838	46.622	ug/l	98
94) Hexachlorobutadiene	15.01	225	166589	47.733	ug/l	97
95) Naphthalene	15.13	128	1180376	57.011	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	365223	50.798	ug/l	99

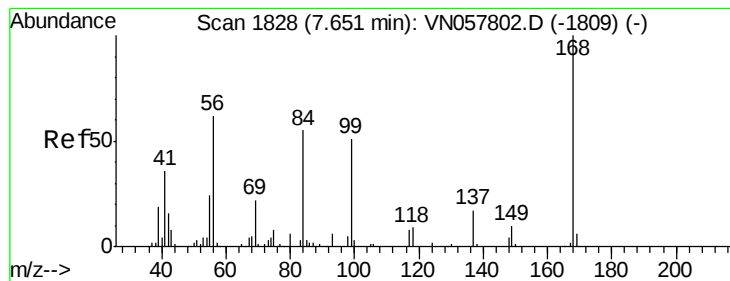
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

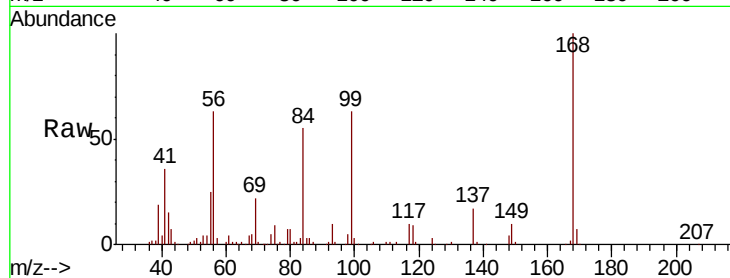
VSTDCCC050EC

Tgt Ion:168 Resp: 372469

Ion Ratio Lower Upper

168 100

99 62.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

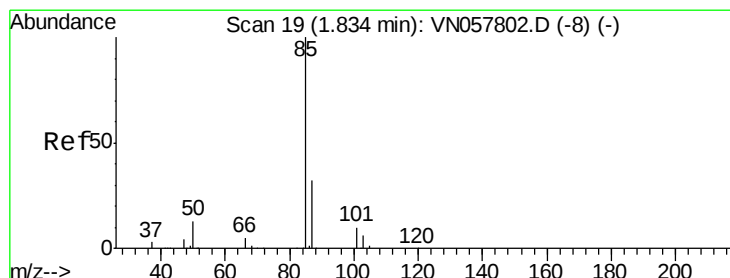
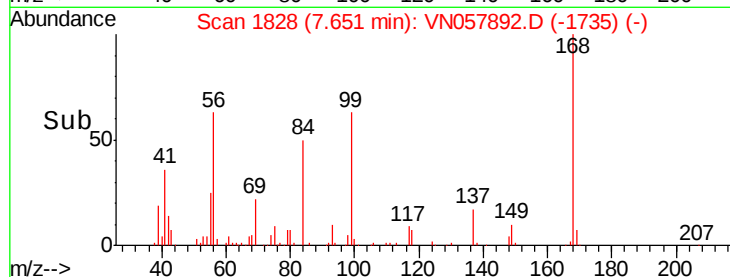
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.716 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057892.D

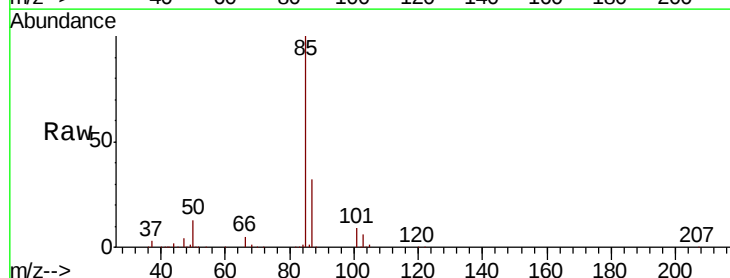
Acq: 11 Sep 2019 2:14

Tgt Ion: 85 Resp: 276694

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

250000

200000

150000

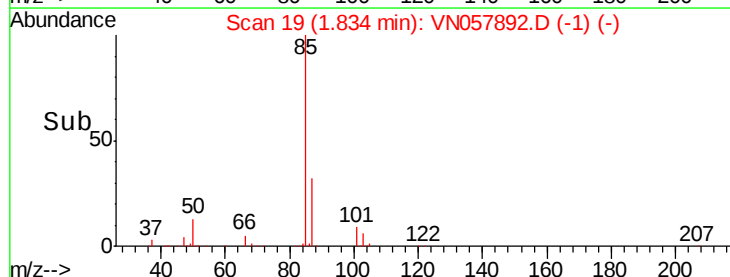
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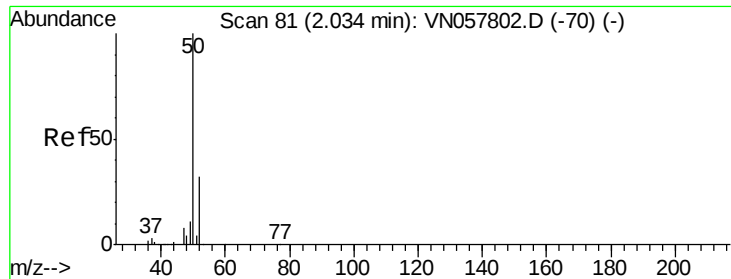
50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 42.502 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

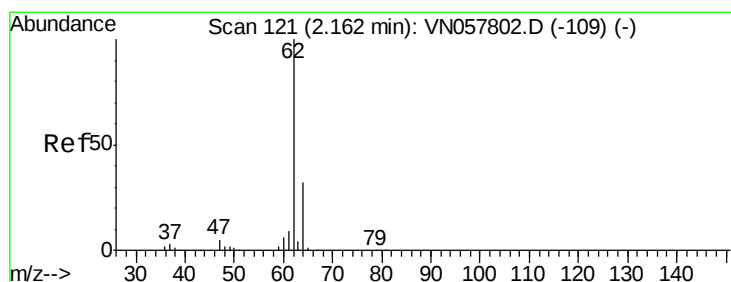
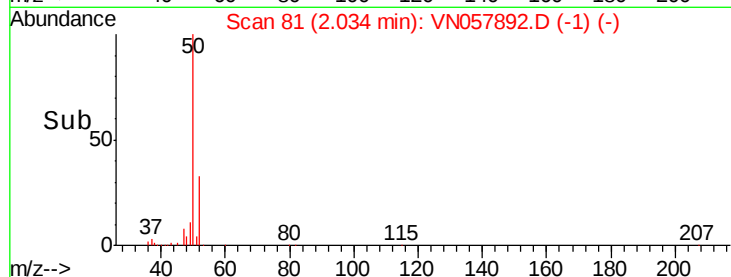
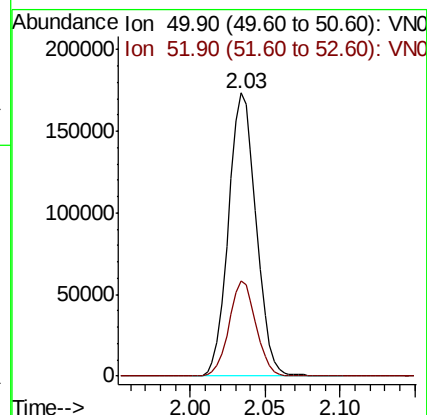
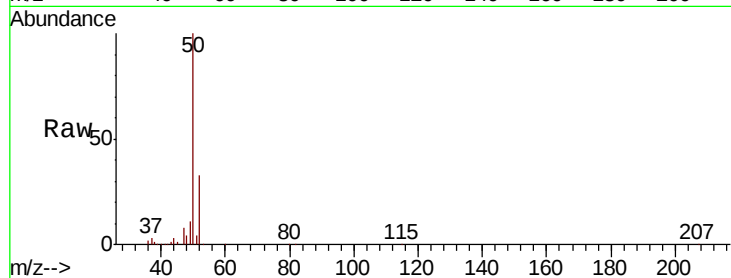
VSTDCCC050EC

Tgt Ion: 50 Resp: 223137

Ion Ratio Lower Upper

50 100

52 33.5 25.5 38.3



#4

Vinyl Chloride

Concen: 43.532 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN057892.D

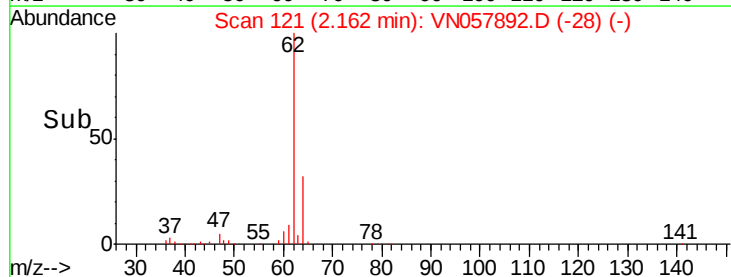
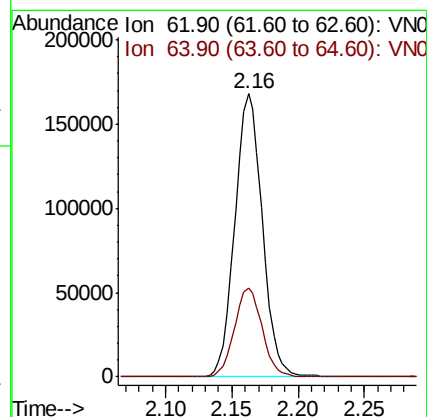
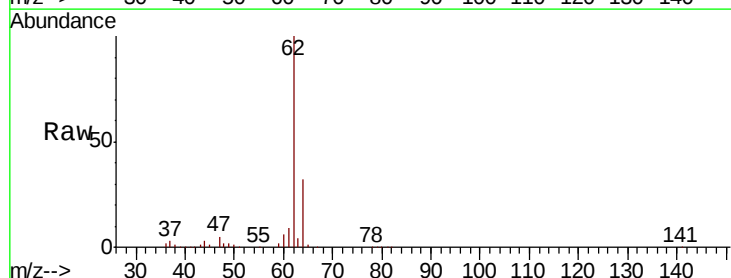
Acq: 11 Sep 2019 2:14

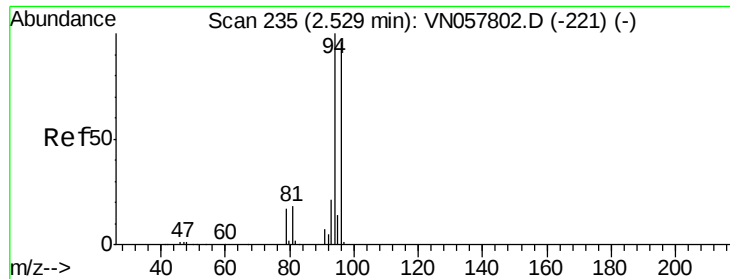
Tgt Ion: 62 Resp: 241882

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 30.923 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

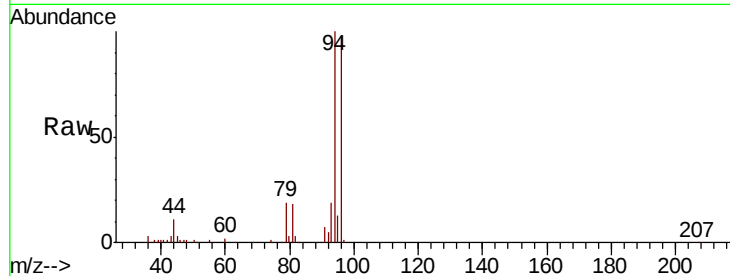
VSTDCCC050EC

Tgt Ion: 94 Resp: 96194

Ion Ratio Lower Upper

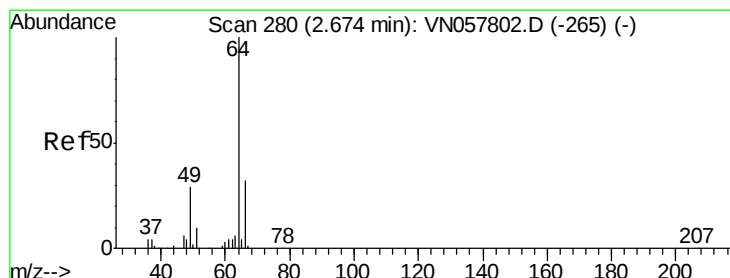
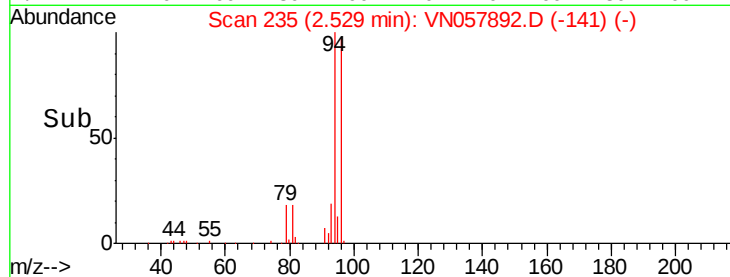
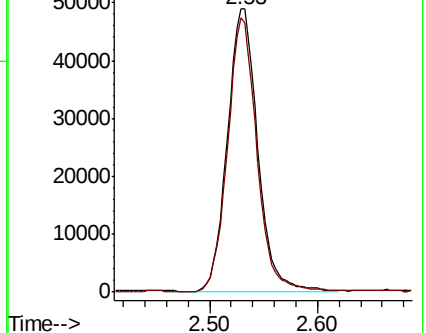
94 100

96 96.7 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 41.185 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN057892.D

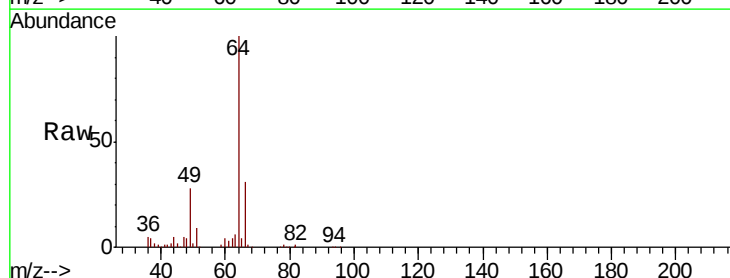
Acq: 11 Sep 2019 2:14

Tgt Ion: 64 Resp: 145823

Ion Ratio Lower Upper

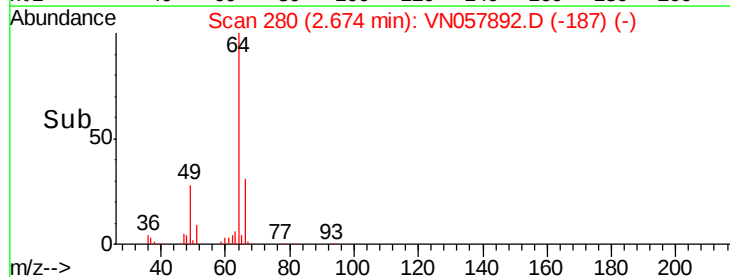
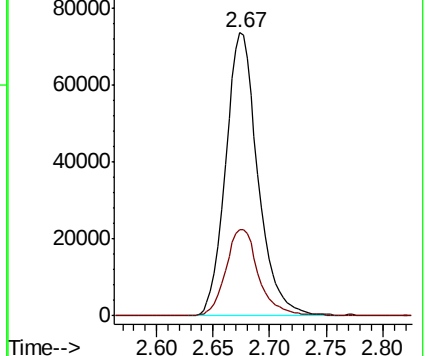
64 100

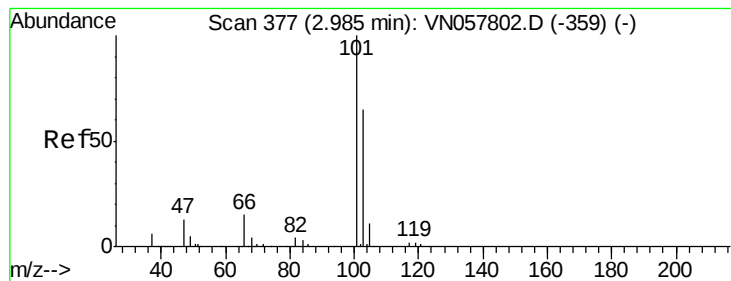
66 30.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



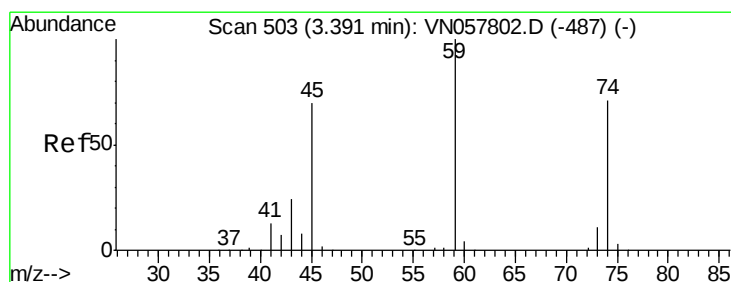
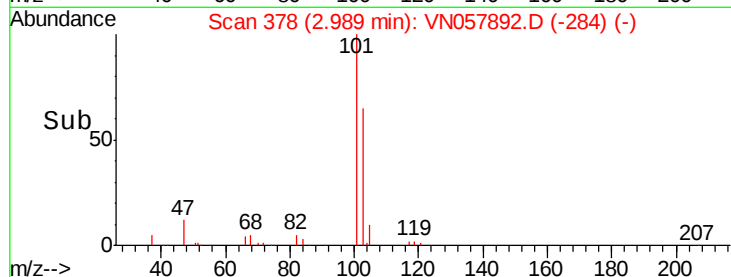
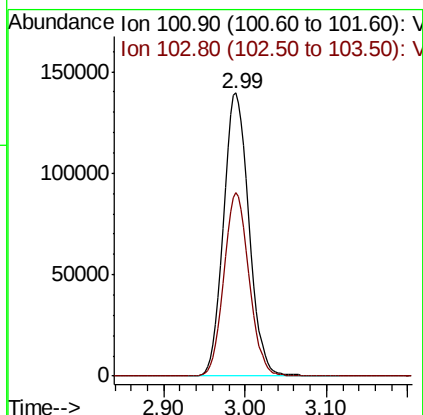
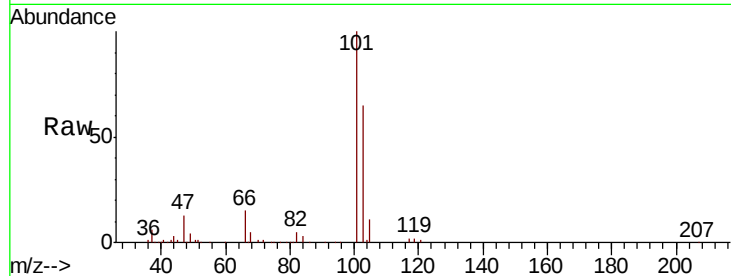


#7

Trichlorofluoromethane
 Concen: 44.159 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

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 VSTDCCC050EC

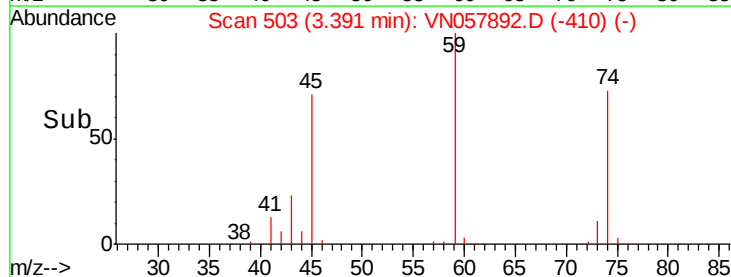
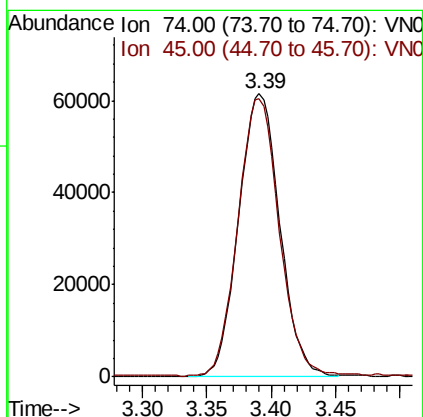
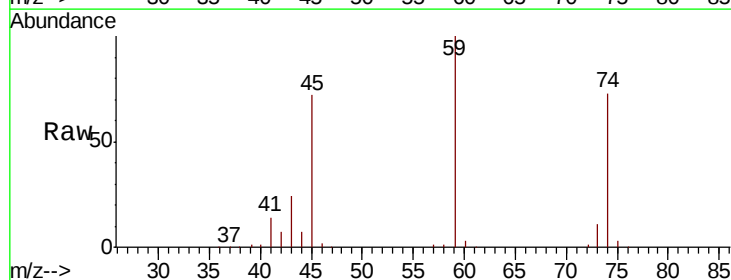
Tgt Ion: 101 Resp: 308784
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.9 77.9

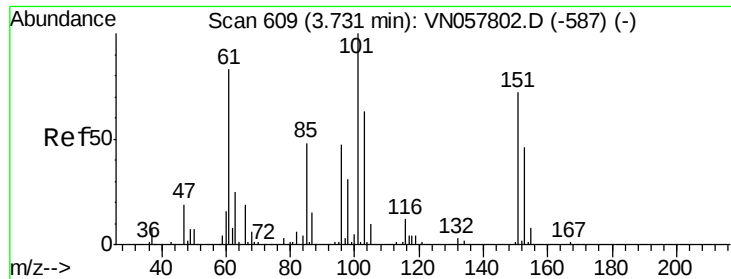


#8

Diethyl Ether
 Concen: 46.859 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion: 74 Resp: 136664
 Ion Ratio Lower Upper
 74 100
 45 98.0 50.3 151.0

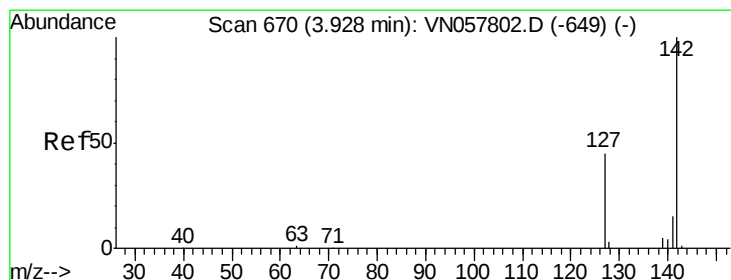
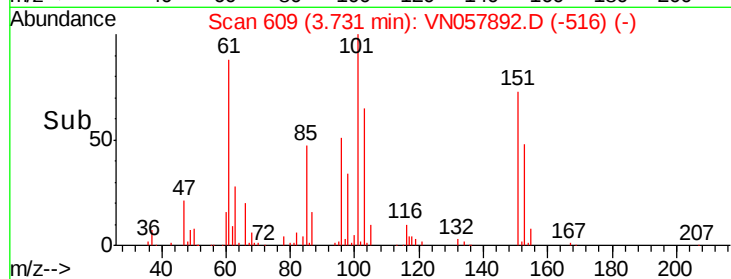
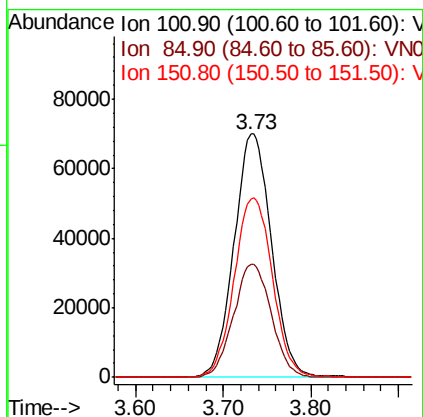
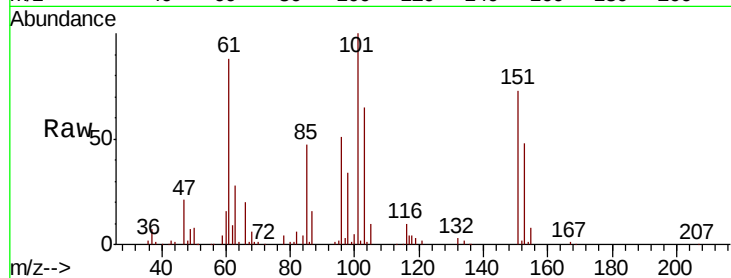




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.221 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

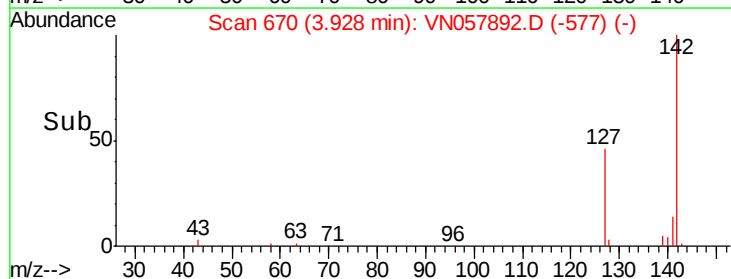
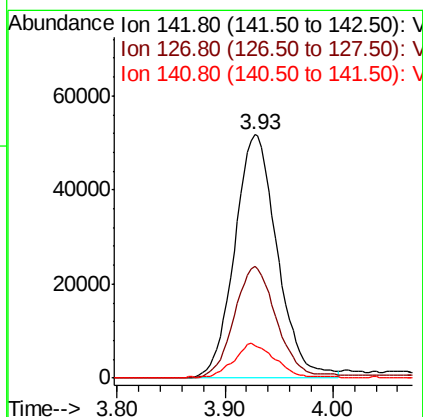
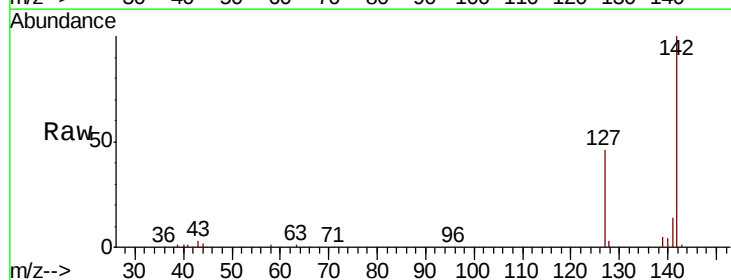
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

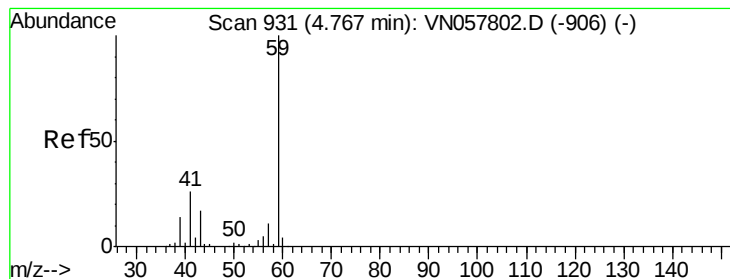
Tgt Ion:101 Resp: 208296
 Ion Ratio Lower Upper
 101 100
 85 46.8 38.1 57.1
 151 75.1 58.4 87.6



#10
 Methyl Iodide
 Concen: 29.049 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion:142 Resp: 142593
 Ion Ratio Lower Upper
 142 100
 127 46.0 36.7 55.1
 141 13.8 11.4 17.0



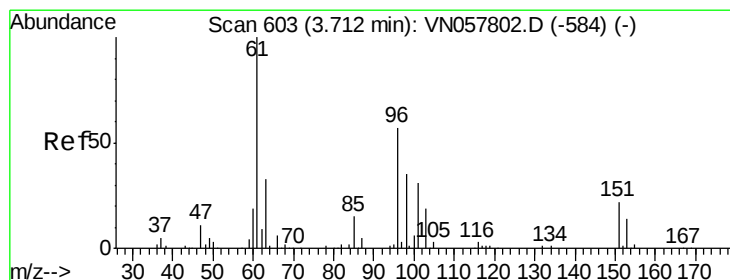
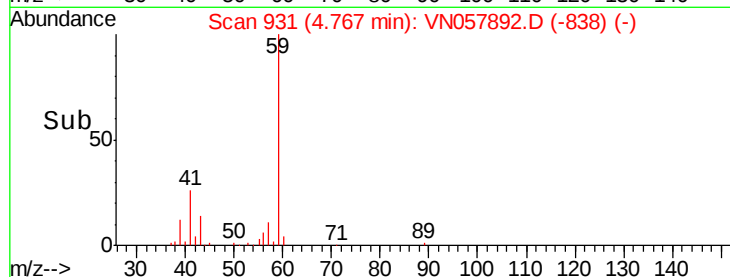
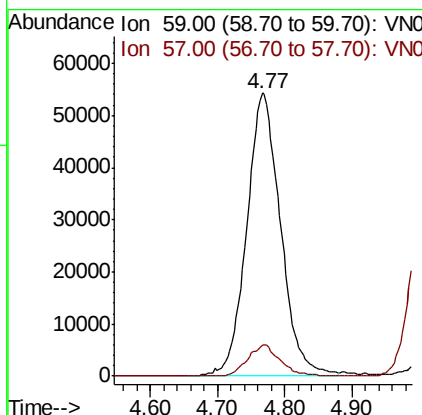
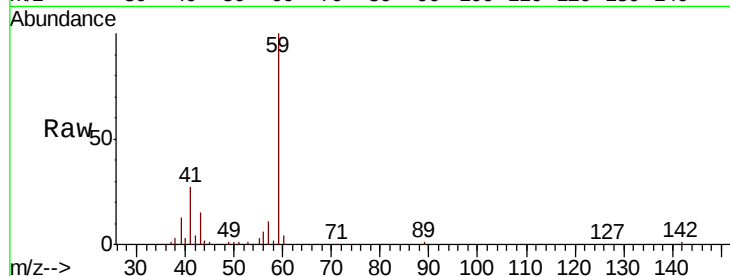


#11

Tert butyl alcohol
 Concen: 208.074 ug/l
 RT: 4.77 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

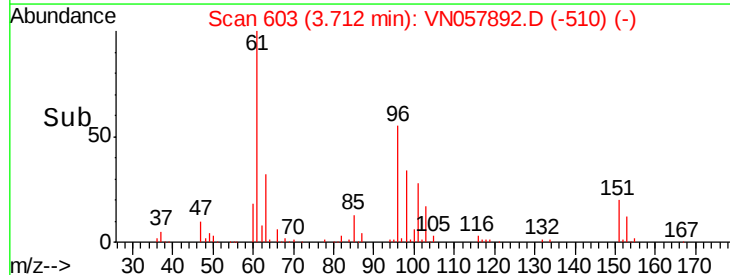
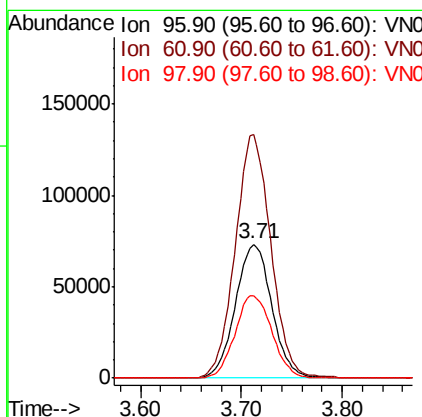
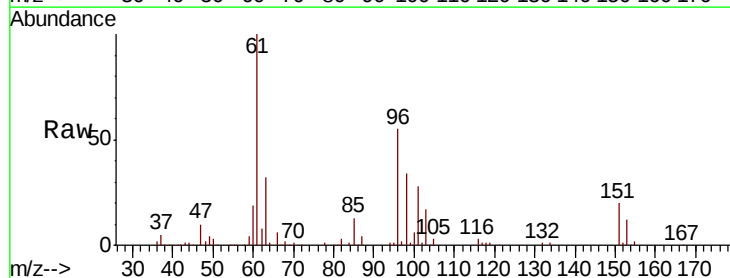
Tgt Ion: 59 Resp: 189987
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.4 12.6

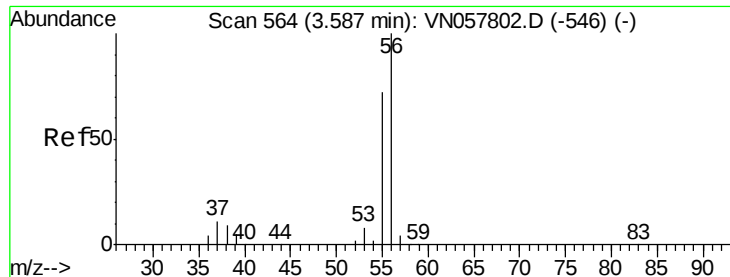


#12

1,1-Dichloroethene
 Concen: 46.352 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion: 96 Resp: 183839
 Ion Ratio Lower Upper
 96 100
 61 182.0 141.2 211.8
 98 61.9 49.9 74.9





#13

Acrolein

Concen: 190.089 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

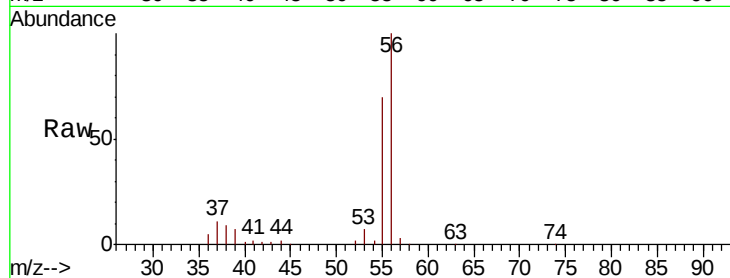
VSTDCCC050EC

Tgt Ion: 56 Resp: 147252

Ion Ratio Lower Upper

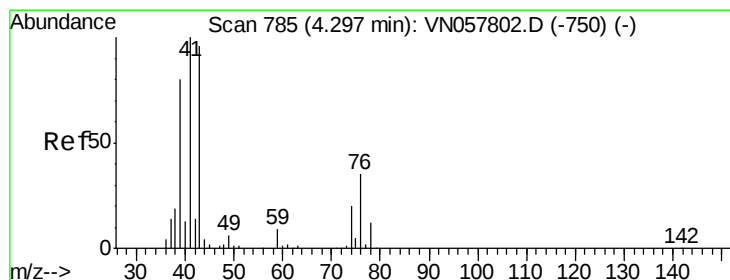
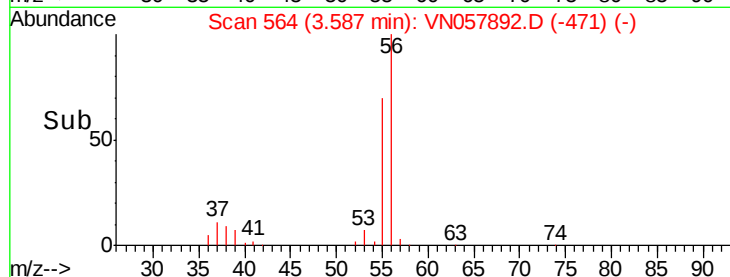
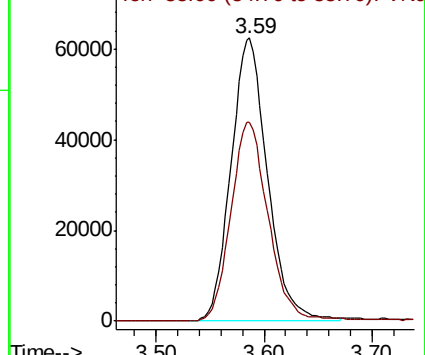
56 100

55 71.4 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 44.543 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

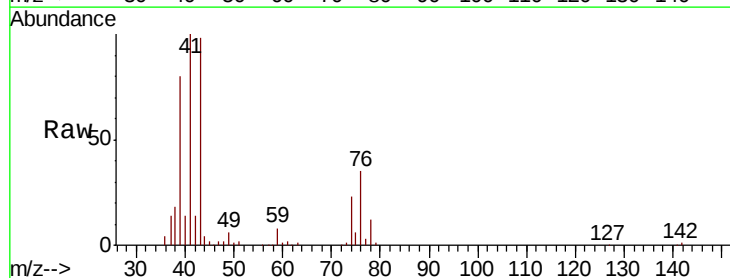
Tgt Ion: 41 Resp: 345728

Ion Ratio Lower Upper

41 100

39 73.6 59.4 89.2

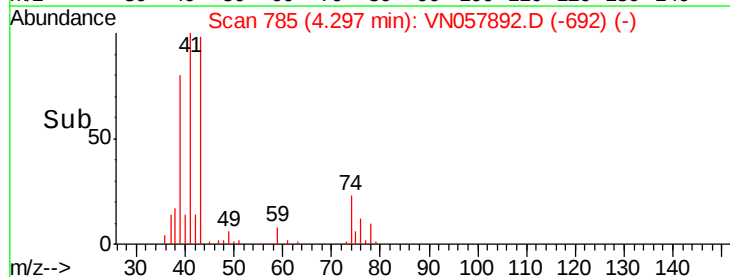
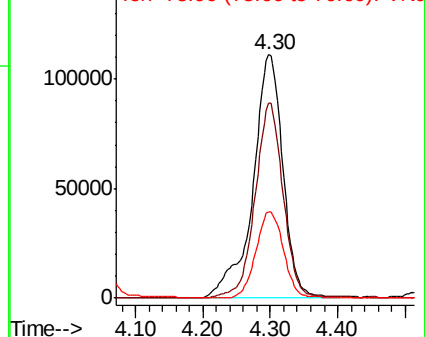
76 32.5 26.0 39.0

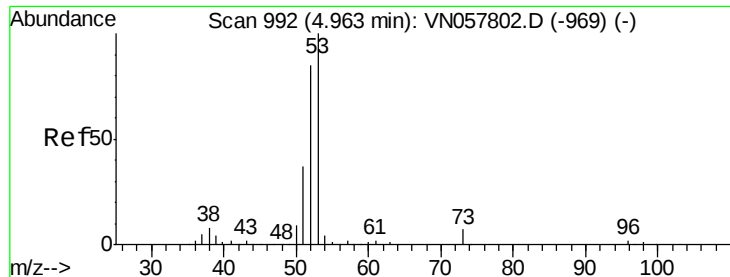


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 235.575 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

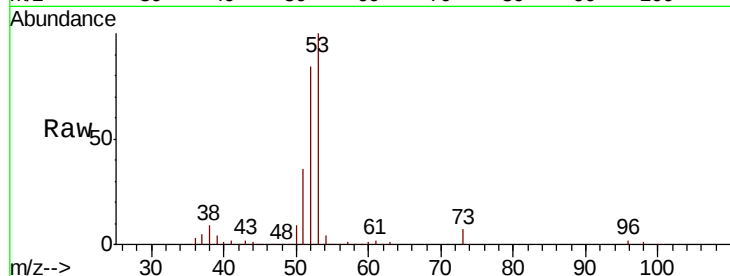
Tgt Ion: 53 Resp: 591214

Ion Ratio Lower Upper

53 100

52 83.4 66.6 100.0

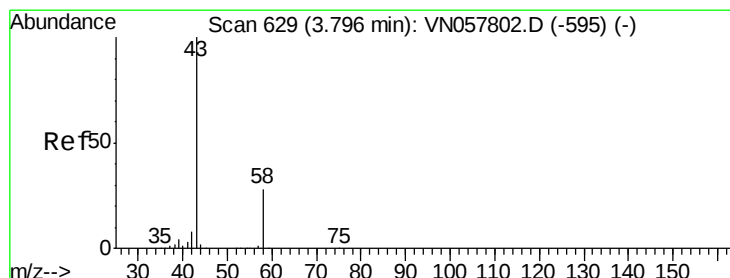
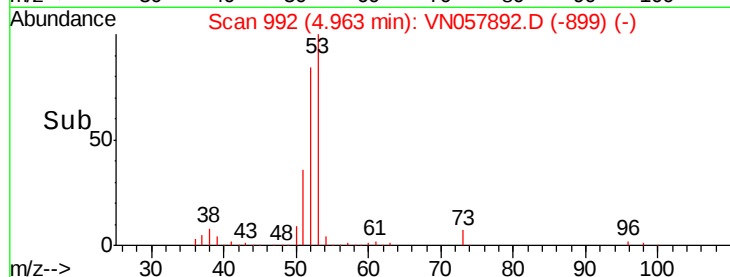
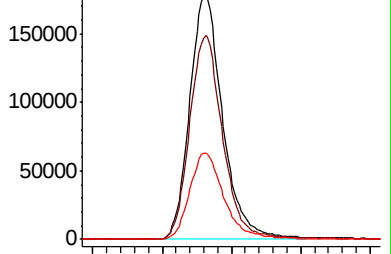
51 36.6 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN057802.D (-969) (-)

Ion 52.00 (51.70 to 52.70): VN057802.D (-969) (-)

Ion 51.00 (50.70 to 51.70): VN057802.D (-969) (-)



#16

Acetone

Concen: 192.097 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057892.D

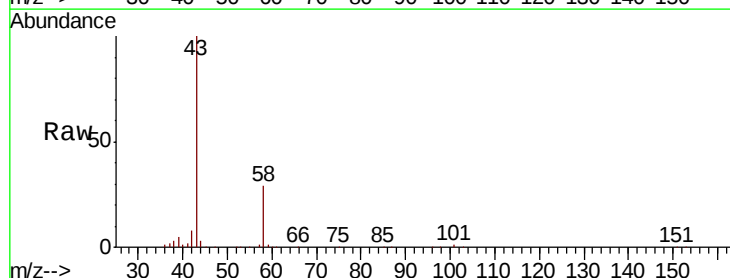
Acq: 11 Sep 2019 2:14

Tgt Ion: 43 Resp: 475071

Ion Ratio Lower Upper

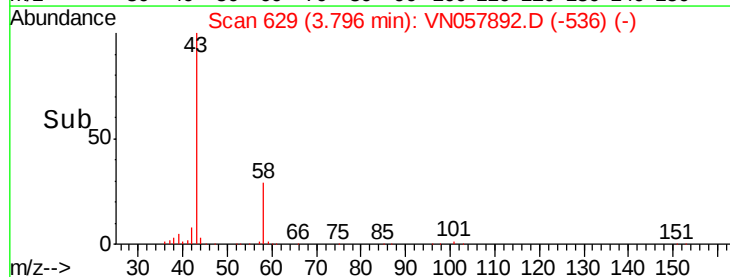
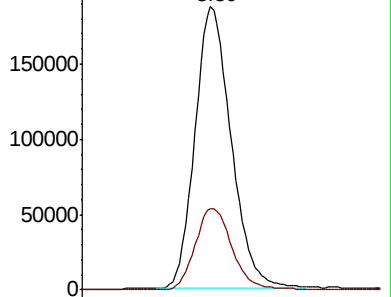
43 100

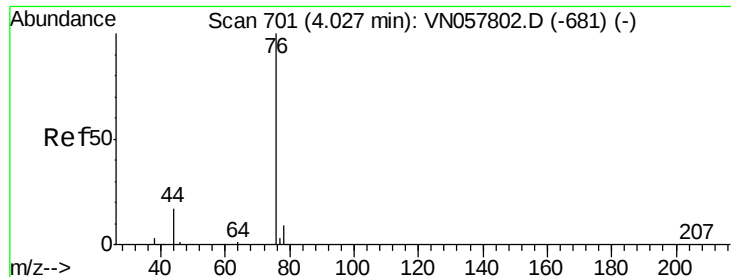
58 28.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

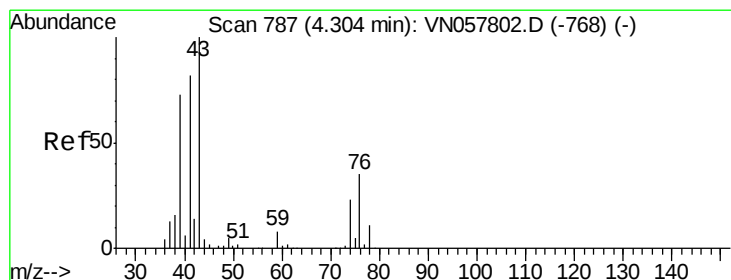
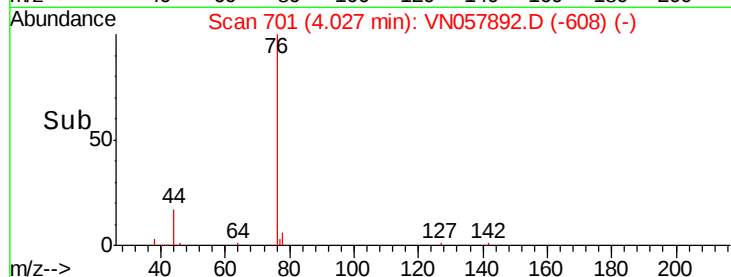
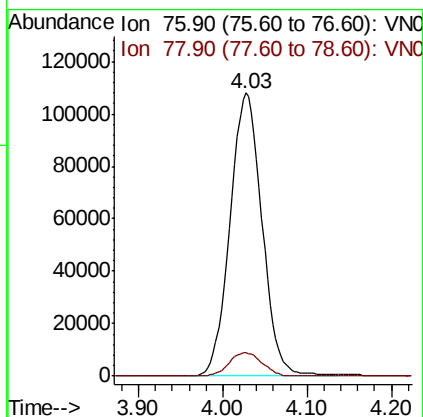
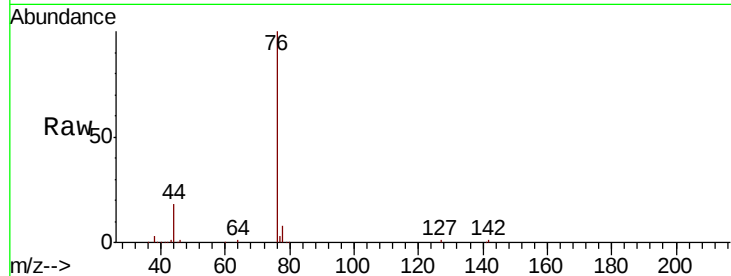




#17
Carbon Disulfide
Concen: 46.180 ug/l
RT: 4.03 min Scan# 701
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

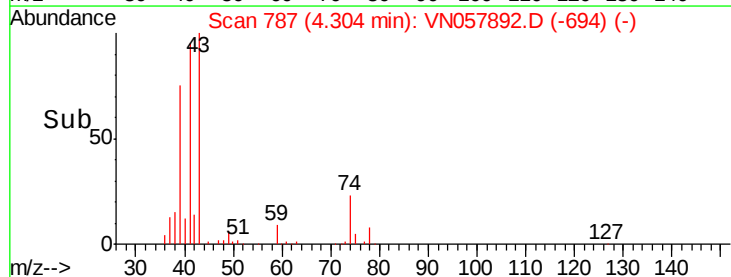
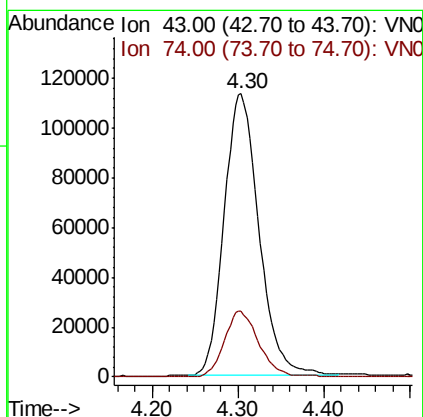
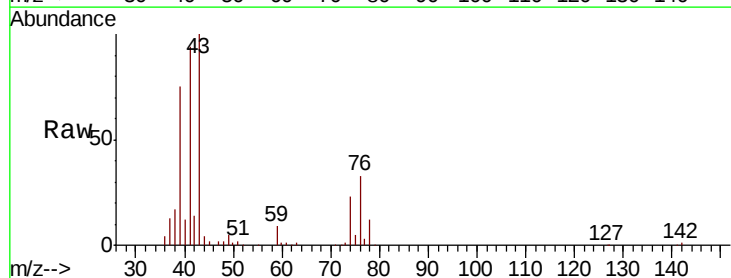
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

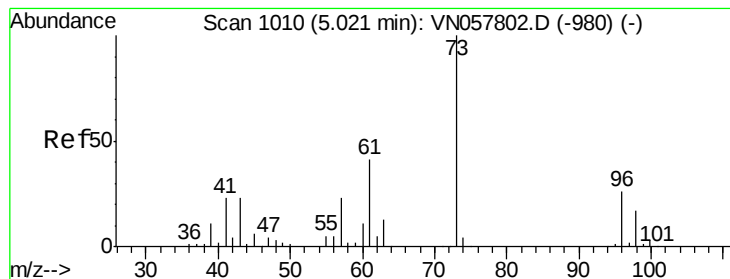
Tgt Ion: 76 Resp: 284990
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



#18
Methyl Acetate
Concen: 48.389 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

Tgt Ion: 43 Resp: 319076
Ion Ratio Lower Upper
43 100
74 22.9 17.9 26.9



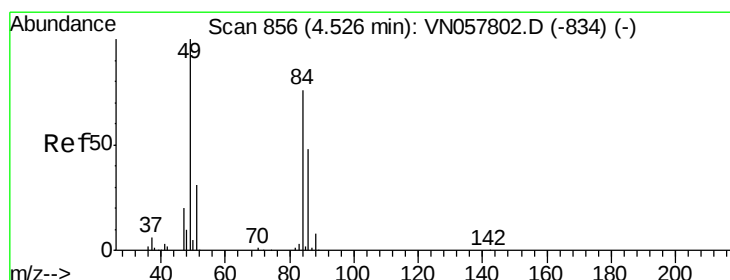
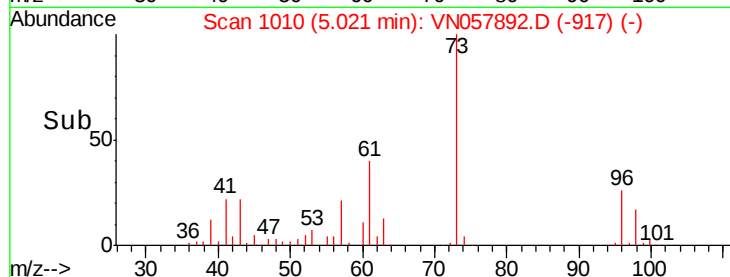
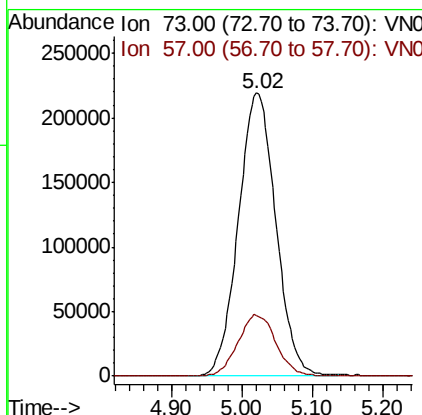
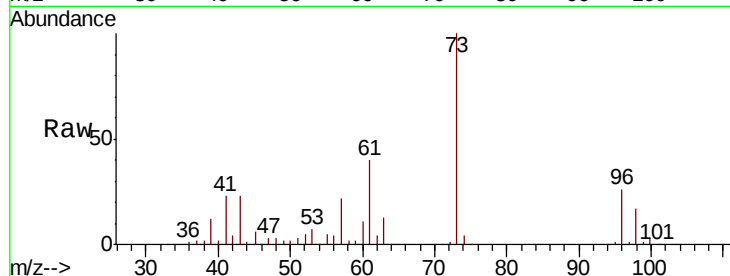


#19

Methyl tert-butyl Ether
 Concen: 49.160 ug/l
 RT: 5.02 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

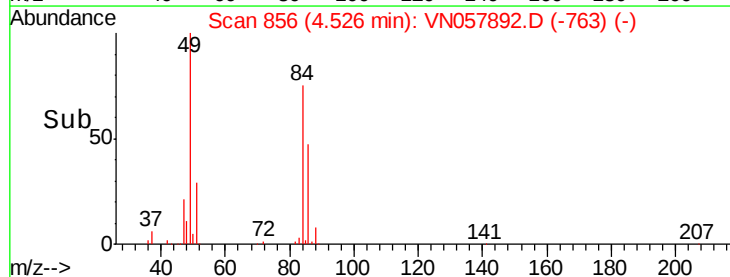
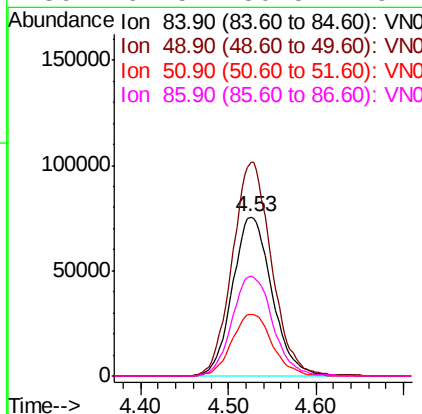
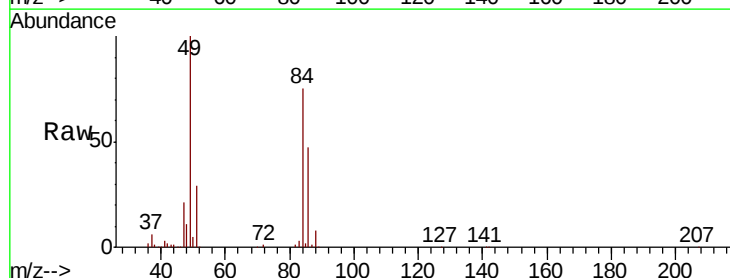
Tgt Ion: 73 Resp: 811413
 Ion Ratio Lower Upper
 73 100
 57 21.6 18.2 27.2

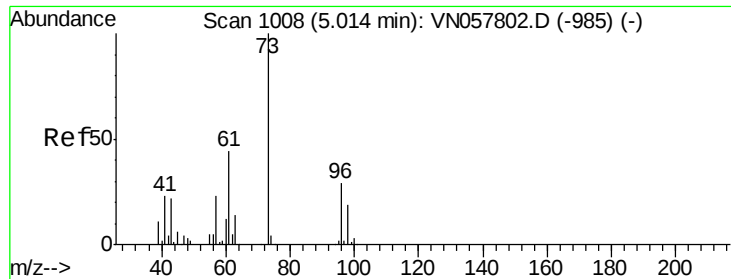


#20

Methylene Chloride
 Concen: 50.245 ug/l
 RT: 4.53 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion: 84 Resp: 236529
 Ion Ratio Lower Upper
 84 100
 49 134.1 104.8 157.2
 51 38.7 33.0 49.4
 86 62.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 45.185 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

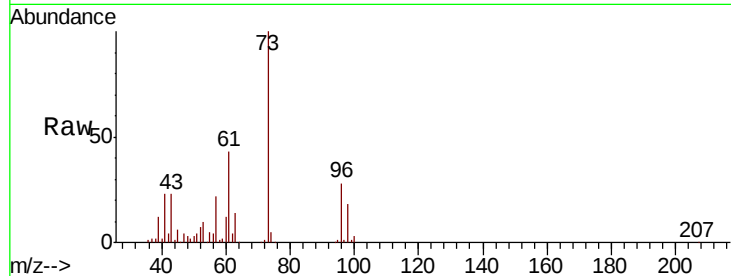
Tgt Ion: 96 Resp: 193728

Ion Ratio Lower Upper

96 100

61 150.3 121.9 182.9

98 64.0 52.2 78.4

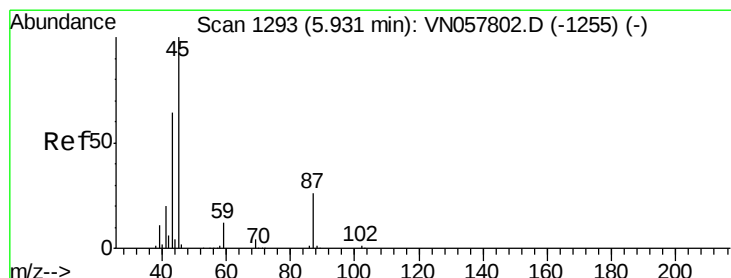
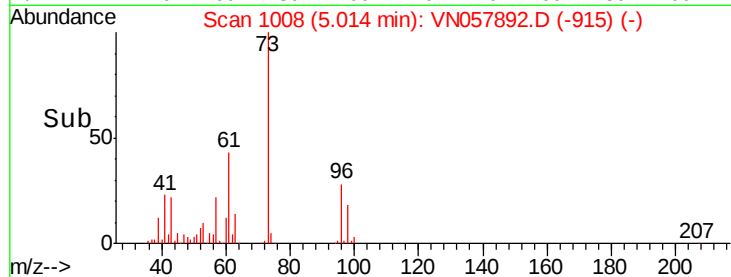
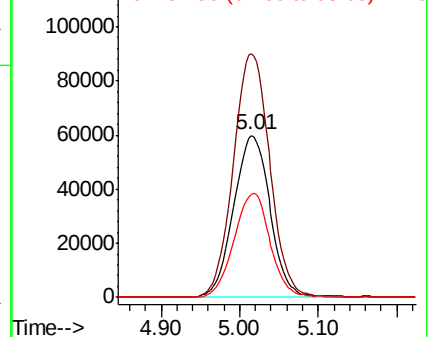


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.709 ug/l

RT: 5.93 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Tgt Ion: 45 Resp: 886611

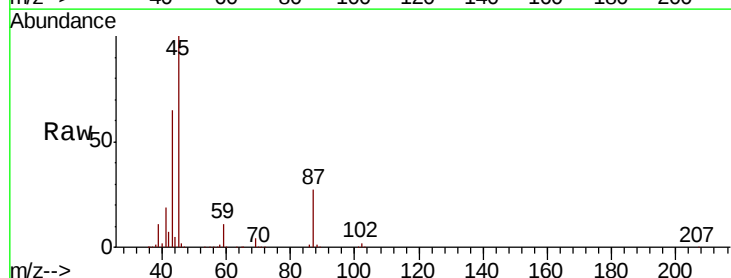
Ion Ratio Lower Upper

45 100

43 64.5 51.4 77.2

87 26.5 21.3 31.9

59 11.3 9.3 13.9



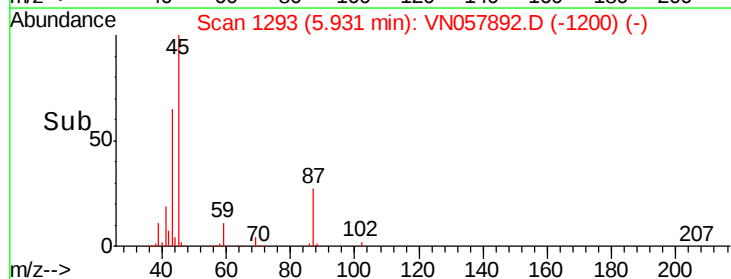
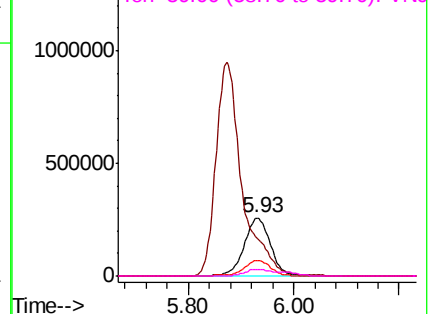
Abundance

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: 252.462 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

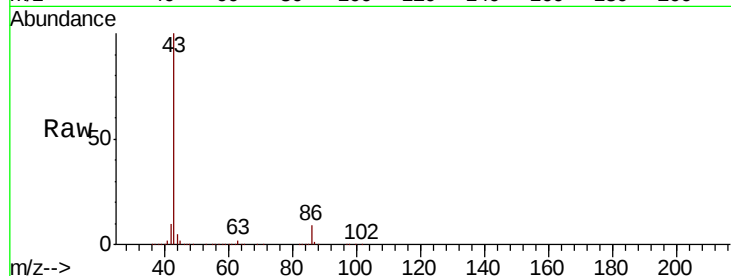
VSTDCCC050EC

Tgt Ion: 43 Resp: 3256707

Ion Ratio Lower Upper

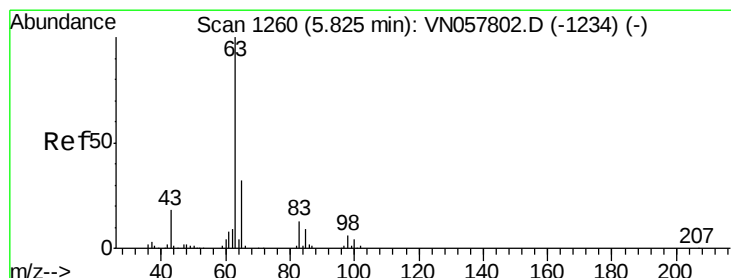
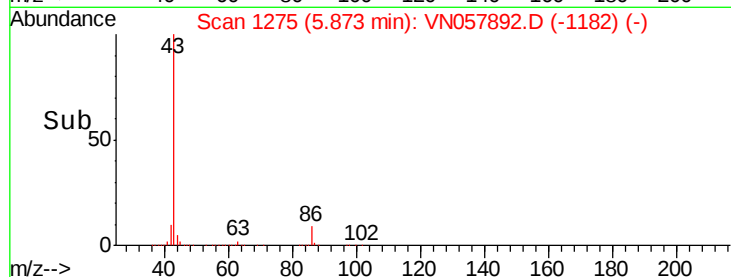
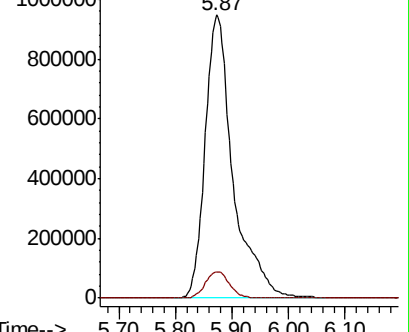
43 100

86 9.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1250) (-)

Ion 86.00 (85.70 to 86.70): VN057802.D (-1250) (-)



#24

1,1-Dichloroethane

Concen: 47.177 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

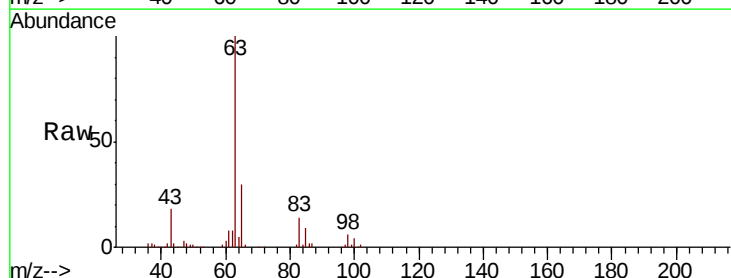
Tgt Ion: 63 Resp: 469314

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

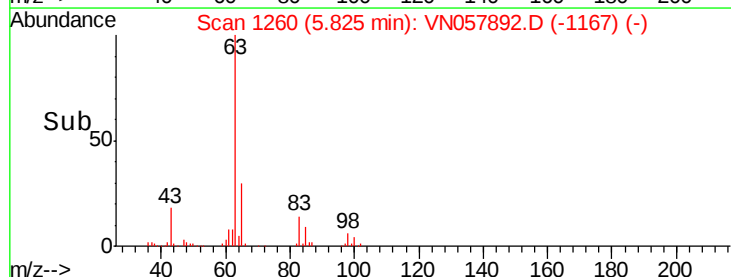
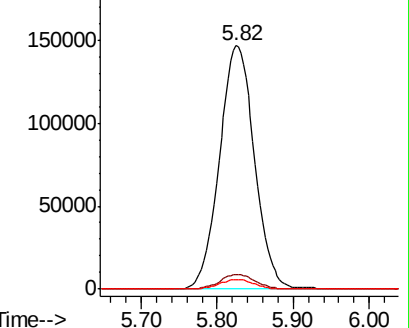
100 4.0 2.0 5.8

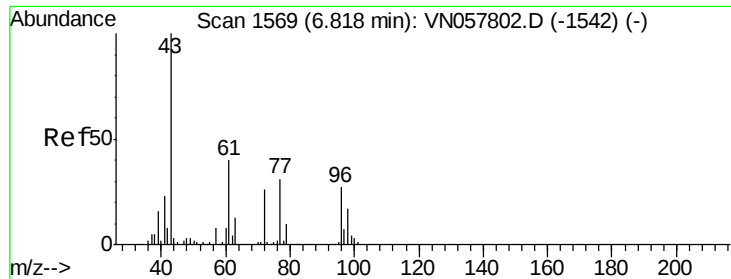


Abundance Ion 62.90 (62.60 to 63.60): VN057802.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN057802.D (-1234) (-)

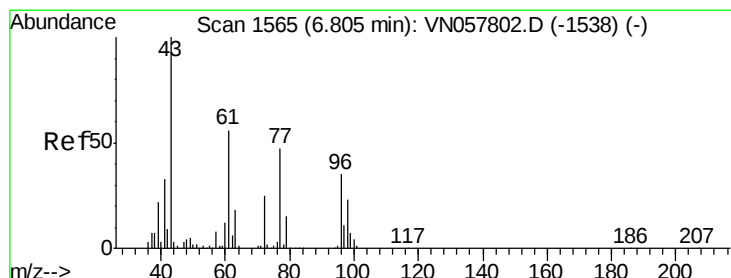
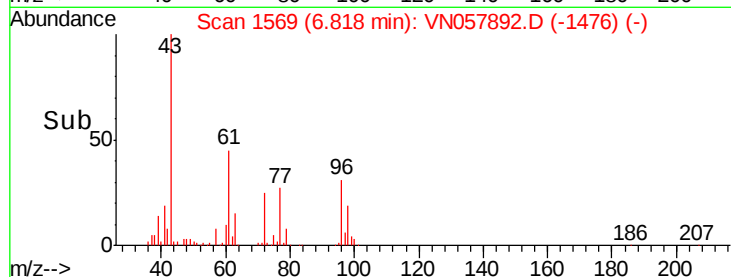
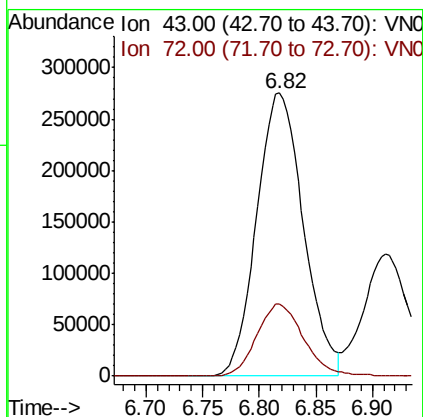
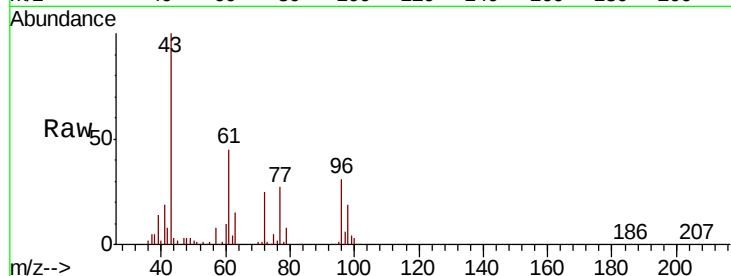




#25
 2-Butanone
 Concen: 219.800 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

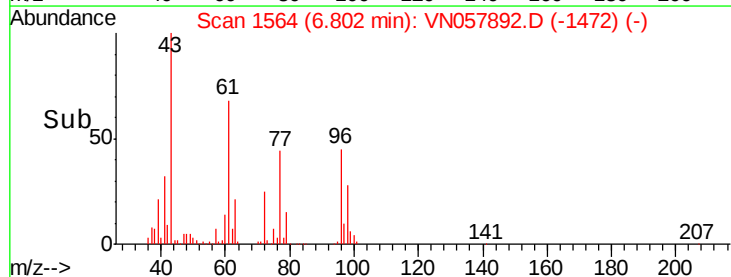
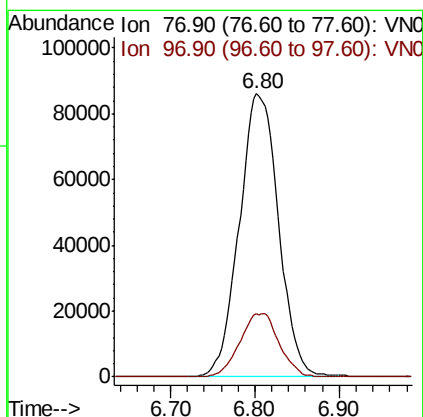
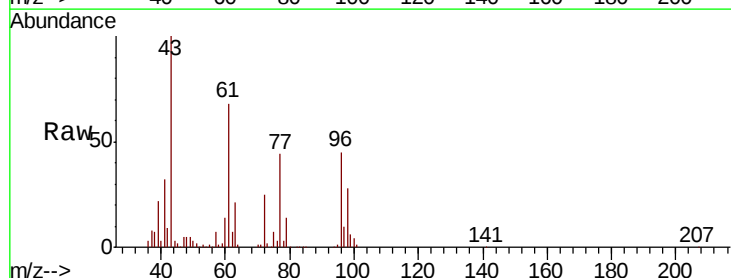
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

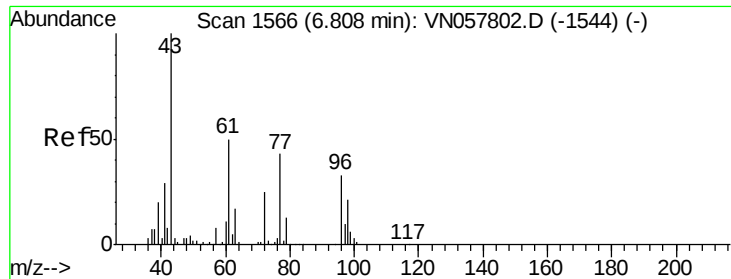
Tgt Ion: 43 Resp: 786758
 Ion Ratio Lower Upper
 43 100
 72 25.4 20.6 30.8



#26
 2,2-Dichloropropane
 Concen: 35.361 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion: 77 Resp: 278381
 Ion Ratio Lower Upper
 77 100
 97 22.3 11.1 33.3

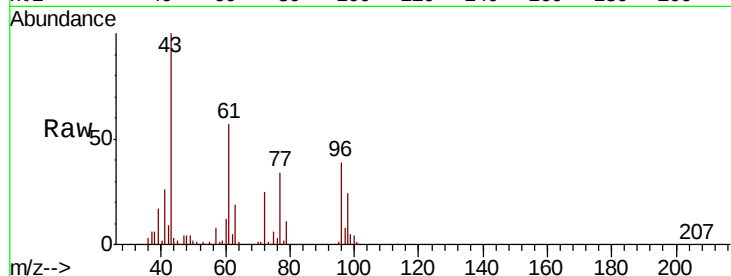




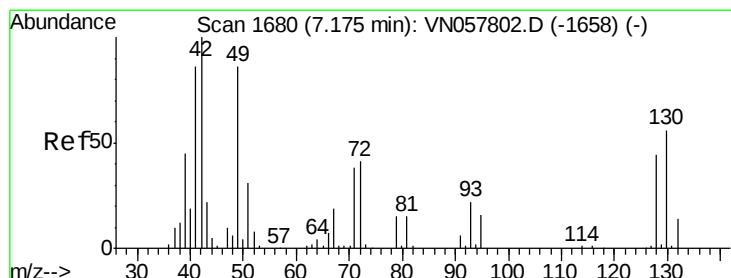
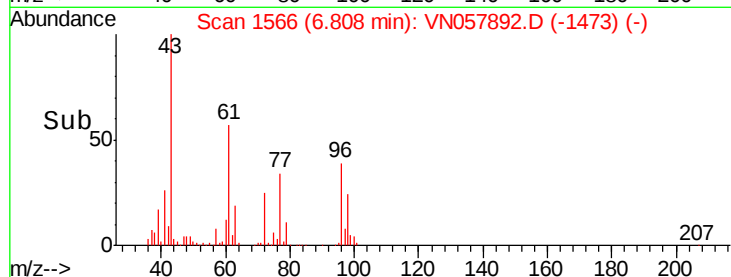
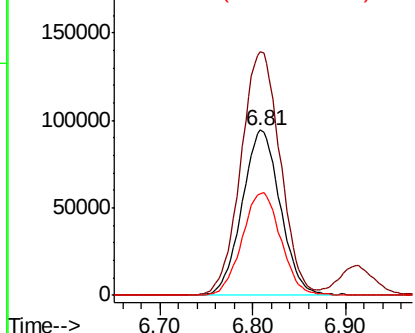
#27
 cis-1,2-Dichloroethene
 Concen: 47.066 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 270427
 Ion Ratio Lower Upper
 96 100
 61 151.8 0.0 314.0
 98 62.9 0.0 128.6

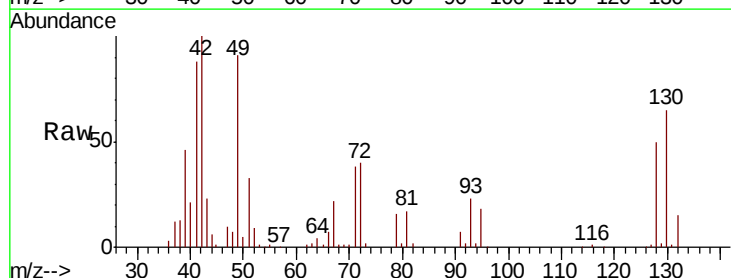


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

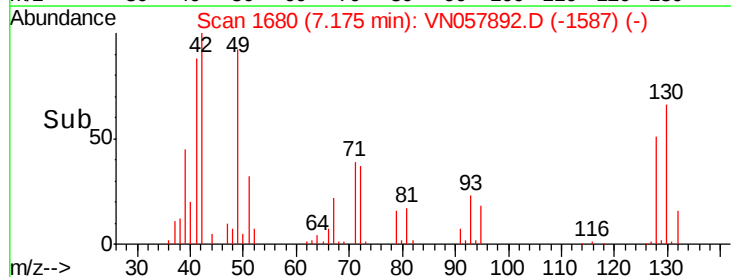
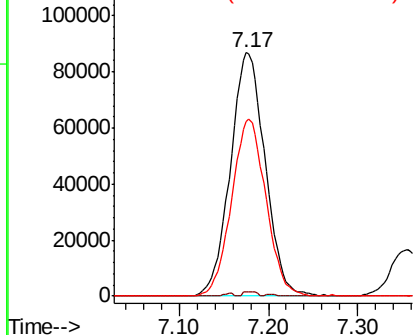


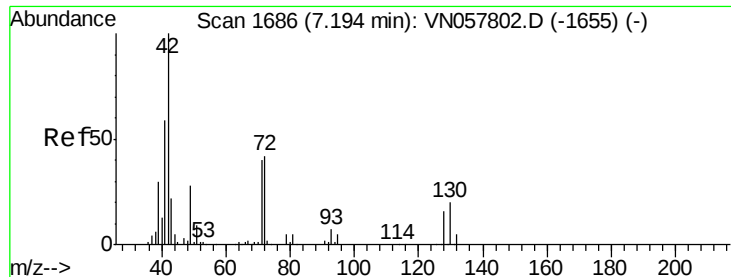
#28
 Bromochloromethane
 Concen: 47.328 ug/l
 RT: 7.17 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion: 49 Resp: 235215
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.8
 130 71.9 53.0 79.6



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 228.892 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

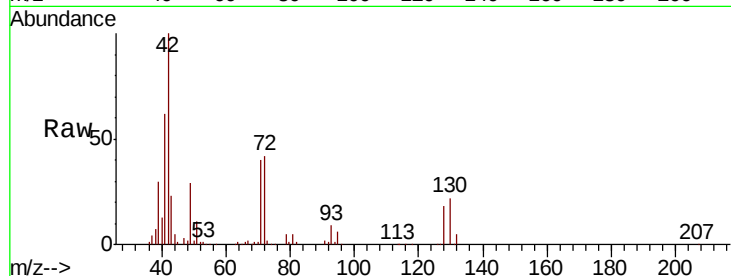
Tgt Ion: 42 Resp: 504857

Ion Ratio Lower Upper

42 100

72 42.5 33.7 50.5

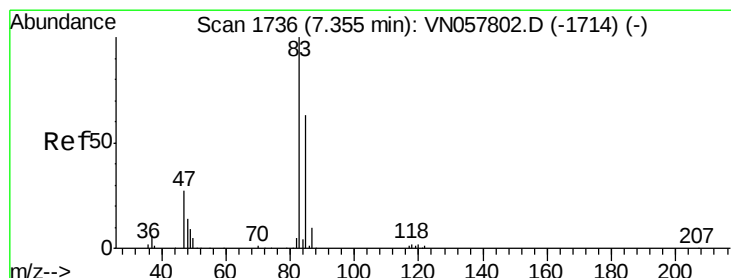
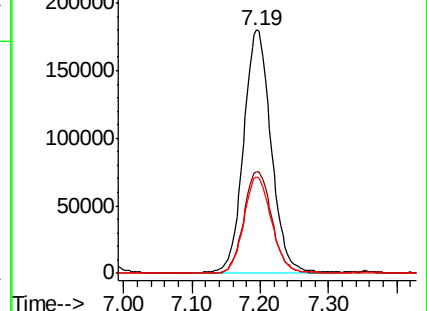
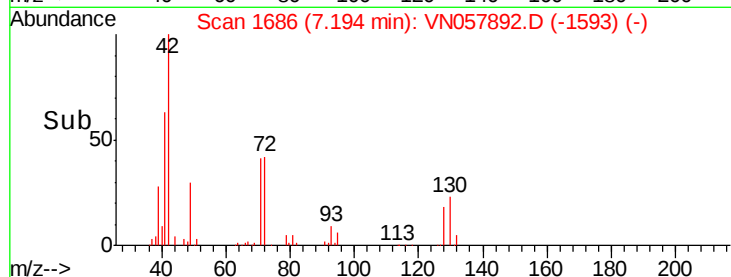
71 40.1 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VN057892.D (-1655) (-)

Ion 72.00 (71.70 to 72.70): VN057892.D (-1655) (-)

Ion 71.00 (70.70 to 71.70): VN057892.D (-1655) (-)



#30

Chloroform

Concen: 46.834 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057892.D

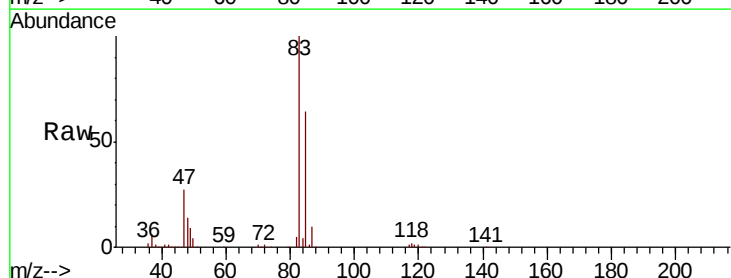
Acq: 11 Sep 2019 2:14

Tgt Ion: 83 Resp: 487139

Ion Ratio Lower Upper

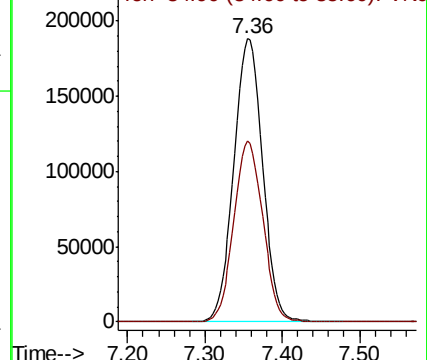
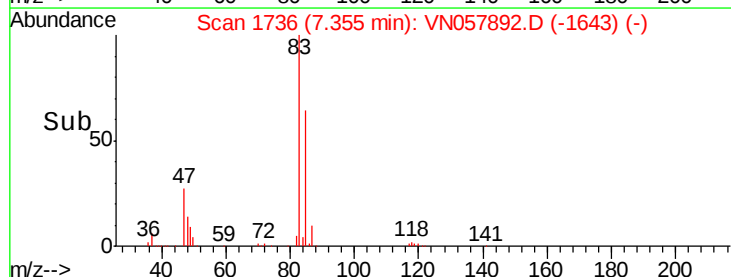
83 100

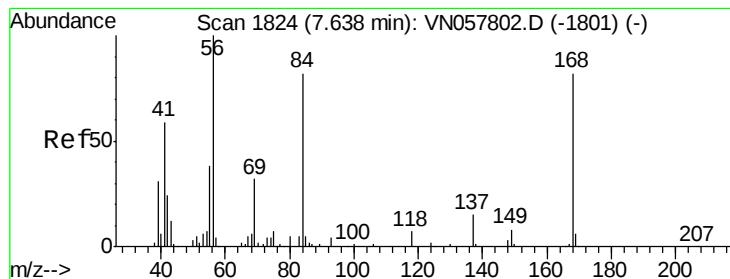
85 64.1 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN057892.D (-1643) (-)

Ion 84.90 (84.60 to 85.60): VN057892.D (-1643) (-)





#31

Cyclohexane

Concen: 48.823 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

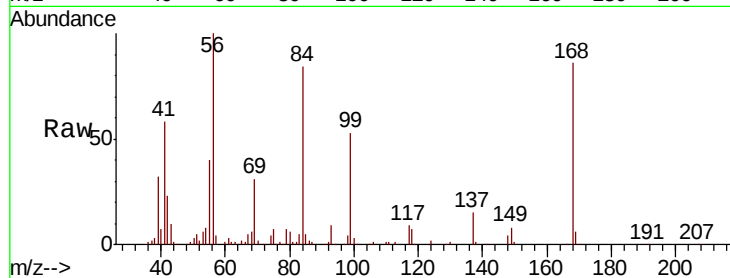
Tgt Ion: 56 Resp: 331330

Ion Ratio Lower Upper

56 100

69 31.0 25.9 38.9

84 82.2 65.6 98.4

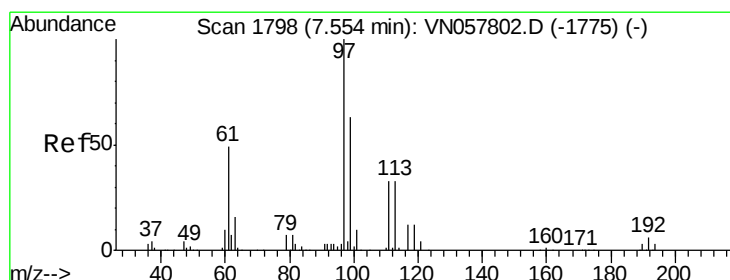
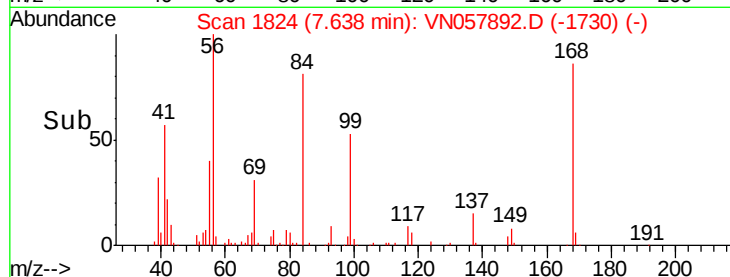
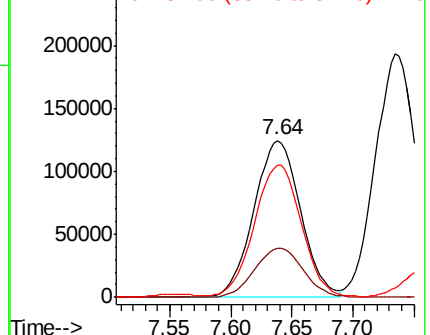


Abundance

Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 48.048 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

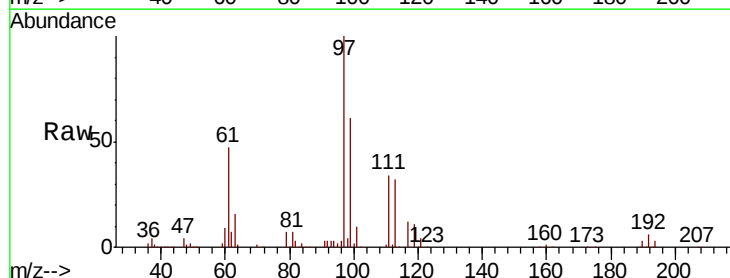
Tgt Ion: 97 Resp: 396365

Ion Ratio Lower Upper

97 100

99 62.7 51.0 76.4

61 47.8 39.0 58.6

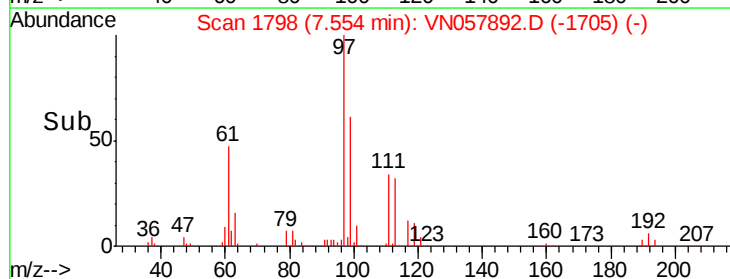
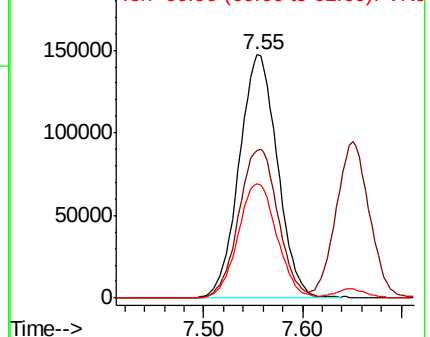


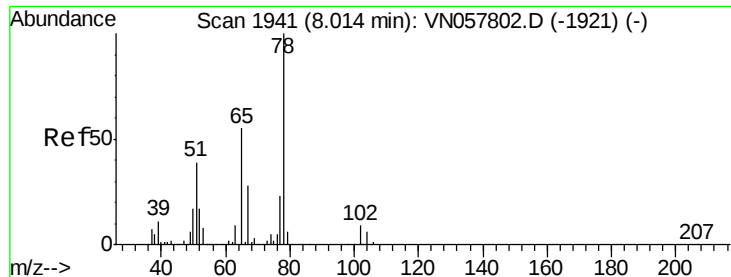
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

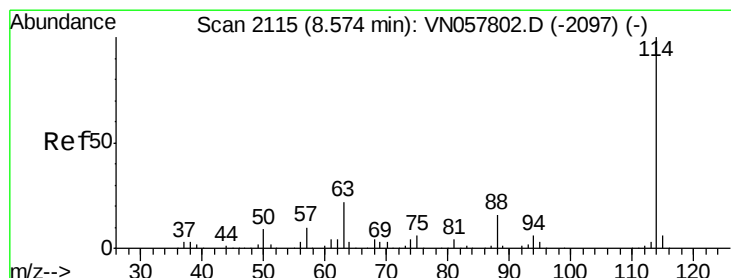
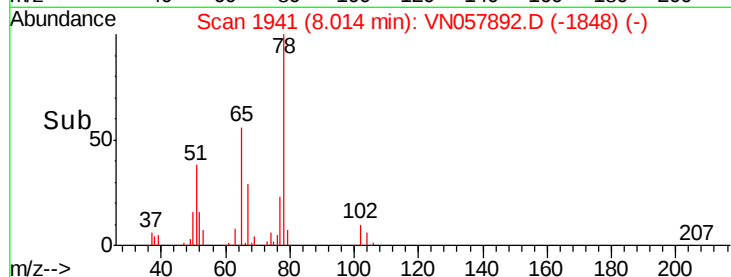
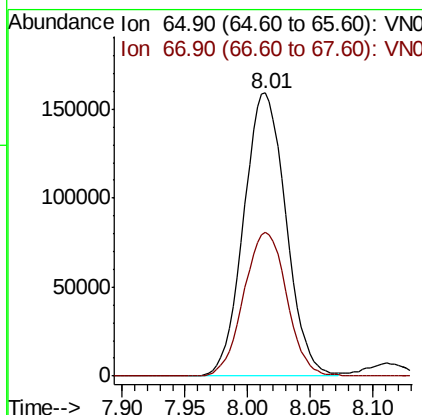
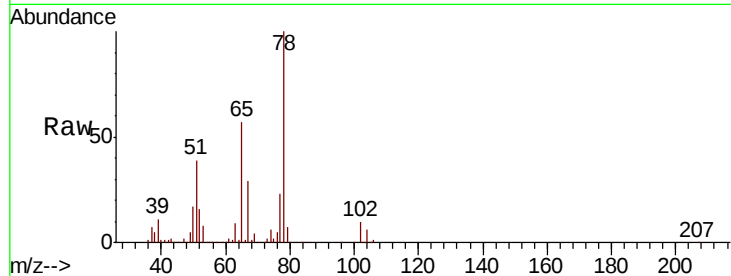




#33
 1,2-Dichloroethane-d4
 Concen: 49.473 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

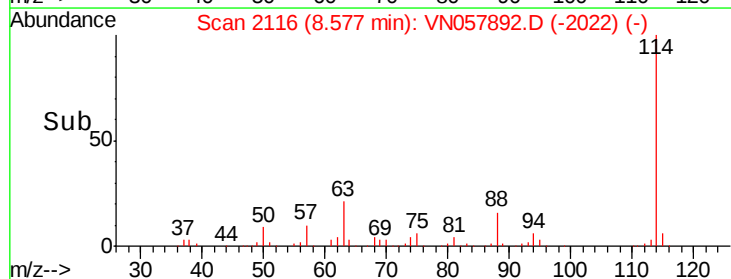
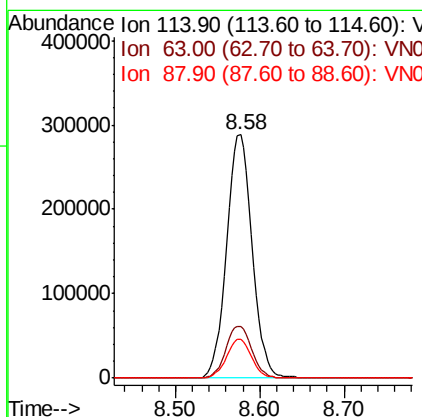
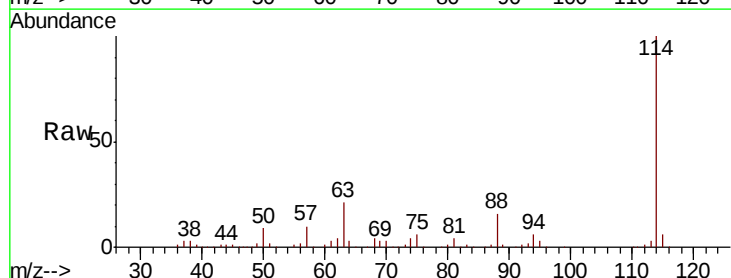
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

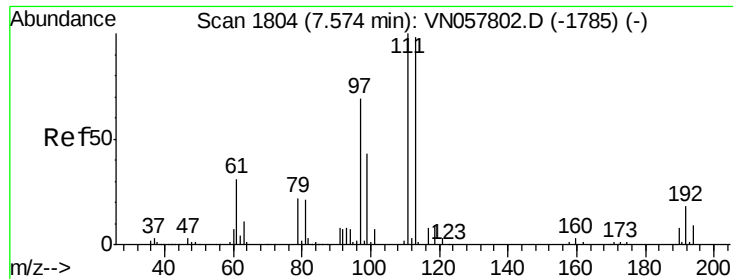
Tgt Ion: 65 Resp: 373230
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion: 114 Resp: 606449
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 44.0
 88 15.9 0.0 31.4

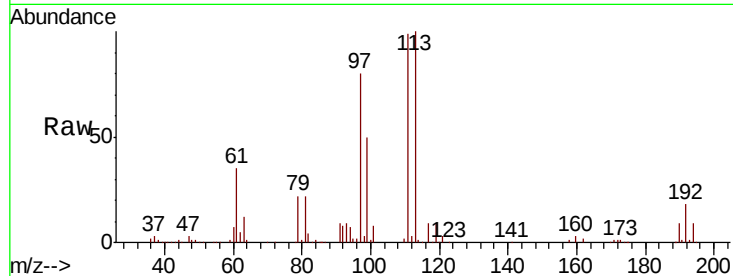




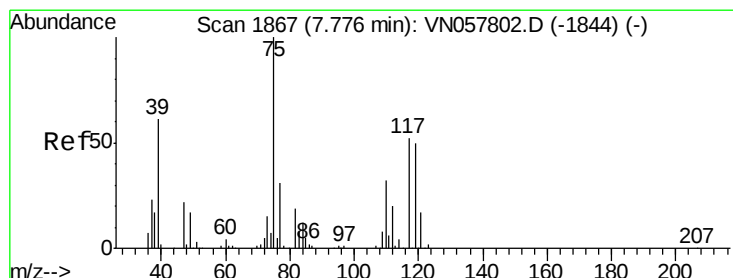
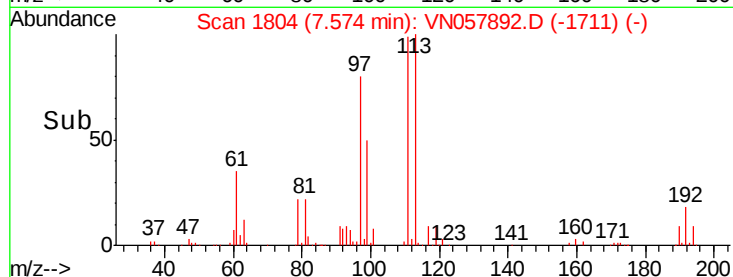
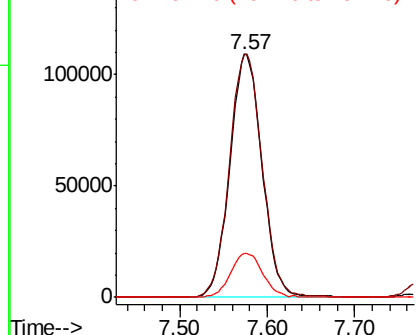
#35
 Dibromofluoromethane
 Concen: 49.627 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 277774
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.3 121.9
 192 18.1 14.6 22.0

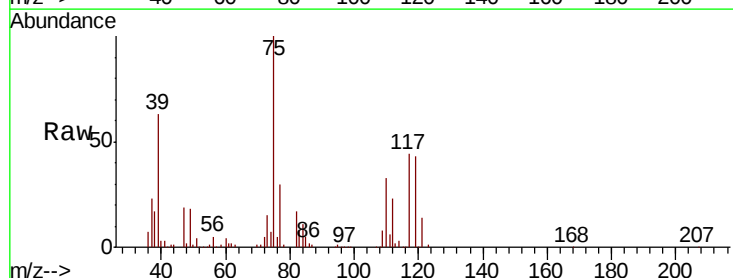


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

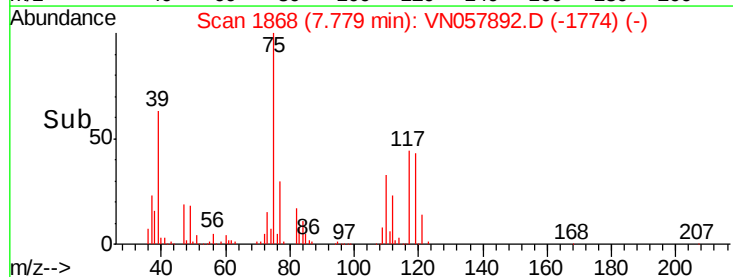
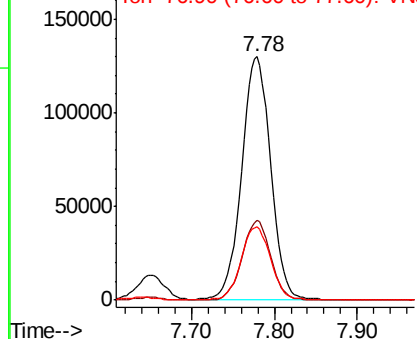


#36
 1,1-Dichloropropene
 Concen: 44.953 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion: 75 Resp: 316165
 Ion Ratio Lower Upper
 75 100
 110 32.2 16.3 48.9
 77 30.9 25.0 37.4



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

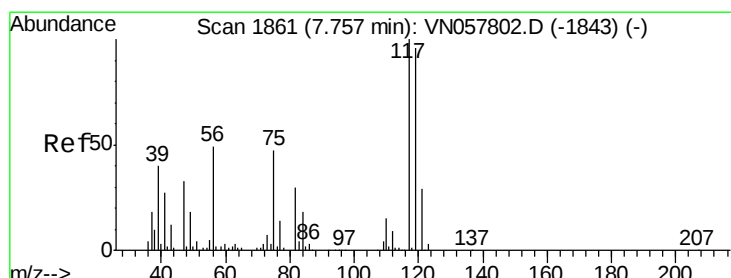
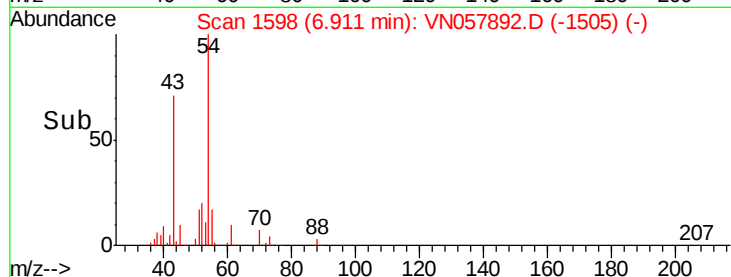
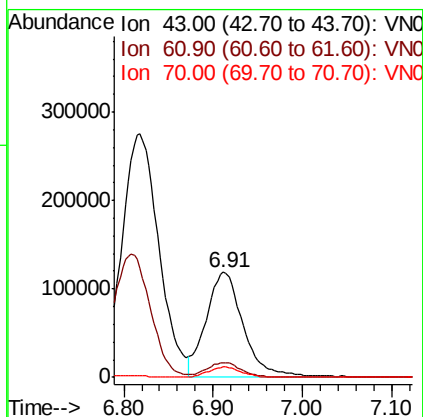
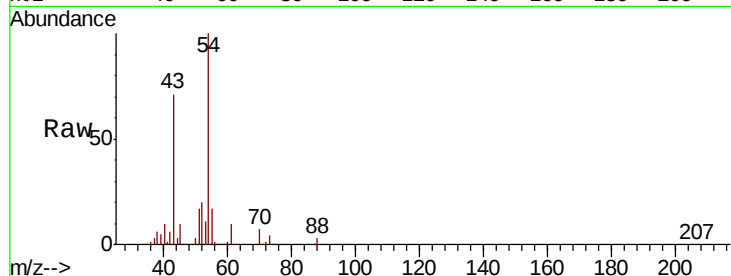




#37
Ethyl Acetate
Concen: 46.360 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

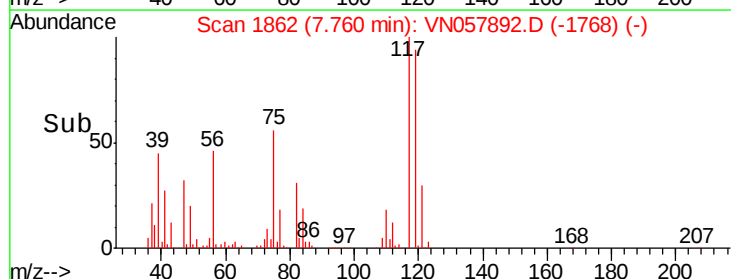
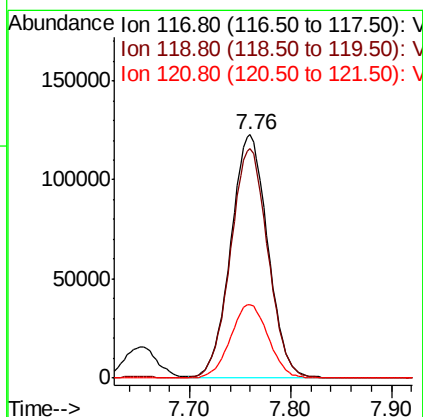
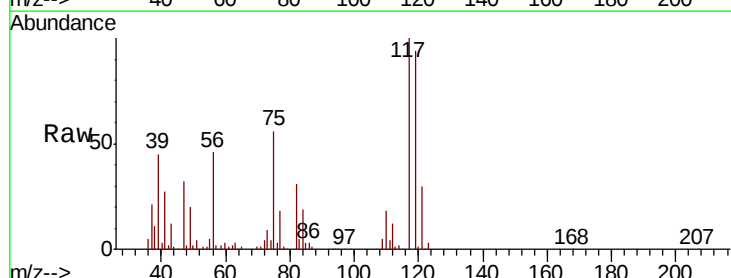
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

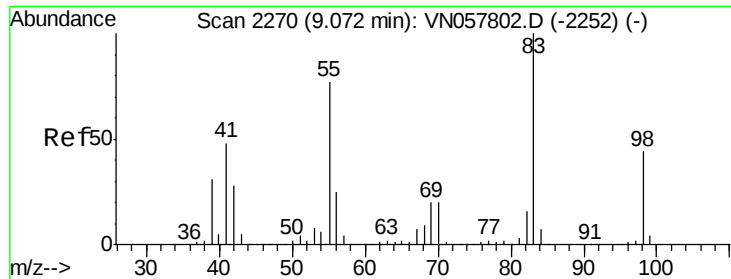
Tgt Ion: 43 Resp: 336878
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.0 7.4 11.0



#38
Carbon Tetrachloride
Concen: 48.772 ug/l
RT: 7.76 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

Tgt Ion: 117 Resp: 313177
Ion Ratio Lower Upper
117 100
119 94.0 76.9 115.3
121 30.2 23.4 35.2

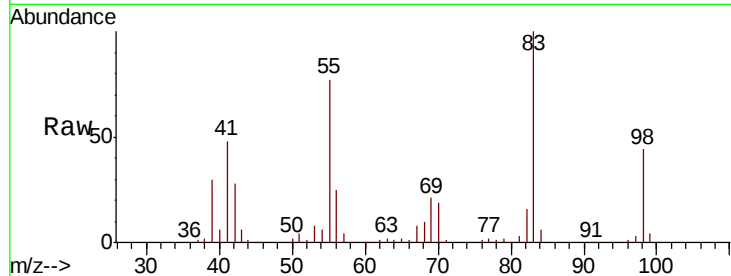




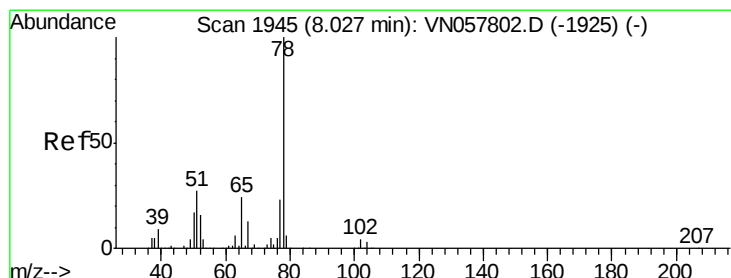
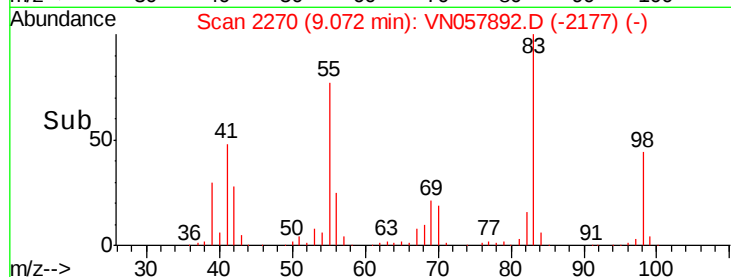
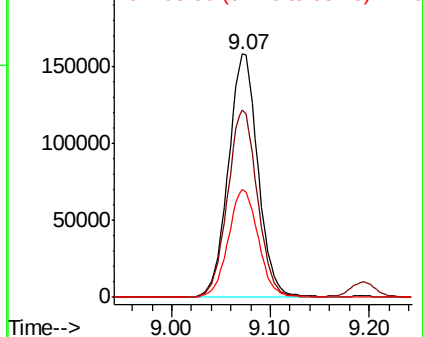
#39
Methylcyclohexane
Concen: 44.739 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 330780
Ion Ratio Lower Upper
83 100
55 77.2 61.6 92.4
98 44.5 34.9 52.3

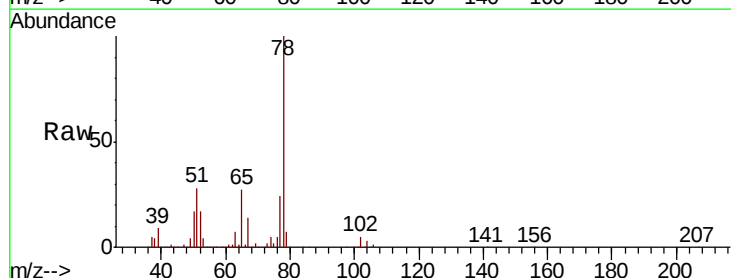


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

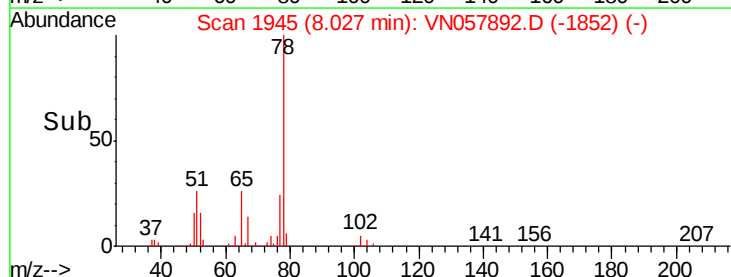
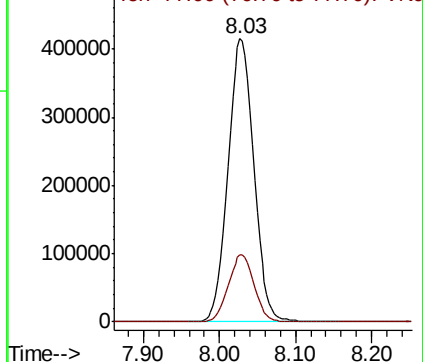


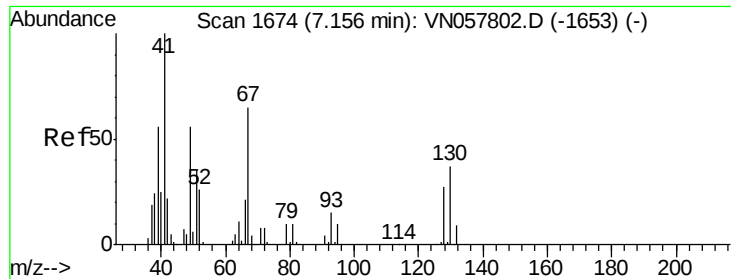
#40
Benzene
Concen: 46.414 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

Tgt Ion: 78 Resp: 982803
Ion Ratio Lower Upper
78 100
77 23.8 18.3 27.5



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





#41

Methacrylonitrile

Concen: 51.554 ug/l

RT: 7.16 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 170052

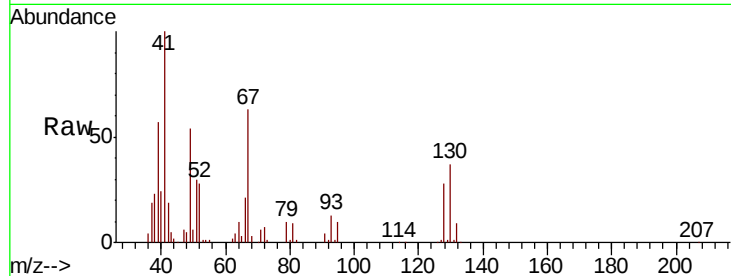
Ion Ratio Lower Upper

41 100

39 57.5 51.0 76.6

67 79.5 70.7 106.1

52 34.4 30.8 46.2

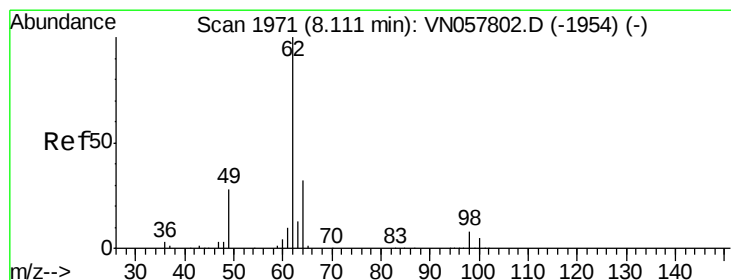
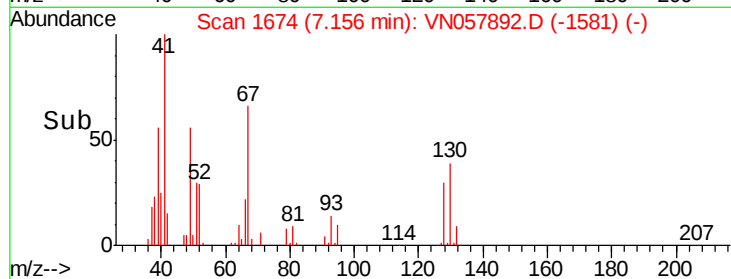
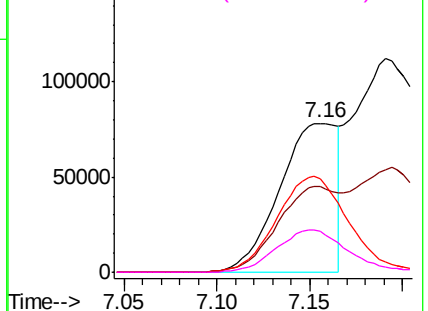


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 47.039 ug/l

RT: 8.11 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VN057892.D

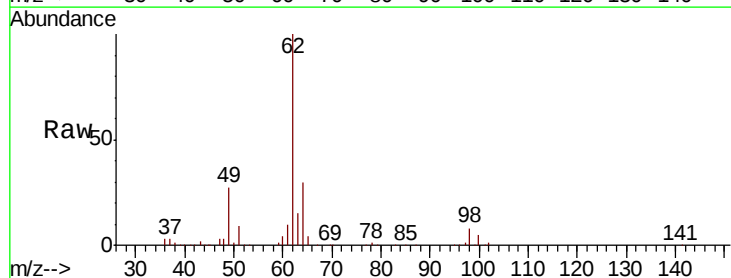
Acq: 11 Sep 2019 2:14

Tgt Ion: 62 Resp: 398345

Ion Ratio Lower Upper

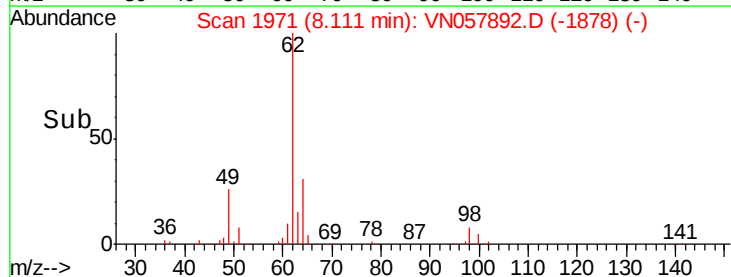
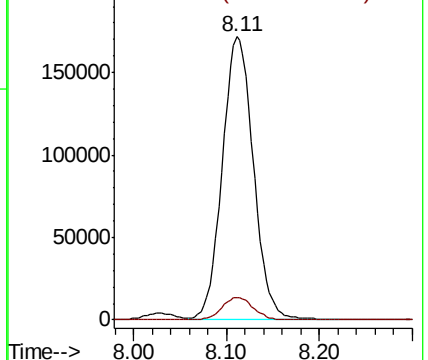
62 100

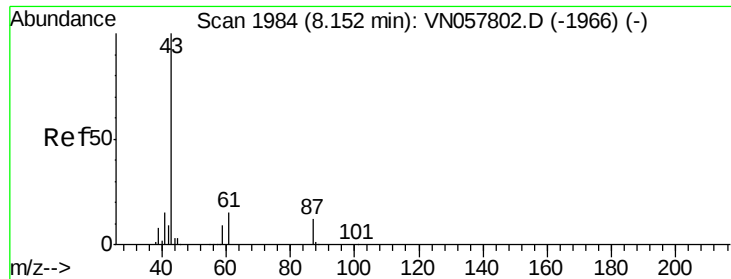
98 8.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

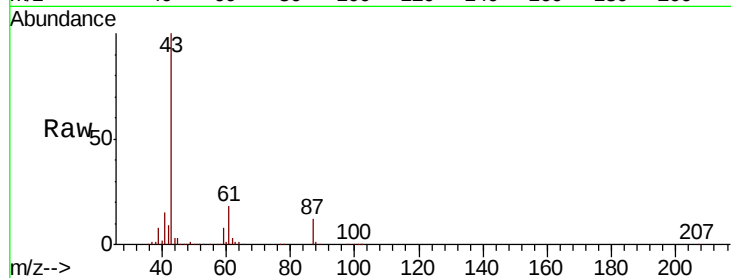




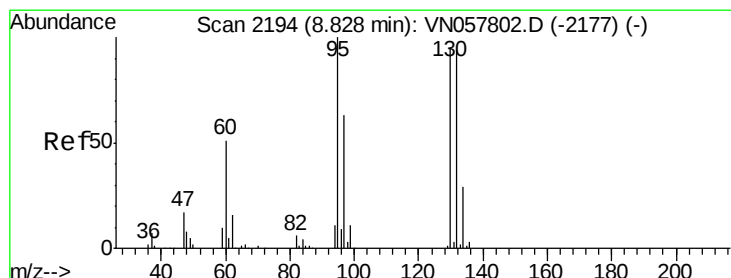
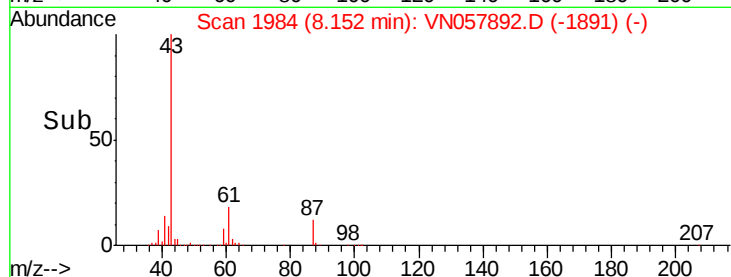
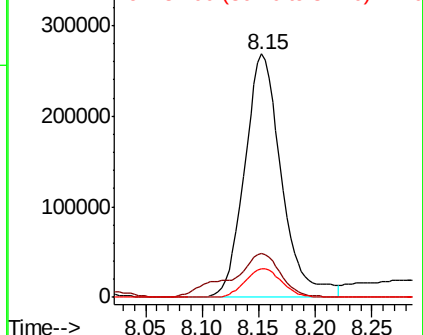
#43
Isopropyl Acetate
Concen: 49.561 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 605638
Ion Ratio Lower Upper
43 100
61 24.1 20.1 30.1
87 11.8 9.5 14.3

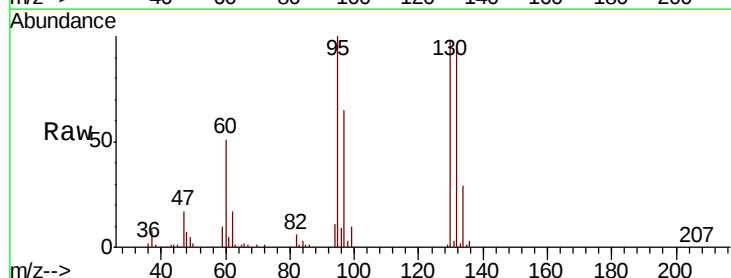


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

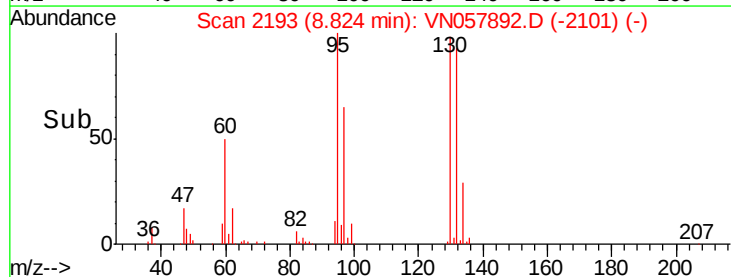
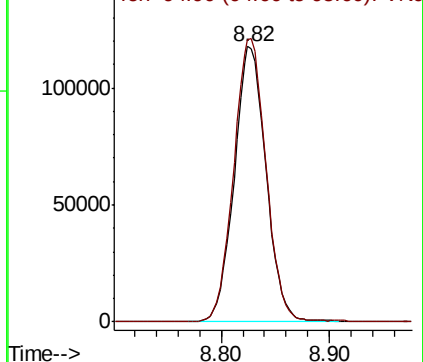


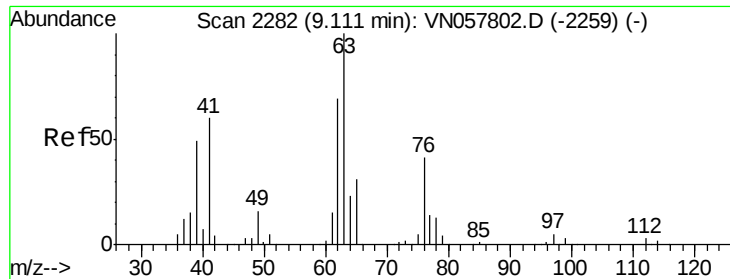
#44
Trichloroethene
Concen: 46.560 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

Tgt Ion: 130 Resp: 241812
Ion Ratio Lower Upper
130 100
95 102.5 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

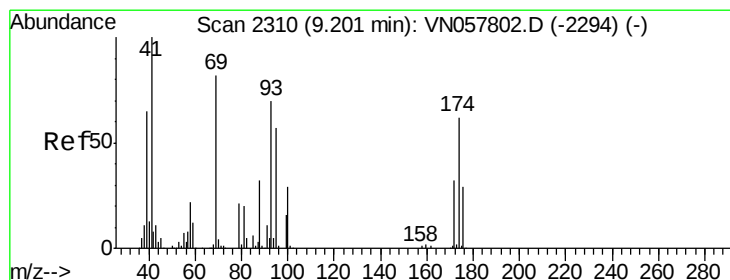
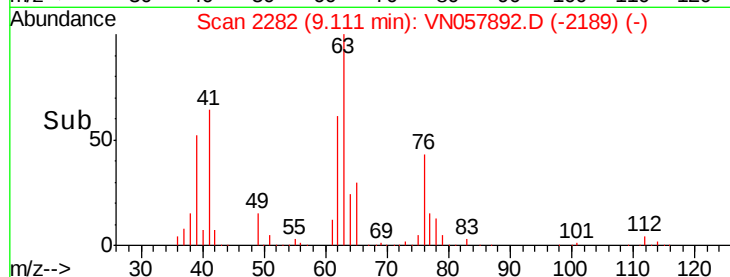
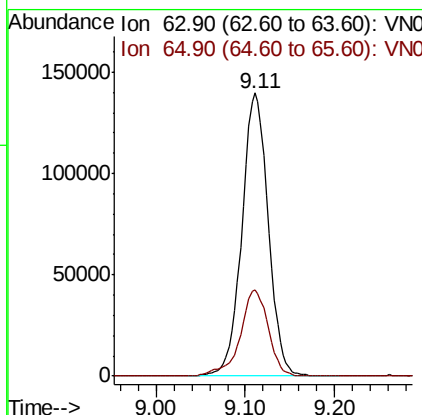
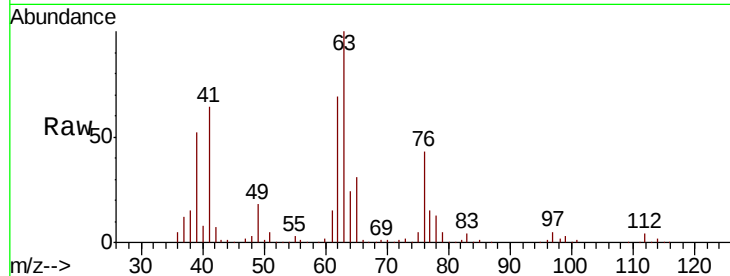




#45
 1,2-Dichloropropane
 Concen: 46.641 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

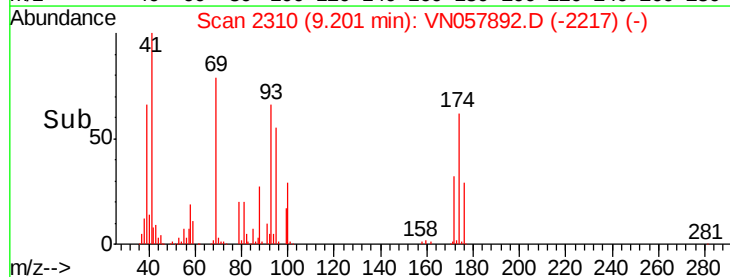
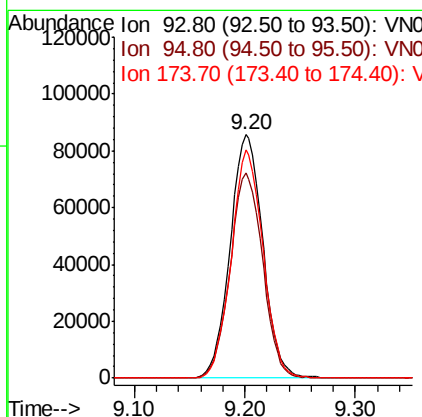
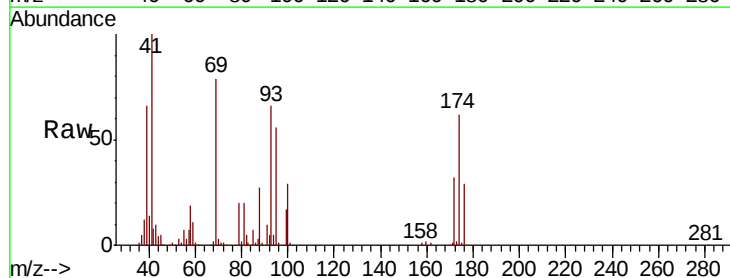
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

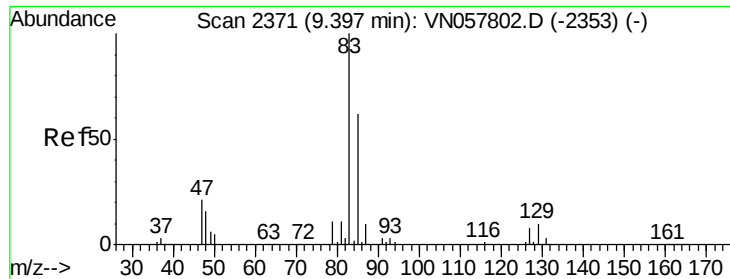
Tgt Ion: 63 Resp: 287377
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2



#46
 Dibromomethane
 Concen: 47.308 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion: 93 Resp: 176141
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.9 98.9
 174 91.1 71.8 107.6

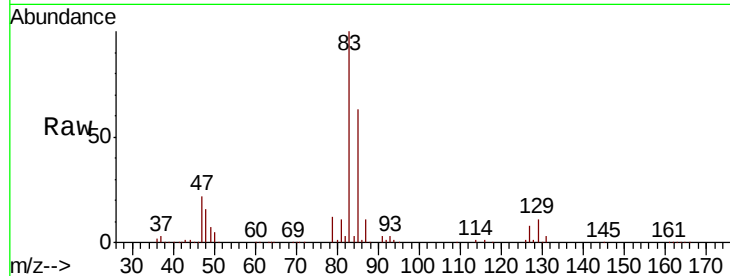




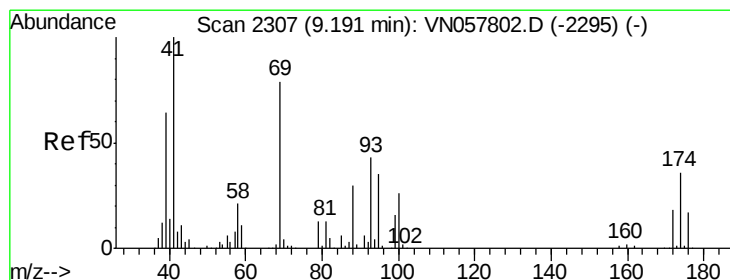
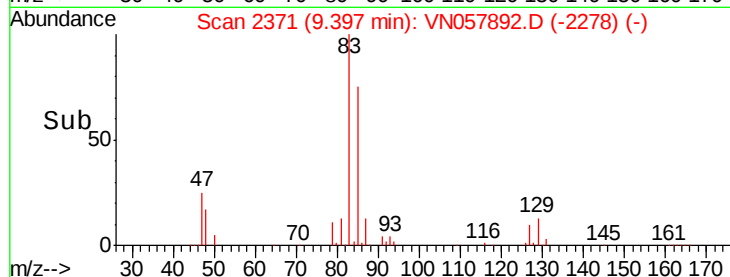
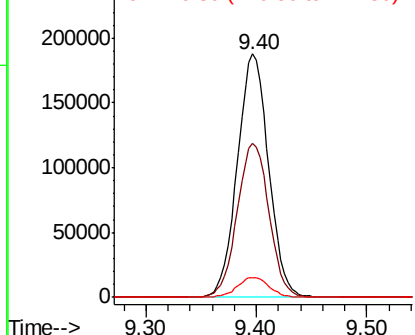
#47
 Bromodichloromethane
 Concen: 49.591 ug/l
 RT: 9.40 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 368706
 Ion Ratio Lower Upper
 83 100
 85 63.5 49.9 74.9
 127 8.2 6.5 9.7

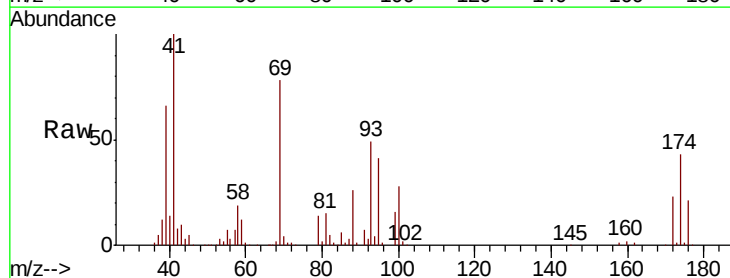


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): VN0

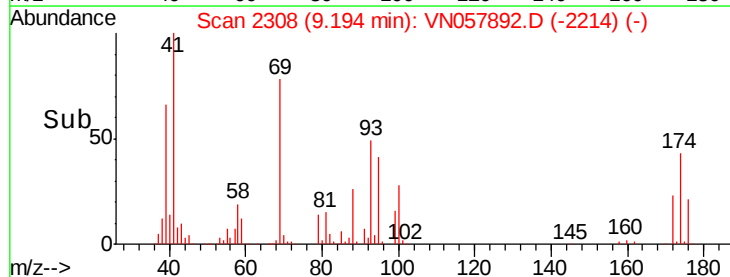
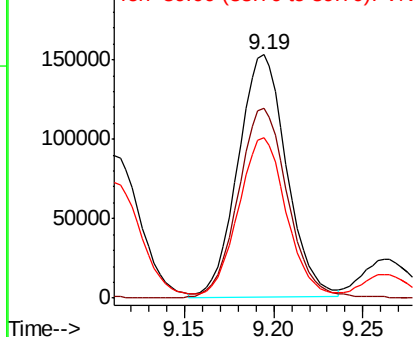


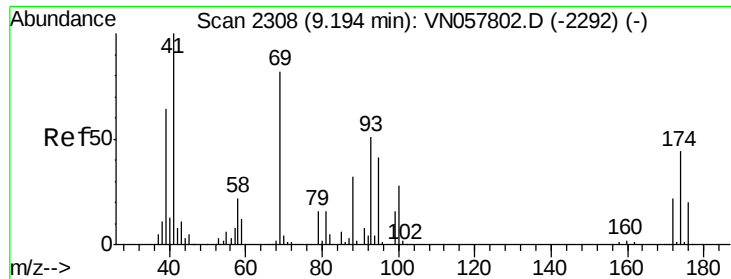
#48
 Methyl methacrylate
 Concen: 46.762 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion: 41 Resp: 289871
 Ion Ratio Lower Upper
 41 100
 69 79.9 62.7 94.1
 39 65.8 52.7 79.1



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

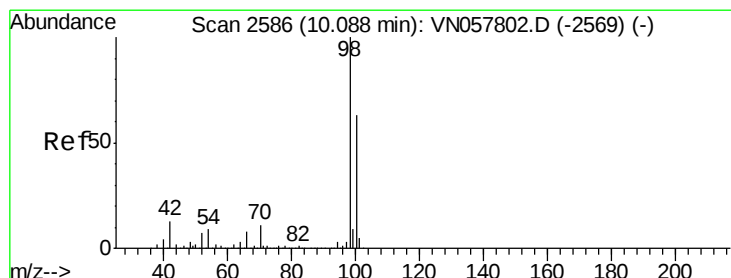
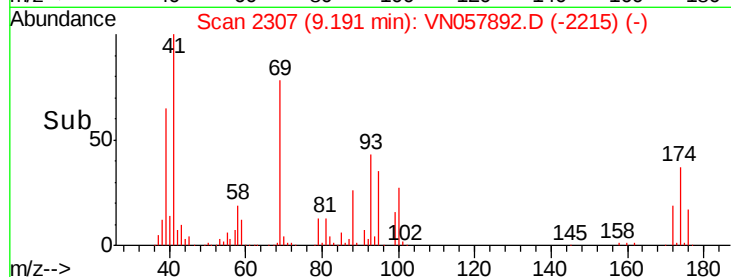
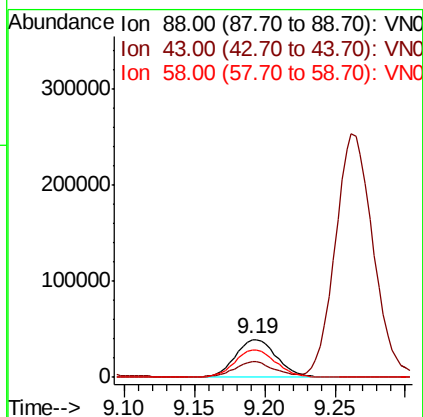
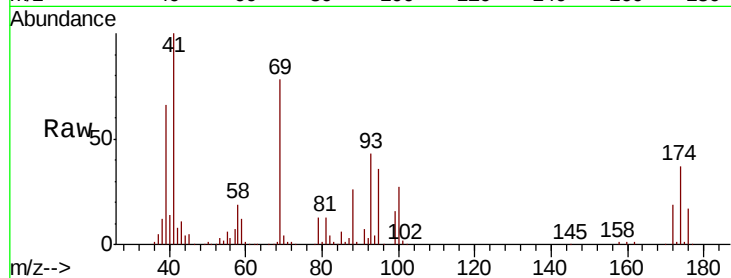




#49
 1,4-Dioxane
 Concen: 781.293 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

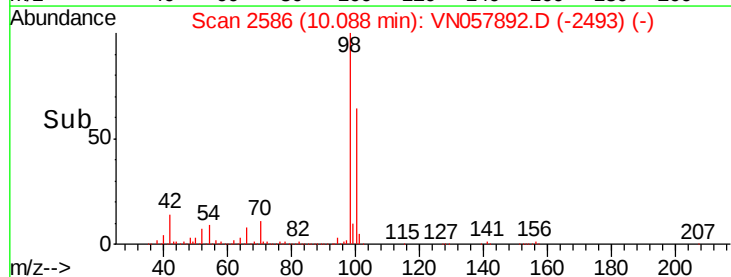
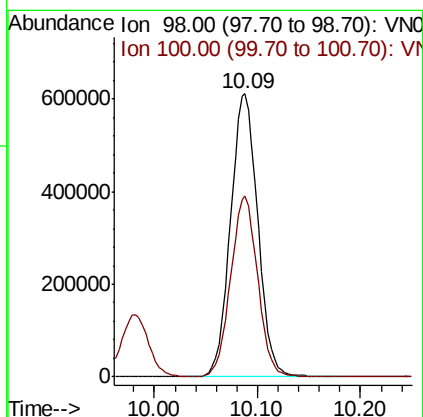
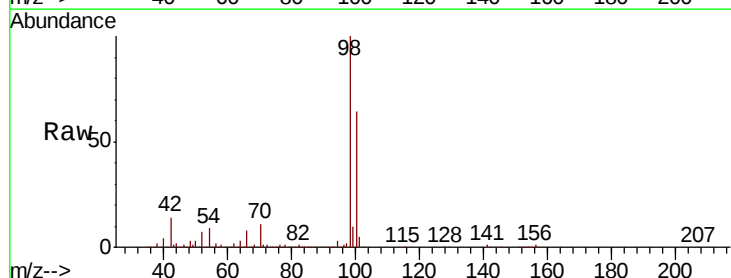
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

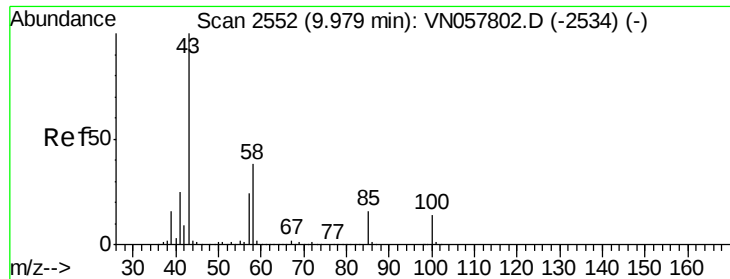
Tgt Ion: 88 Resp: 81901
 Ion Ratio Lower Upper
 88 100
 43 37.0 28.5 42.7
 58 72.3 55.8 83.6



#50
 Toluene-d8
 Concen: 51.803 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion: 98 Resp: 1125774
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.3 75.5

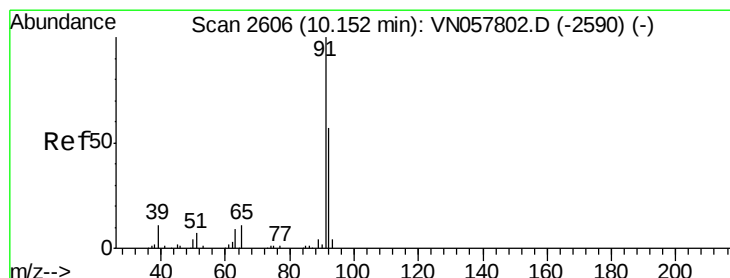
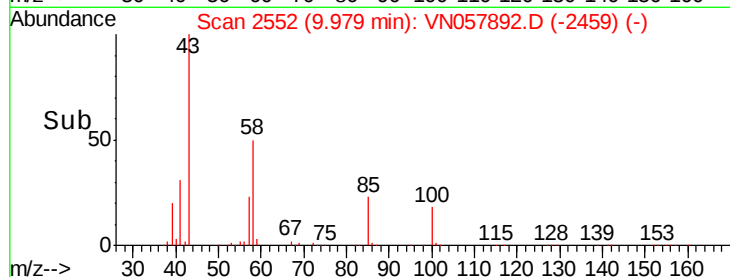
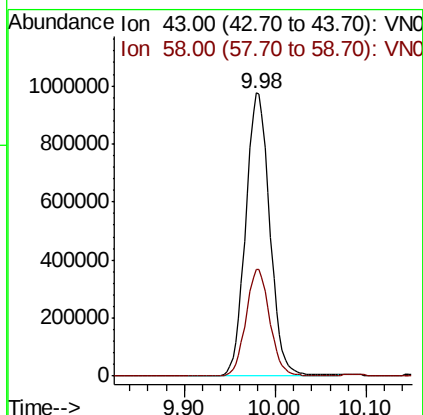
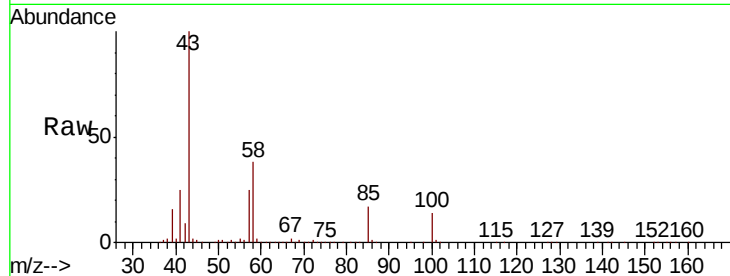




#51
 4-Methyl-2-Pentanone
 Concen: 248.323 ug/l
 RT: 9.98 min Scan# 2552
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

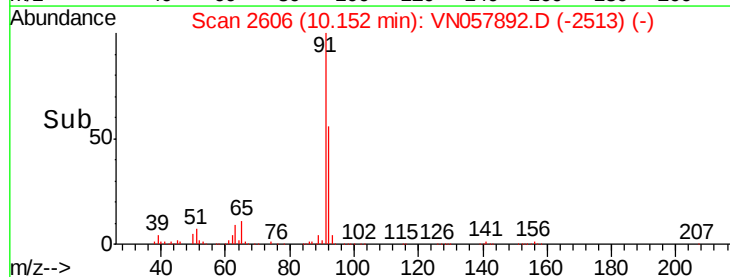
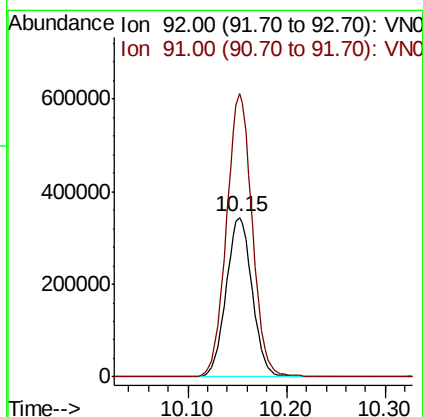
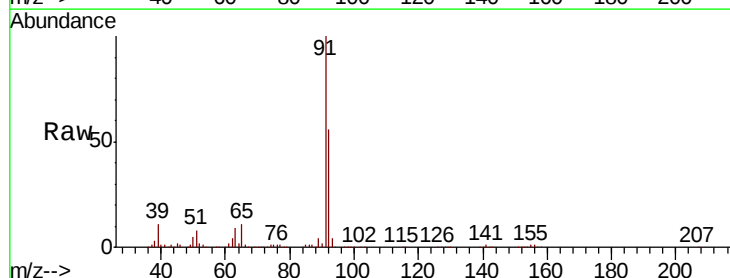
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

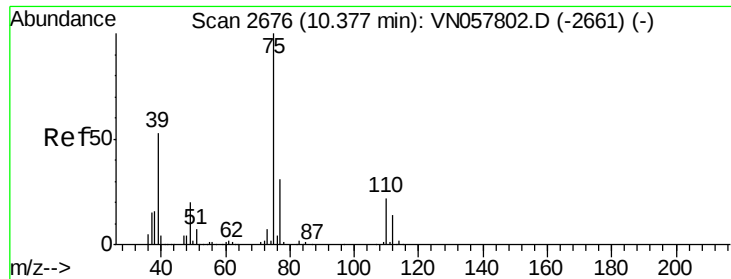
Tgt Ion: 43 Resp: 1795740
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.8 44.6



#52
 Toluene
 Concen: 47.707 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion: 92 Resp: 636243
 Ion Ratio Lower Upper
 92 100
 91 175.0 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 48.931 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

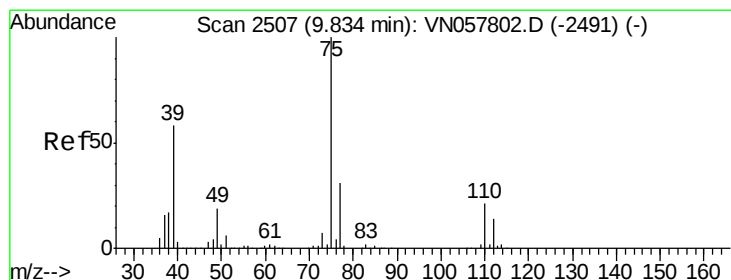
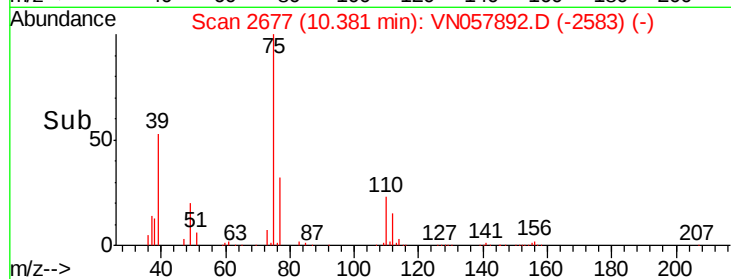
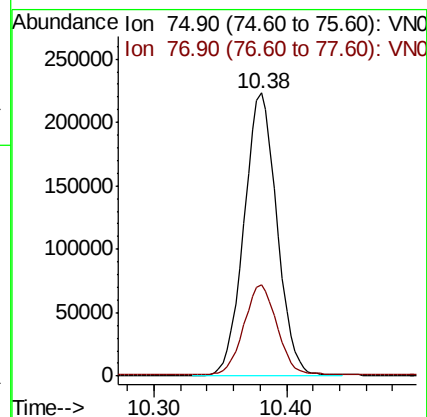
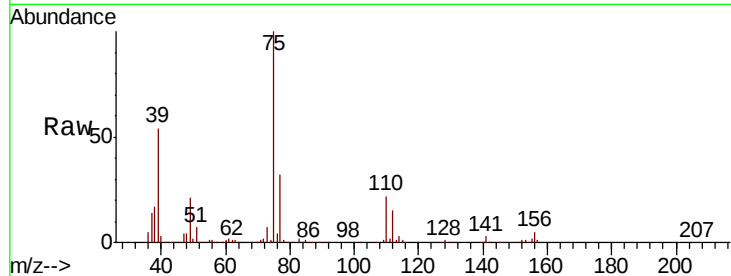
VSTDCCC050EC

Tgt Ion: 75 Resp: 383107

Ion Ratio Lower Upper

75 100

77 31.6 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 48.161 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

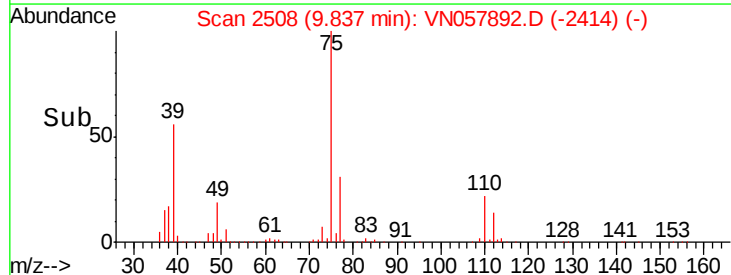
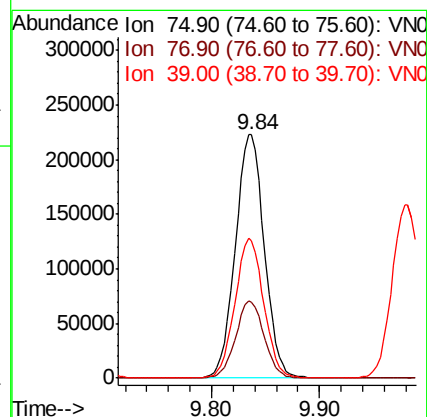
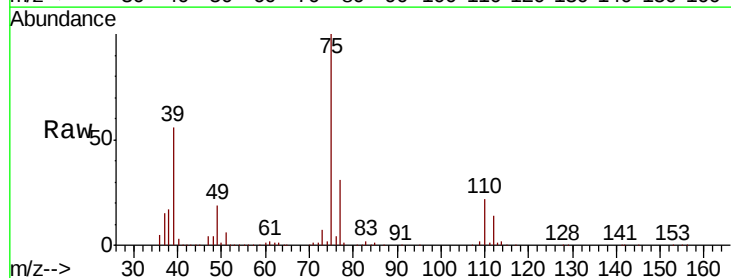
Tgt Ion: 75 Resp: 416312

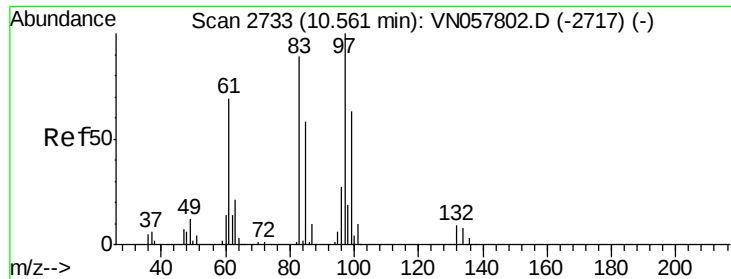
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 56.2 46.2 69.4

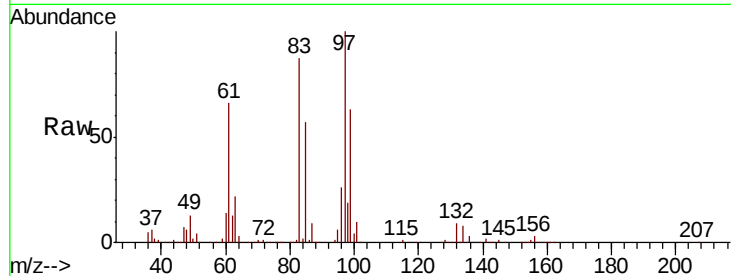




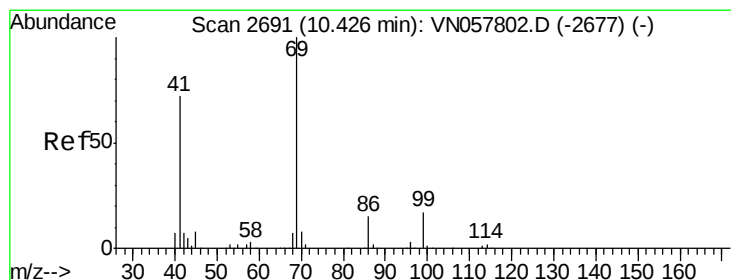
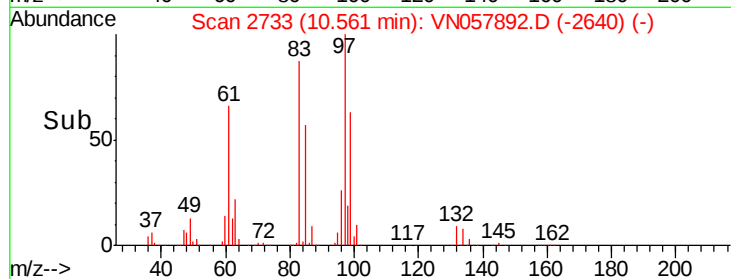
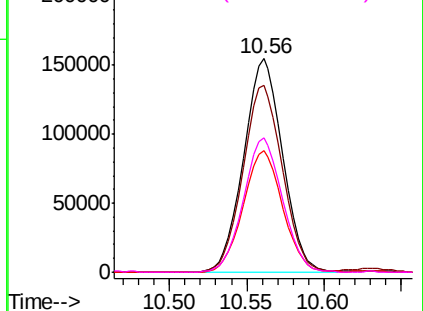
#55
 1,1,2-Trichloroethane
 Concen: 48.132 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	271906
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.8	106.2
85	56.7	46.0	69.0
99	62.8	50.6	76.0

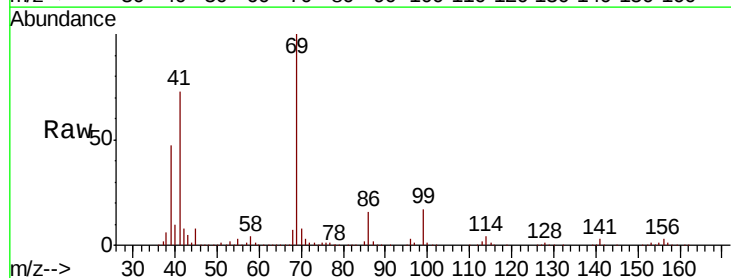


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

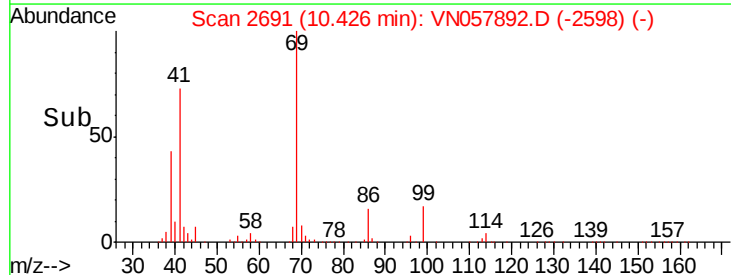
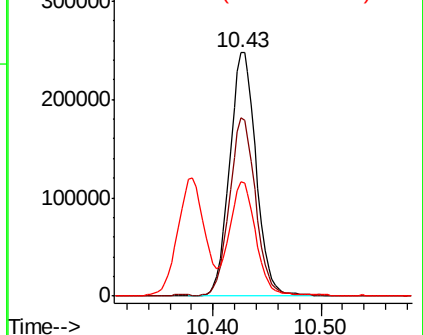


#56
 Ethyl methacrylate
 Concen: 49.874 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion:	69	Resp:	424287
Ion	Ratio	Lower	Upper
69	100		
41	71.6	56.7	85.1
39	46.1	36.3	54.5



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 48.270 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

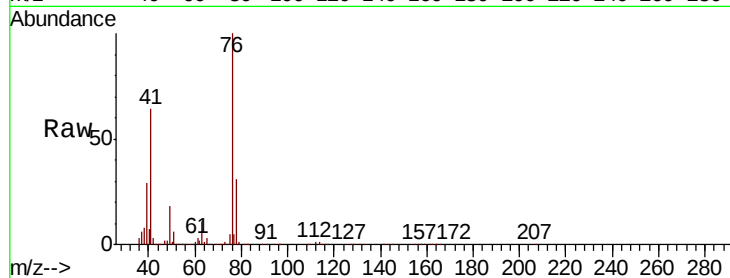
VSTDCCC050EC

Tgt Ion: 76 Resp: 469936

Ion Ratio Lower Upper

76 100

78 31.8 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

250000

200000

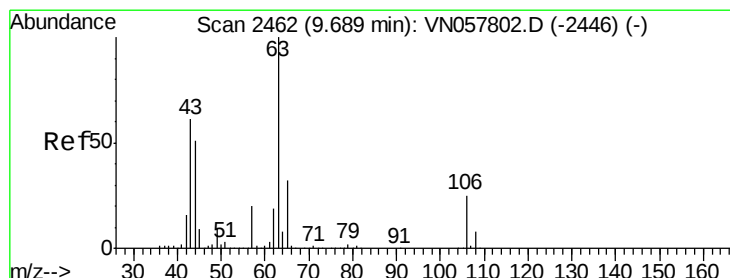
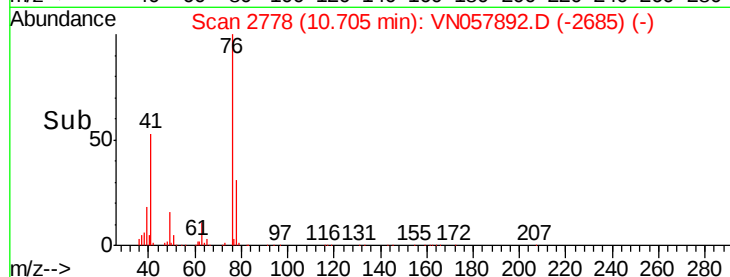
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 250.871 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057892.D

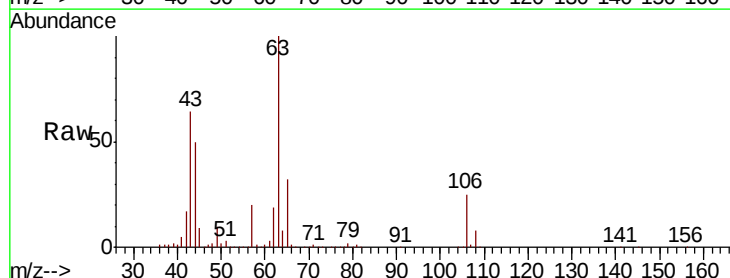
Acq: 11 Sep 2019 2:14

Tgt Ion: 63 Resp: 1005185

Ion Ratio Lower Upper

63 100

106 25.9 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

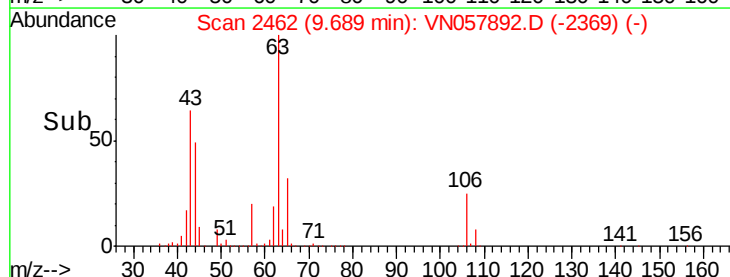
600000

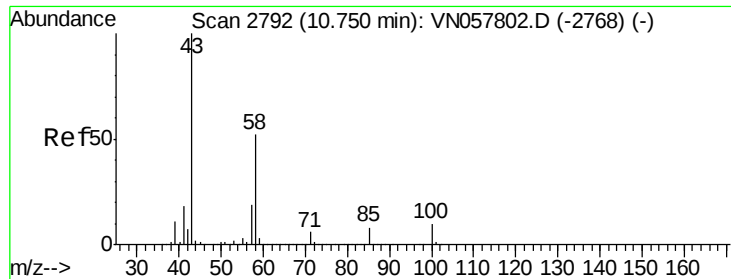
400000

200000

0

Time-->

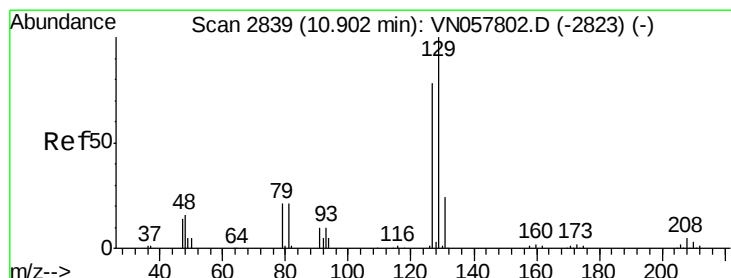
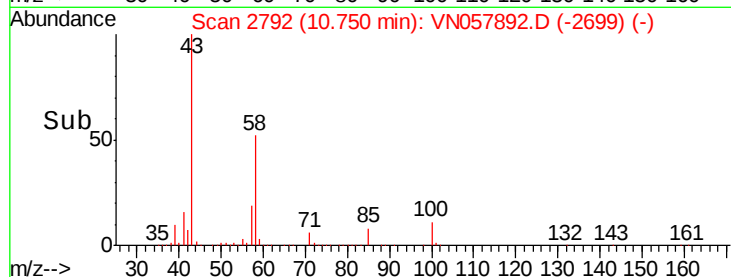
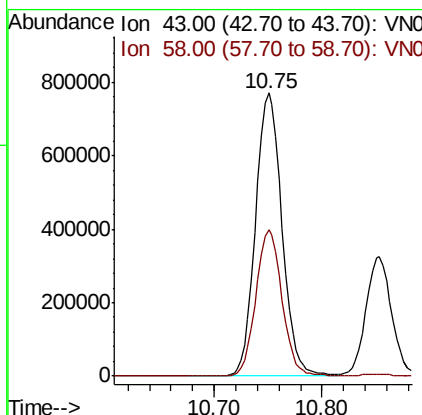
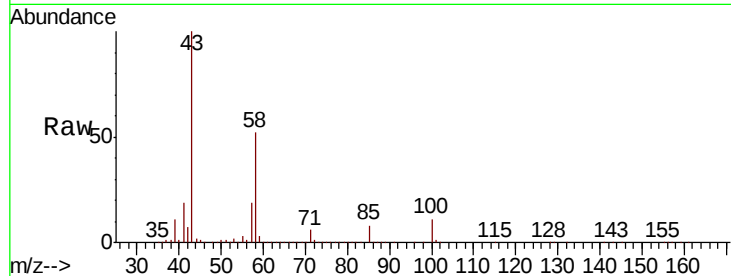




#59
2-Hexanone
Concen: 241.793 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

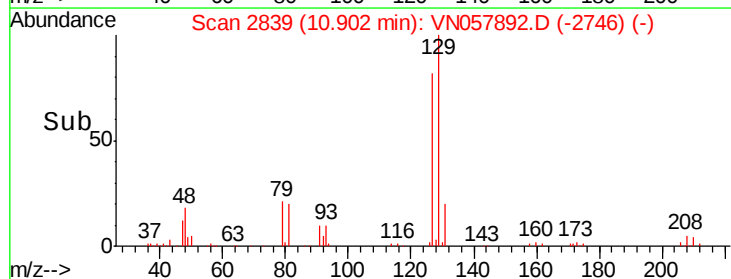
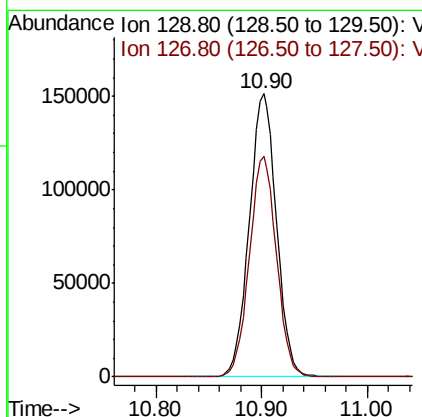
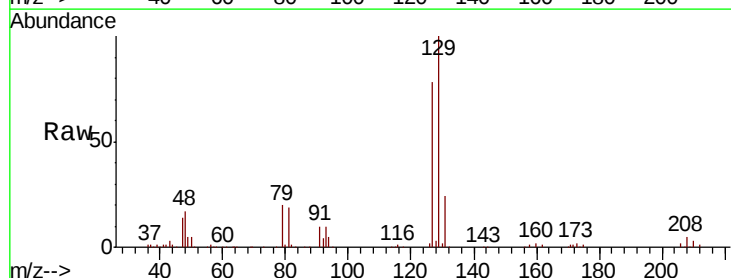
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

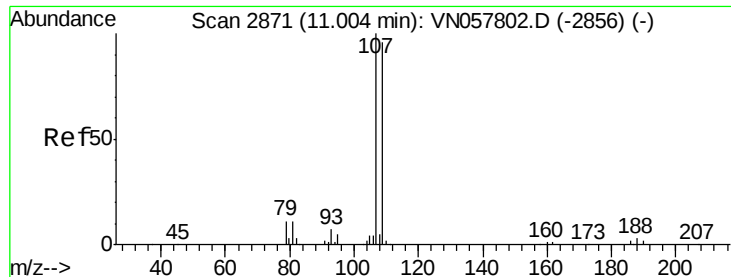
Tgt Ion: 43 Resp: 1310581
Ion Ratio Lower Upper
43 100
58 51.2 25.6 76.8



#60
Dibromochloromethane
Concen: 52.053 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

Tgt Ion: 129 Resp: 273061
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

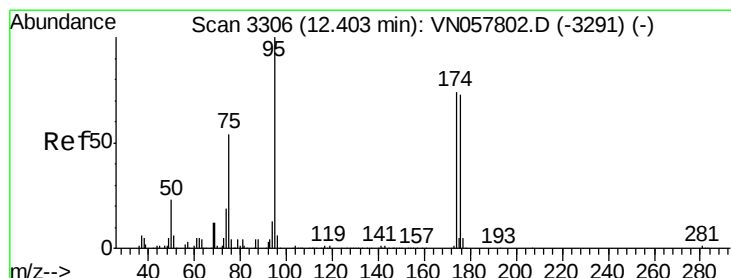
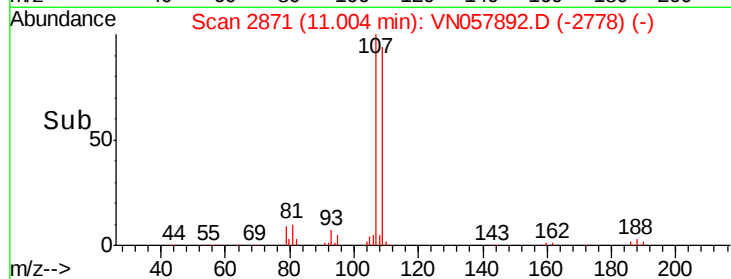
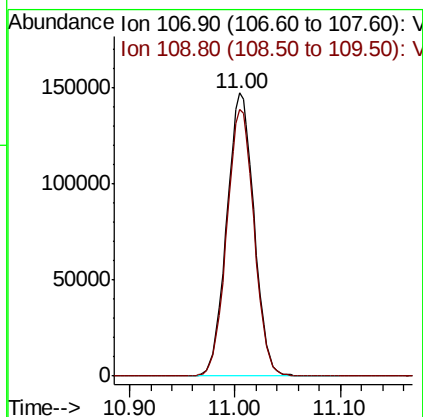
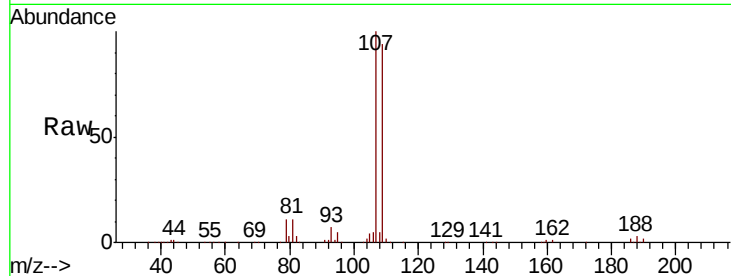




#61
 1,2-Dibromoethane
 Concen: 49.114 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

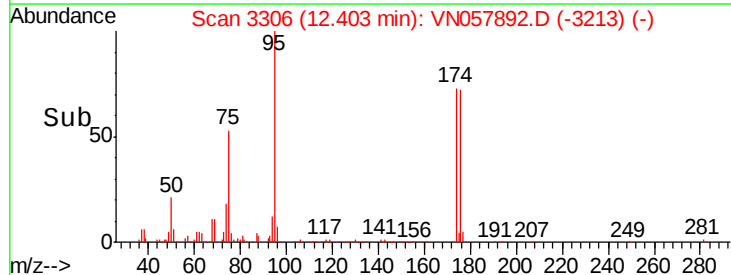
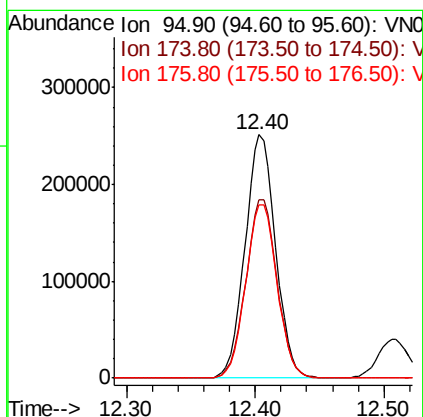
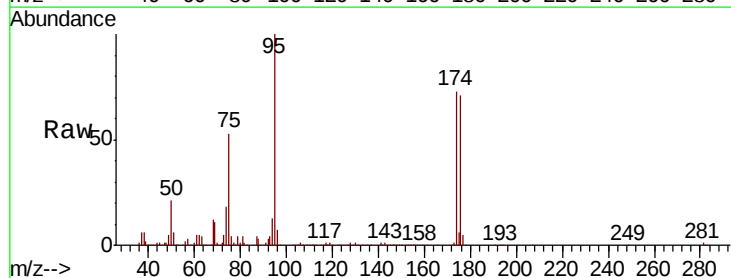
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

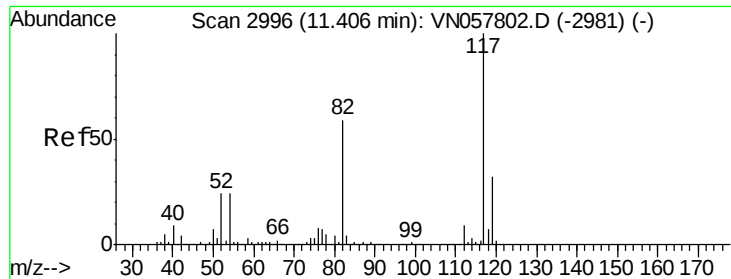
Tgt Ion: 107 Resp: 262305
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 49.854 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion: 95 Resp: 412878
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 150.2
 176 73.5 0.0 146.0

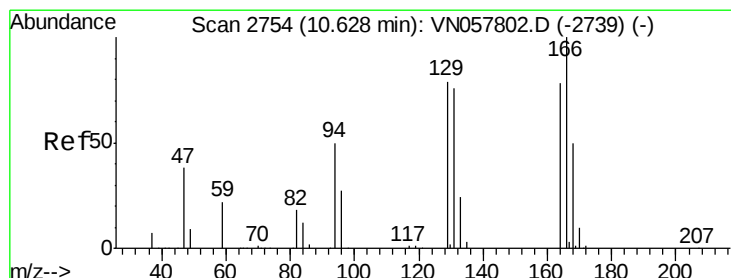
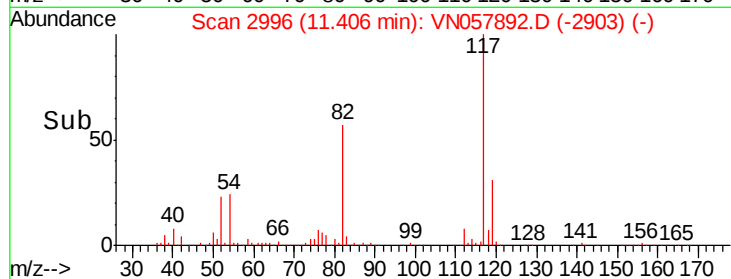
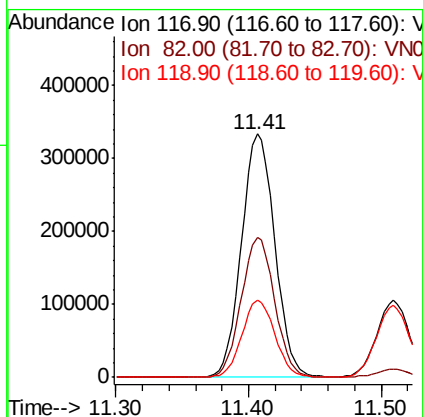
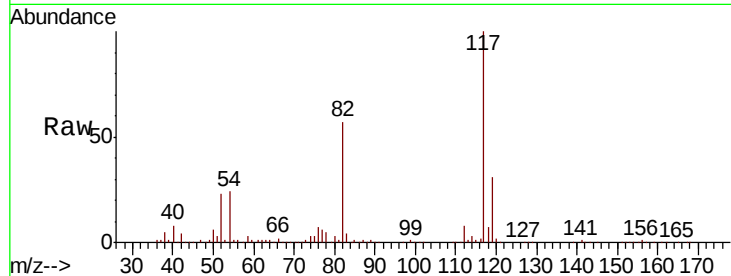




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

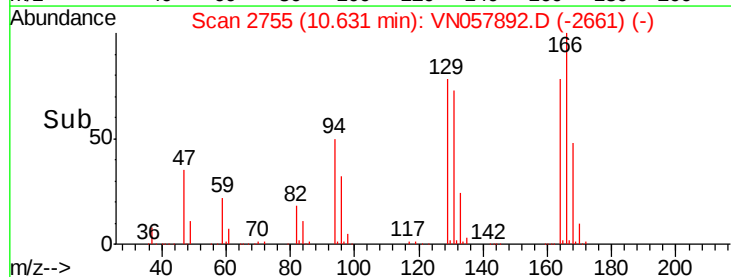
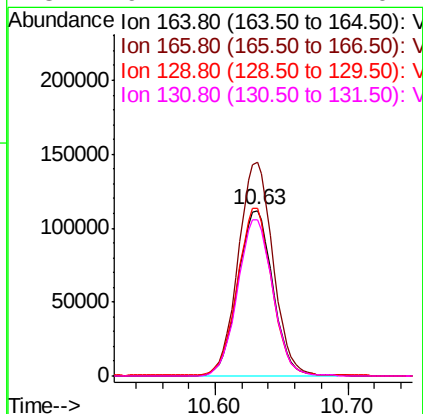
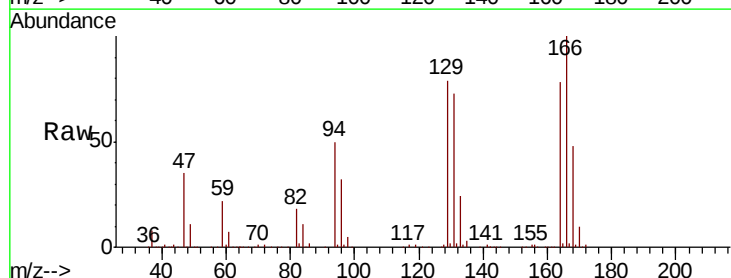
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

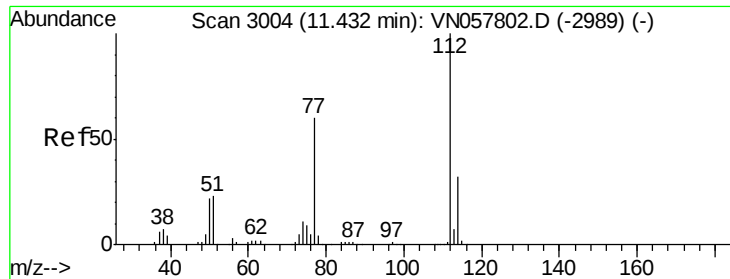
Tgt Ion:117 Resp: 582740
Ion Ratio Lower Upper
117 100
82 57.3 47.2 70.8
119 31.5 25.3 37.9



#64
Tetrachloroethene
Concen: 47.683 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

Tgt Ion:164 Resp: 205162
Ion Ratio Lower Upper
164 100
166 128.9 102.2 153.2
129 100.8 80.8 121.2
131 94.1 77.4 116.2

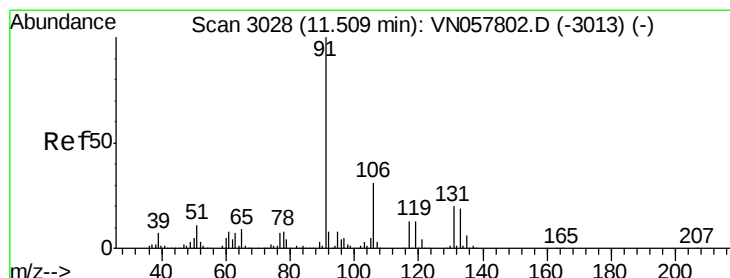
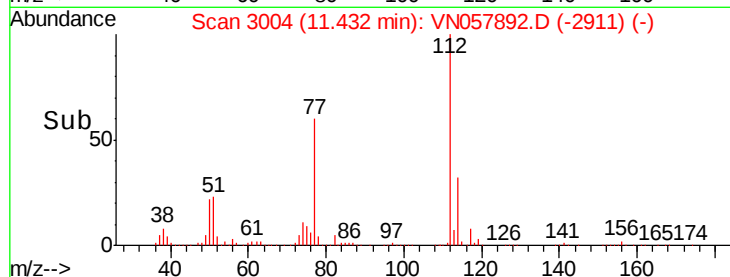
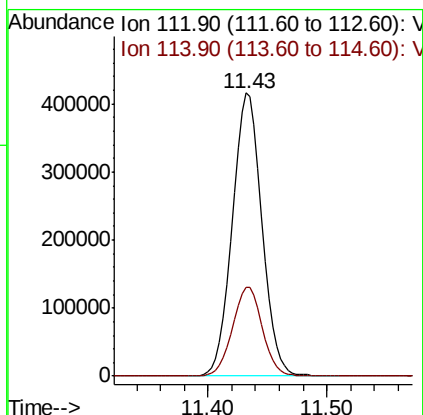
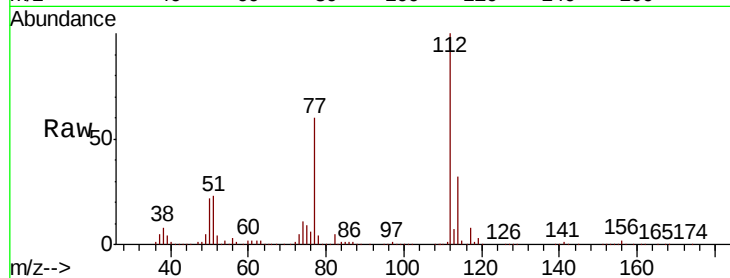




#65
Chlorobenzene
Concen: 46.965 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

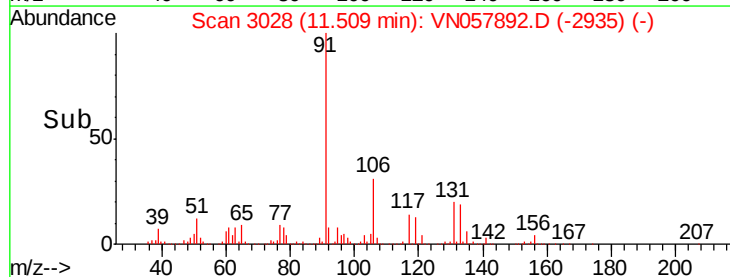
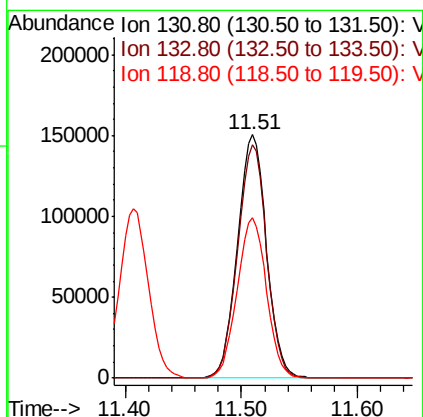
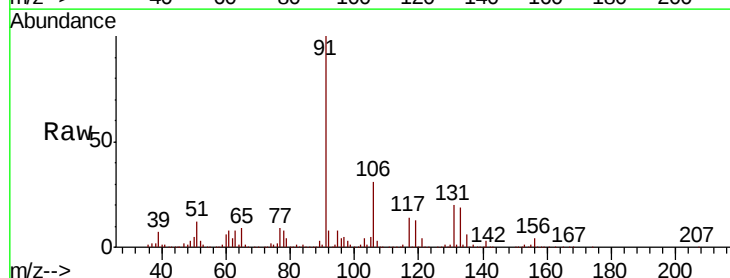
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

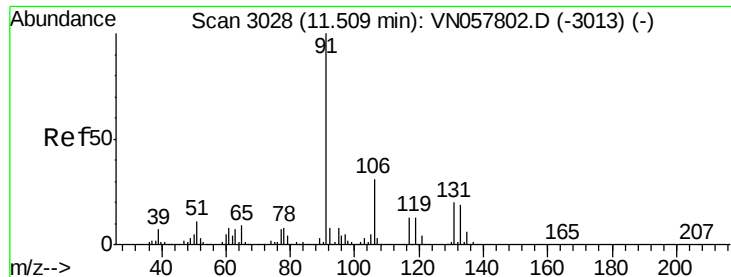
Tgt Ion:112 Resp: 716250
Ion Ratio Lower Upper
112 100
114 31.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.336 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

Tgt Ion:131 Resp: 261084
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.3
119 66.1 33.3 99.8

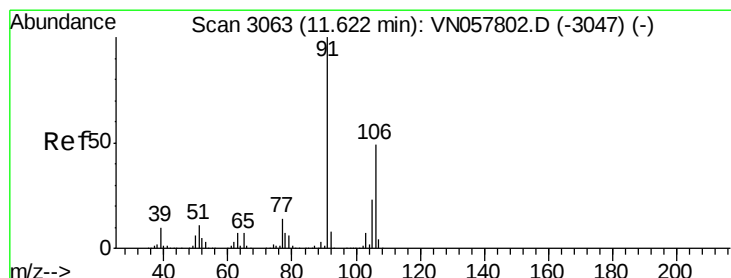
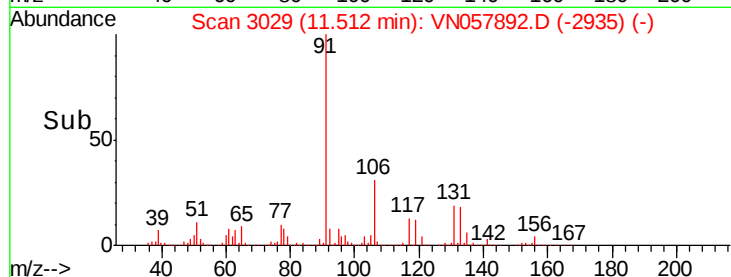
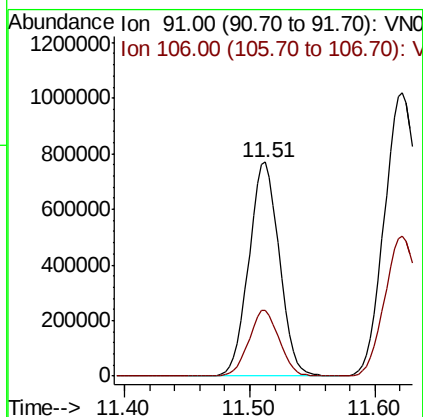
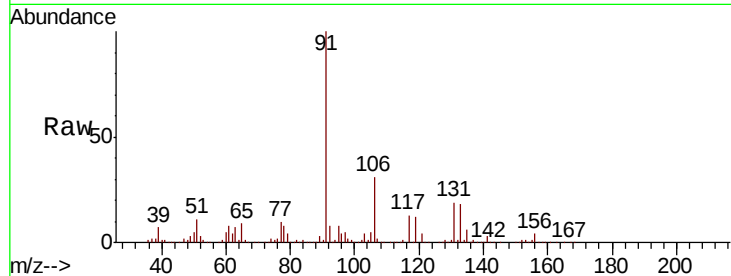




#67
Ethyl Benzene
Concen: 48.693 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

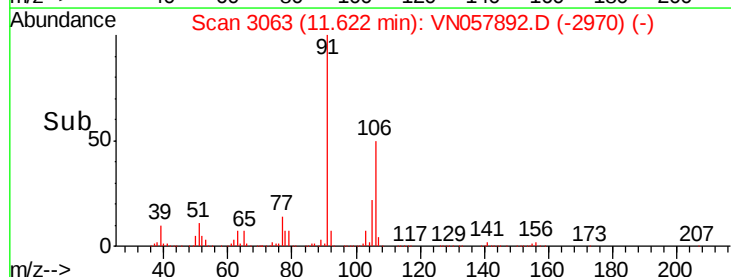
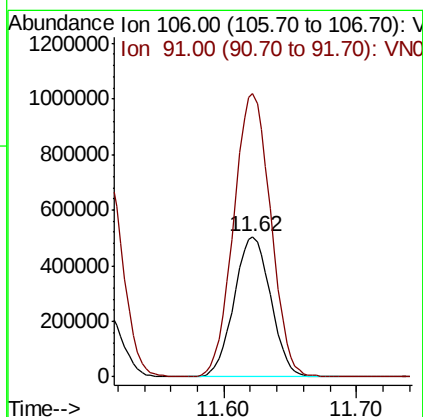
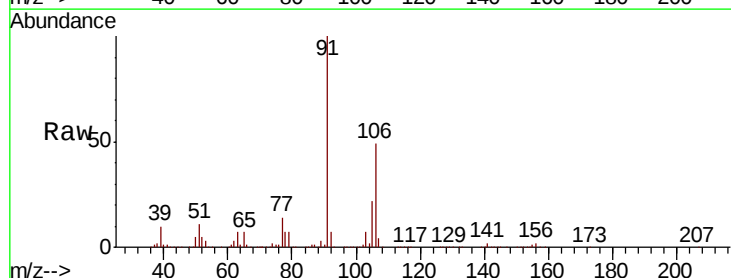
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

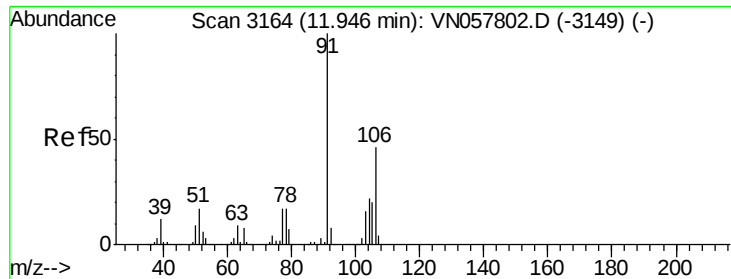
Tgt Ion: 91 Resp: 1301432
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6



#68
m/p-Xylenes
Concen: 98.568 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

Tgt Ion: 106 Resp: 965009
Ion Ratio Lower Upper
106 100
91 204.7 165.8 248.6

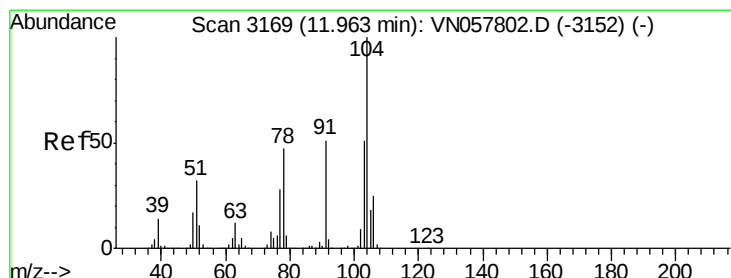
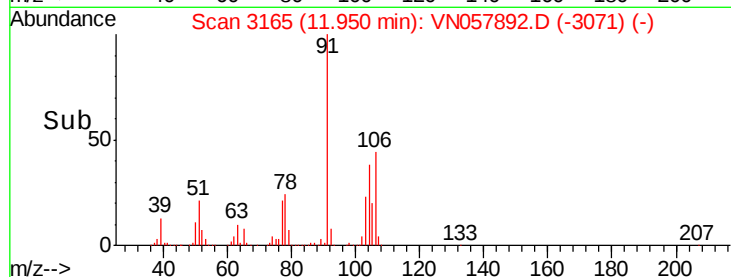
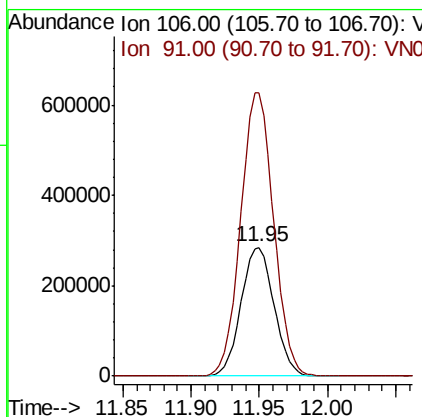
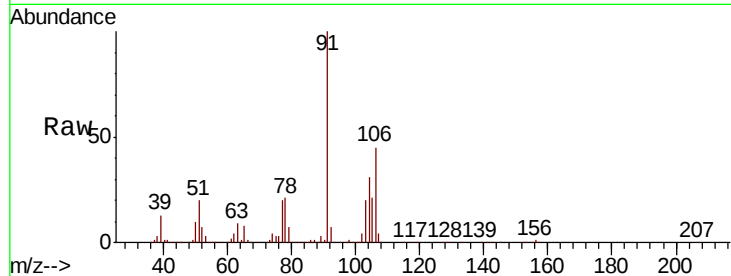




#69
o-Xylene
Concen: 49.388 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

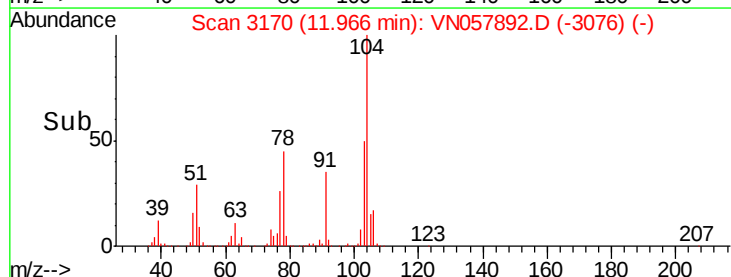
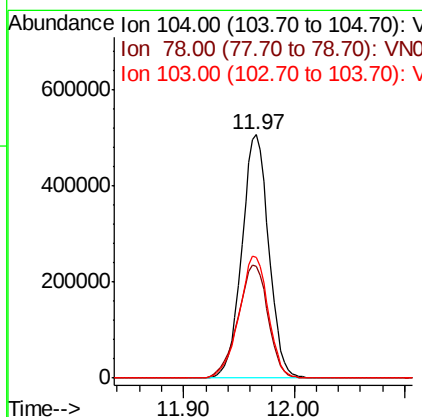
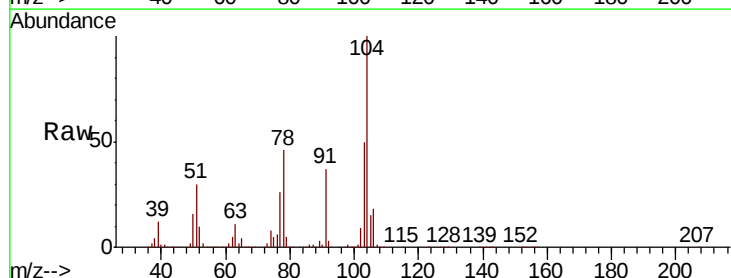
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

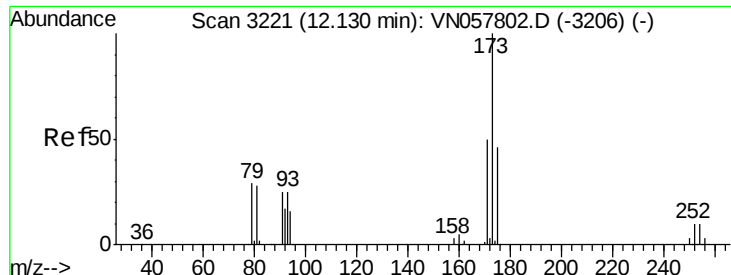
Tgt Ion:106 Resp: 480693
Ion Ratio Lower Upper
106 100
91 218.0 108.7 326.1



#70
Styrene
Concen: 50.988 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

Tgt Ion:104 Resp: 854066
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 54.4 43.7 65.5





#71

Bromoform

Concen: 51.220 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

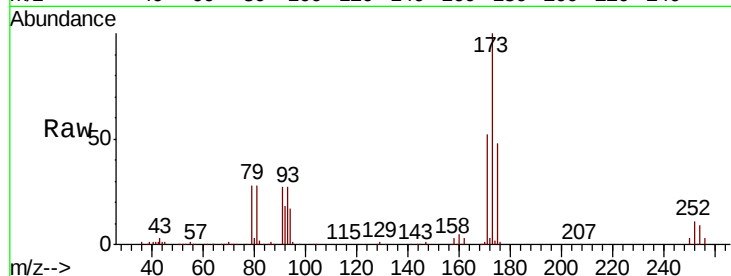
Tgt Ion:173 Resp: 168989

Ion Ratio Lower Upper

173 100

175 48.0 23.5 70.6

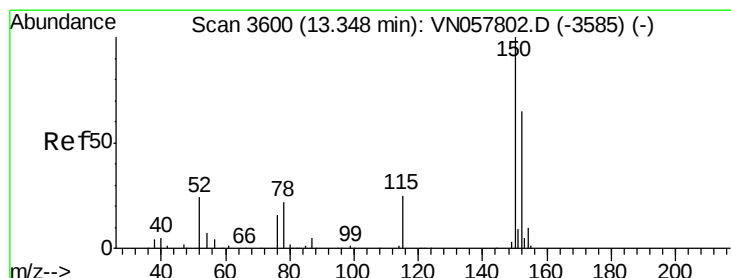
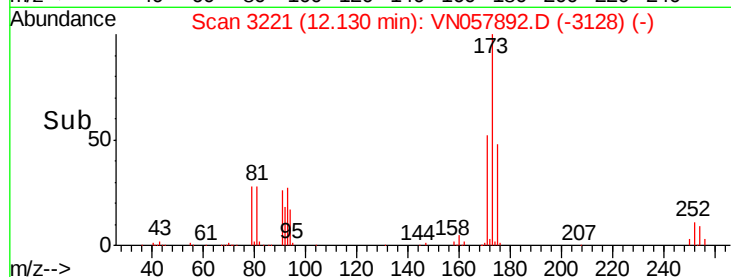
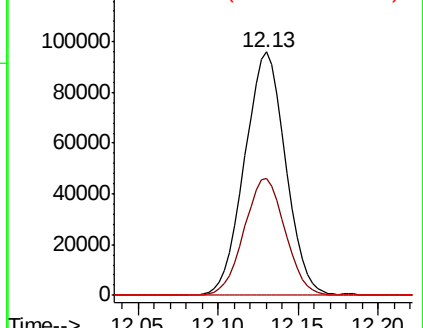
254 0.0 0.1 0.1#



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: VN057892.D

Acq: 11 Sep 2019 2:14

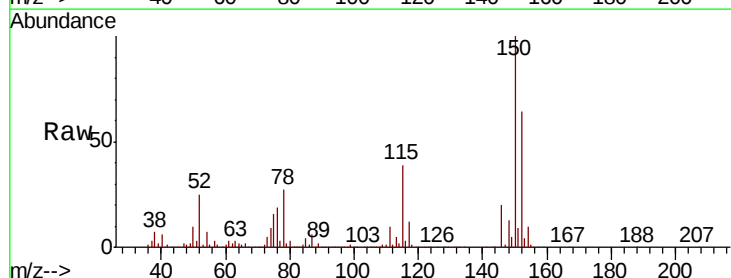
Tgt Ion:152 Resp: 355050

Ion Ratio Lower Upper

152 100

115 60.2 30.3 91.0

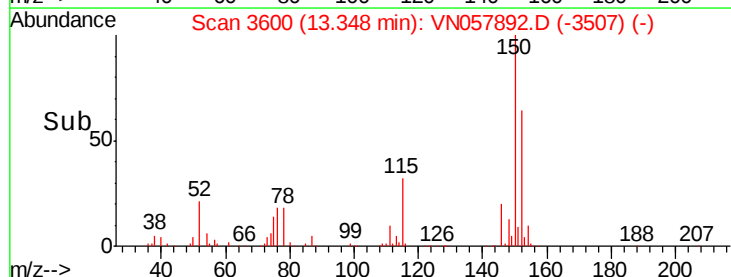
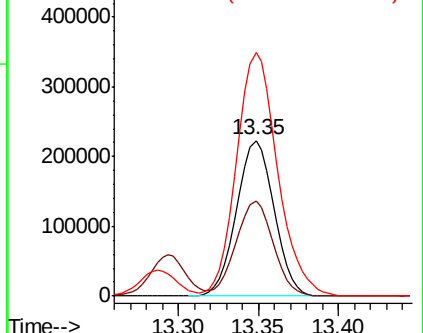
150 171.9 0.0 352.4

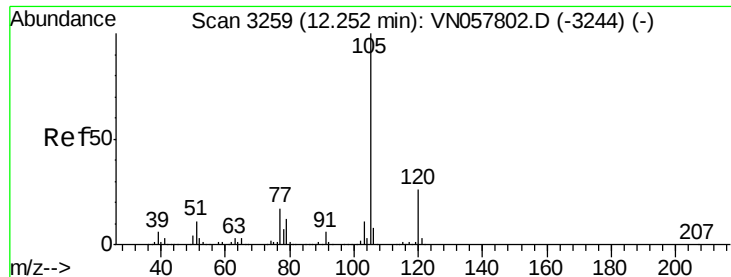


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.467 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

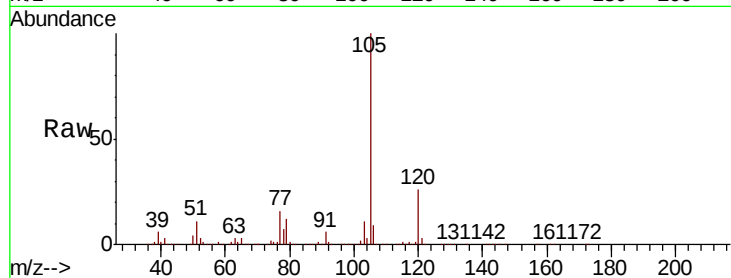
VSTDCCC050EC

Tgt Ion:105 Resp: 1335293

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

800000

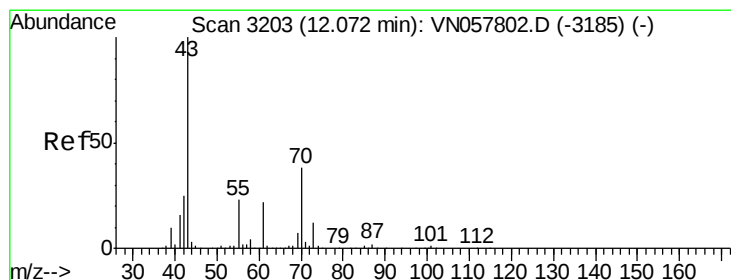
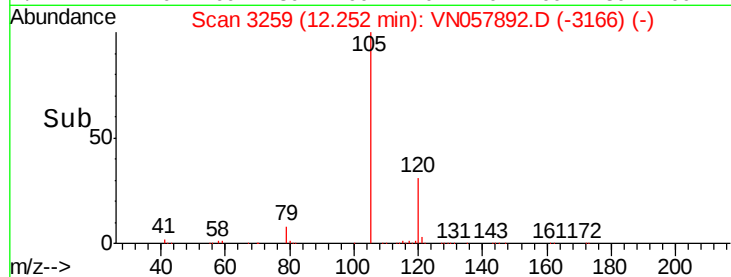
600000

400000

200000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 48.657 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Tgt Ion: 43 Resp: 583401

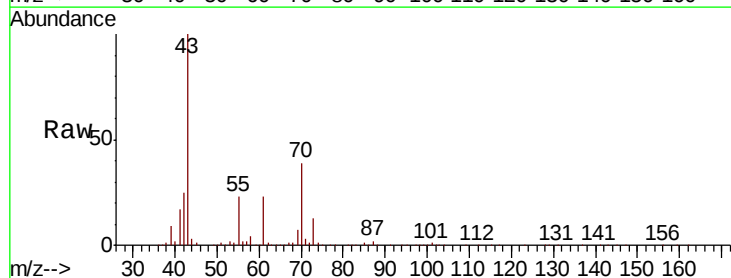
Ion Ratio Lower Upper

43 100

70 39.0 30.6 45.8

55 22.9 18.6 27.8

61 22.4 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

500000

400000

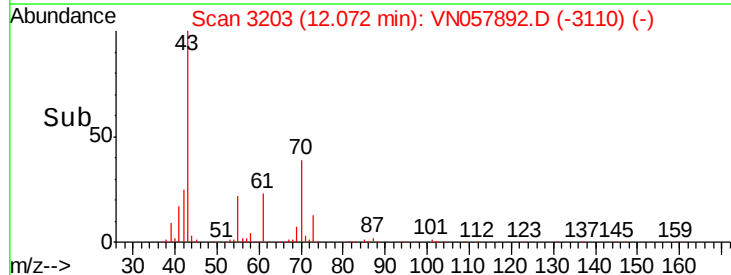
300000

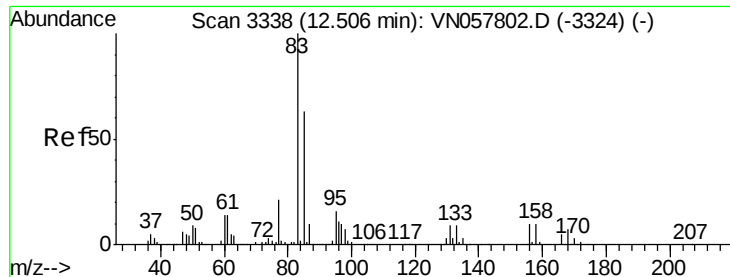
200000

100000

0

Time--> 12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 45.325 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

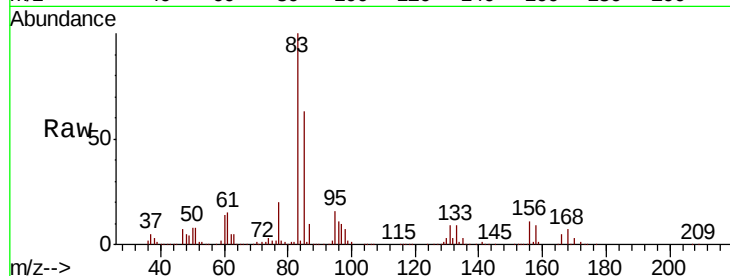
Tgt Ion: 83 Resp: 420447

Ion Ratio Lower Upper

83 100

131 9.9 4.8 14.3

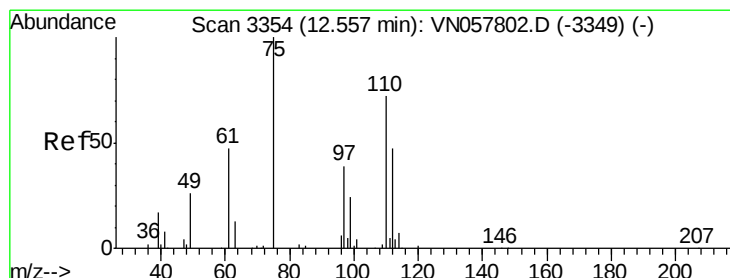
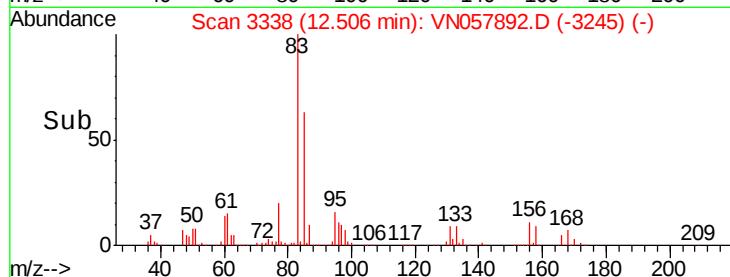
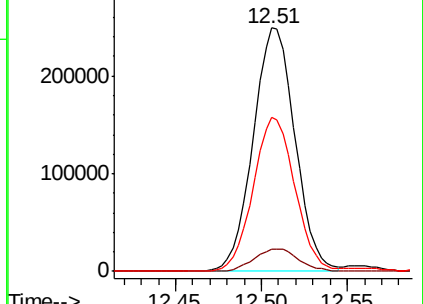
85 63.0 31.6 94.7



Abundance Ion 82.90 (82.60 to 83.60): VN057892.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN057892.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN057892.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 62.546 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057892.D

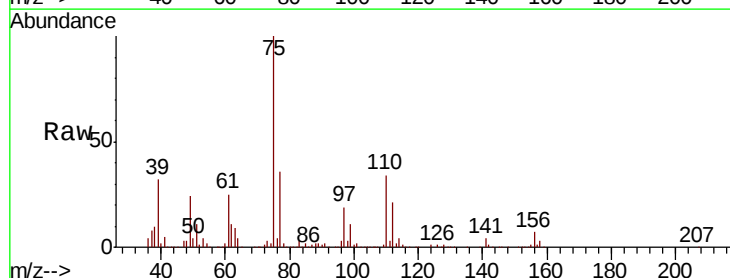
Acq: 11 Sep 2019 2:14

Tgt Ion: 75 Resp: 502356

Ion Ratio Lower Upper

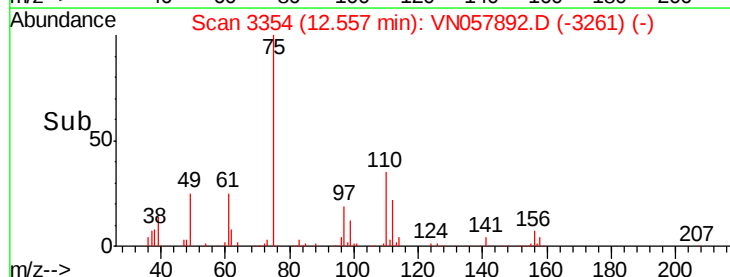
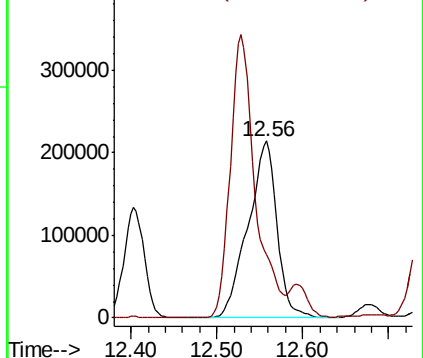
75 100

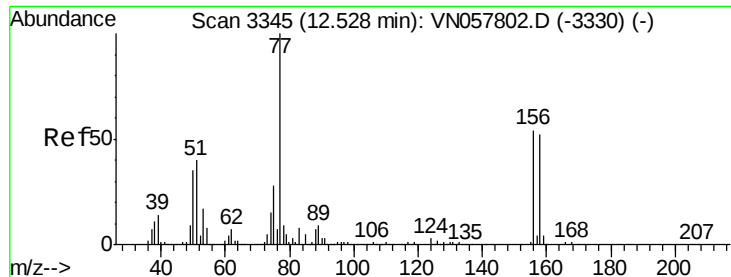
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN057892.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN057892.D (-3261) (-)





#77

Bromobenzene

Concen: 48.788 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

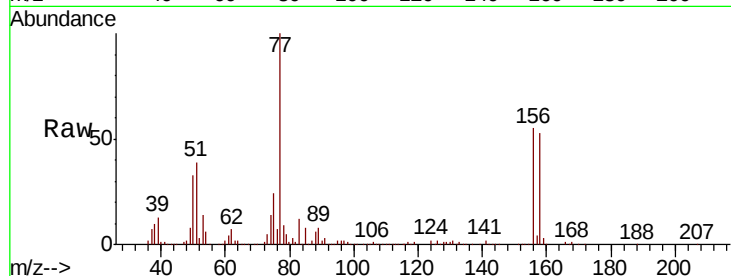
Tgt Ion:156 Resp: 335123

Ion Ratio Lower Upper

156 100

77 206.6 113.7 341.1

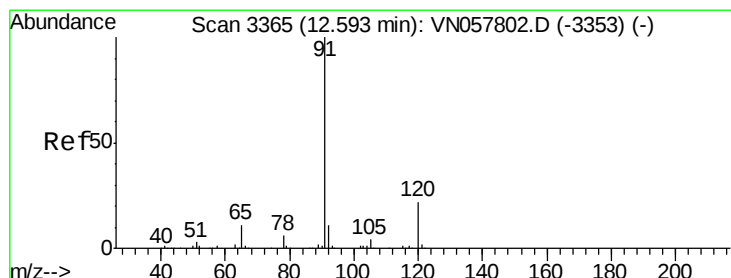
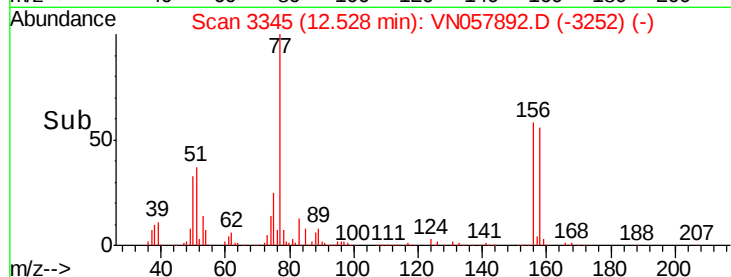
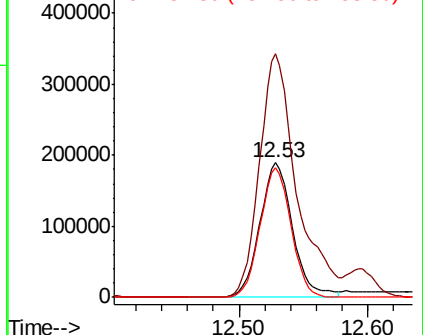
158 91.2 48.5 145.6



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: 49.140 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN057892.D

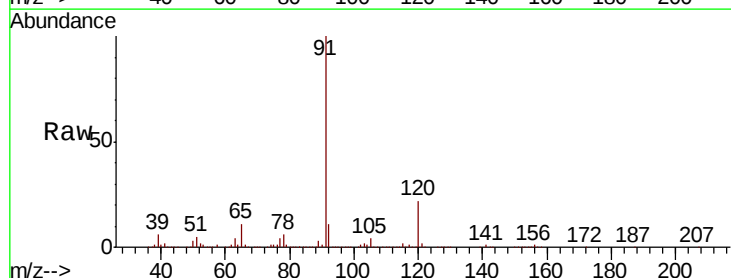
Acq: 11 Sep 2019 2:14

Tgt Ion: 91 Resp: 1554619

Ion Ratio Lower Upper

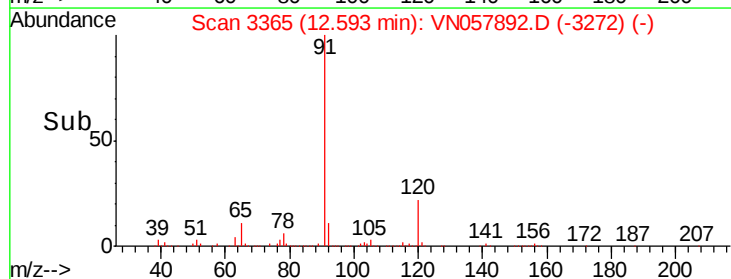
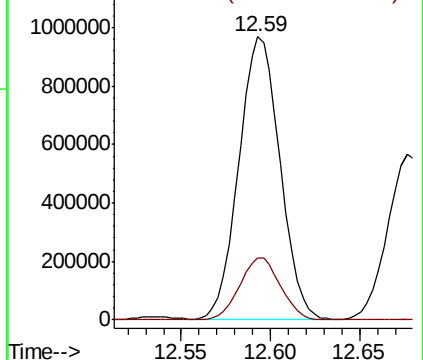
91 100

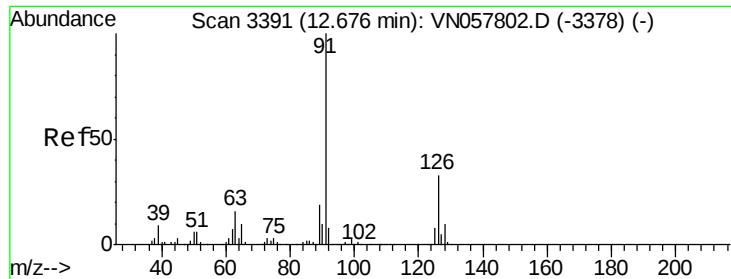
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.357 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

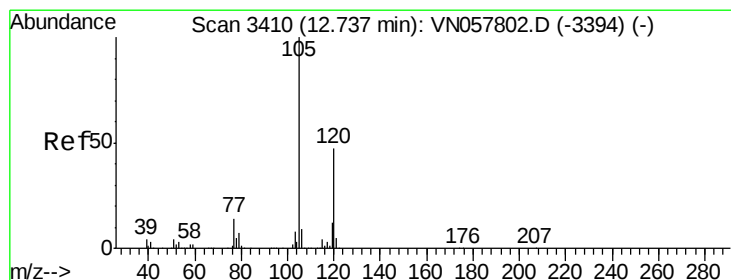
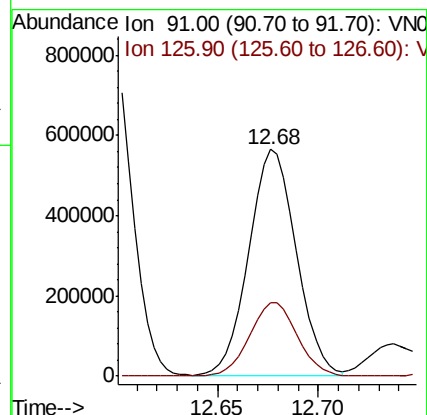
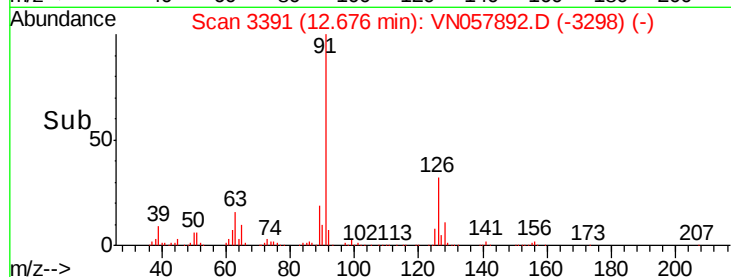
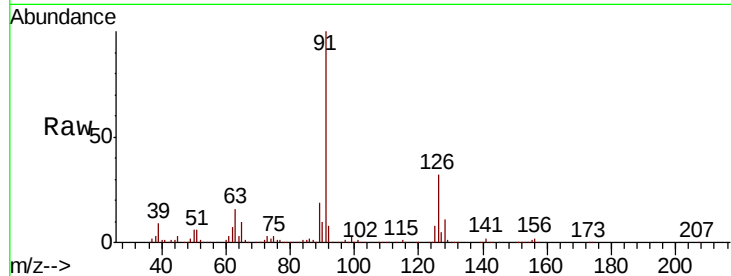
VSTDCCC050EC

Tgt Ion: 91 Resp: 926939

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 48.915 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057892.D

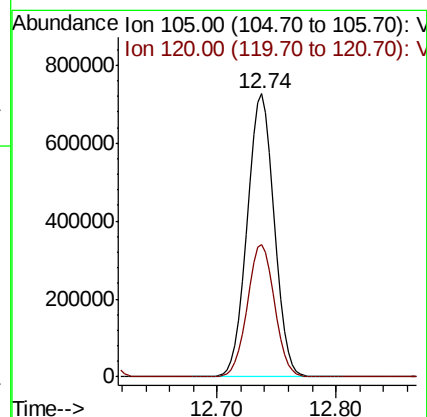
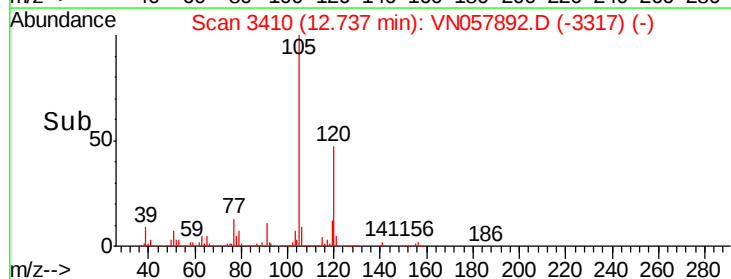
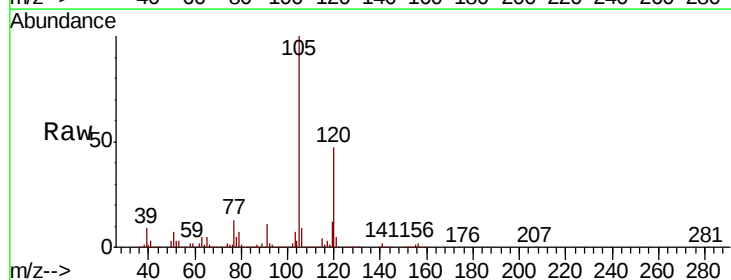
Acq: 11 Sep 2019 2:14

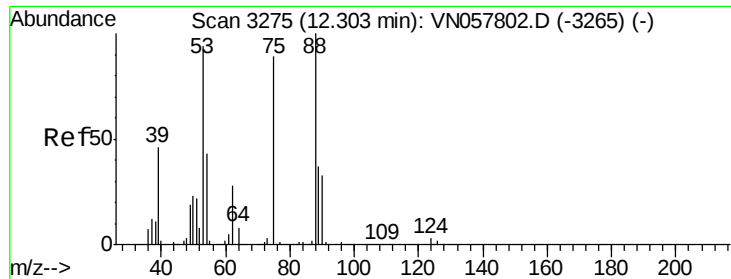
Tgt Ion: 105 Resp: 1138671

Ion Ratio Lower Upper

105 100

120 47.3 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 42.595 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

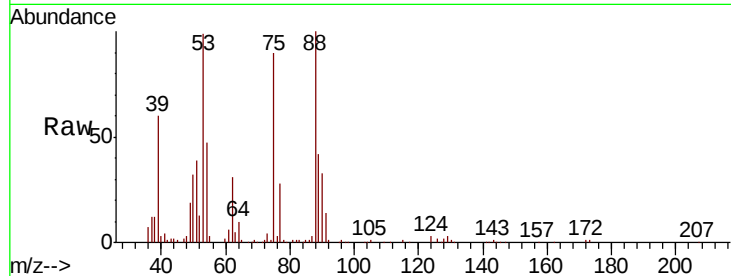
Tgt Ion: 75 Resp: 97219

Ion Ratio Lower Upper

75 100

53 115.2 88.4 132.6

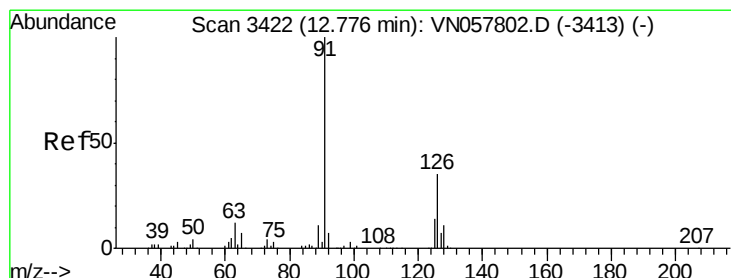
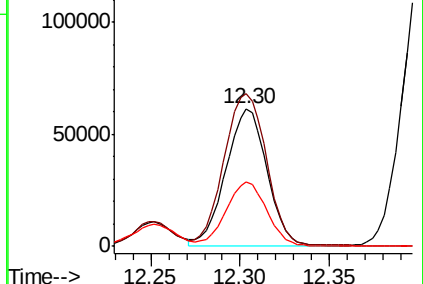
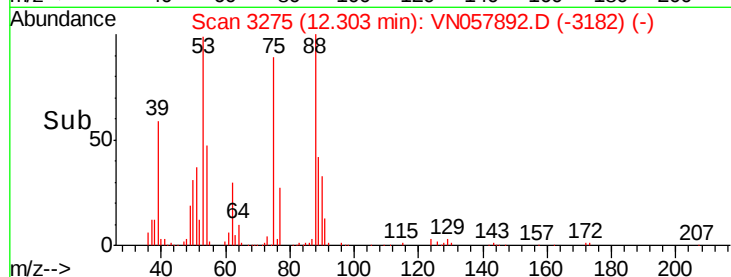
89 46.9 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN057892.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN057892.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN057892.D (-3182) (-)



#82

4-Chlorotoluene

Concen: 47.618 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057892.D

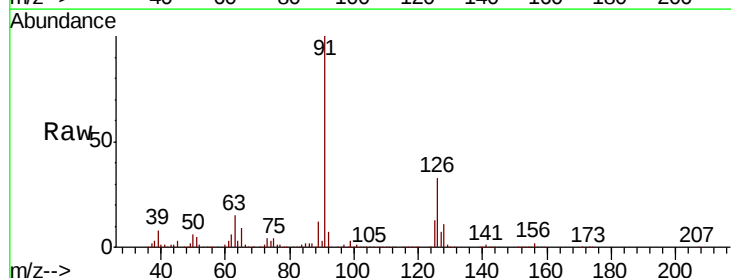
Acq: 11 Sep 2019 2:14

Tgt Ion: 91 Resp: 977782

Ion Ratio Lower Upper

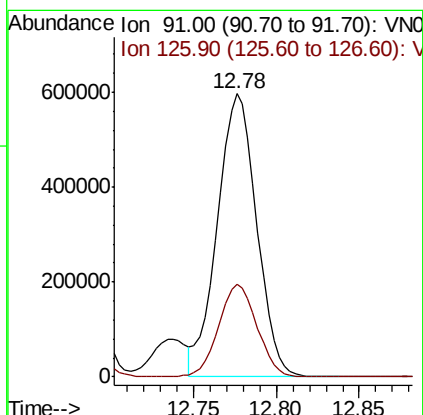
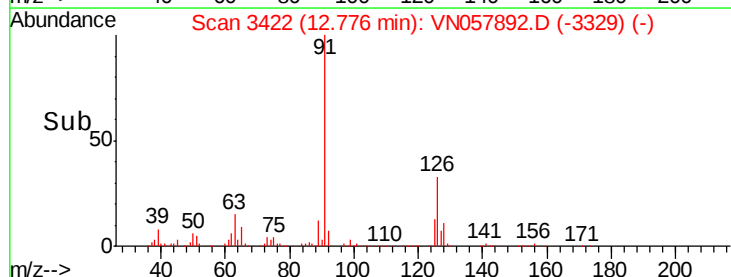
91 100

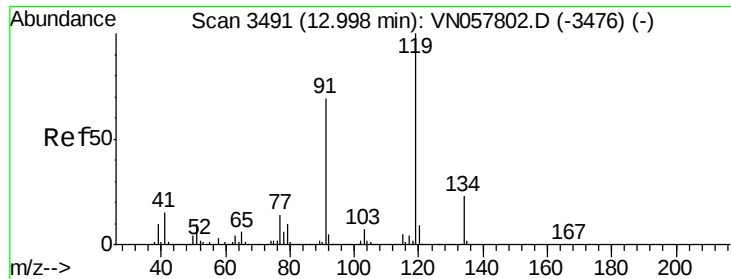
126 32.2 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN057892.D (-3329) (-)

Ion 125.90 (125.60 to 126.60): VN057892.D (-3329) (-)

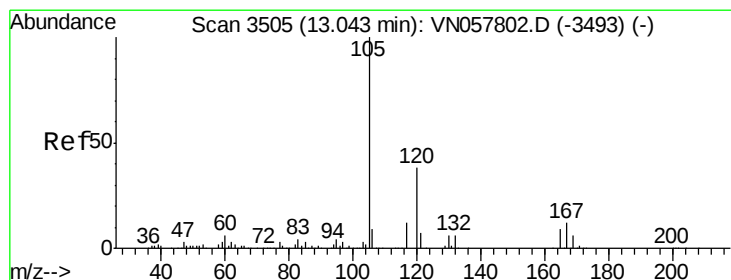
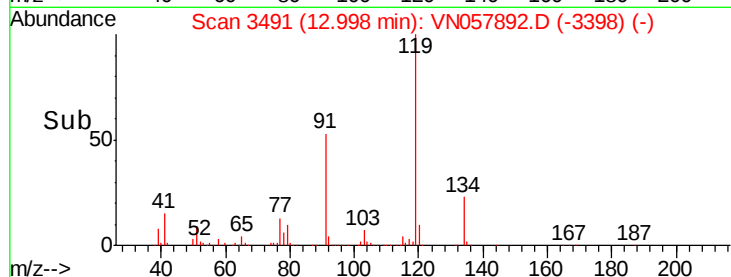
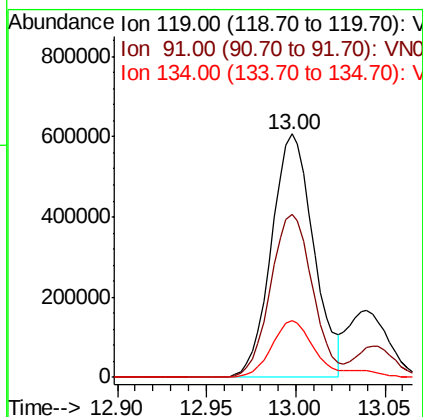
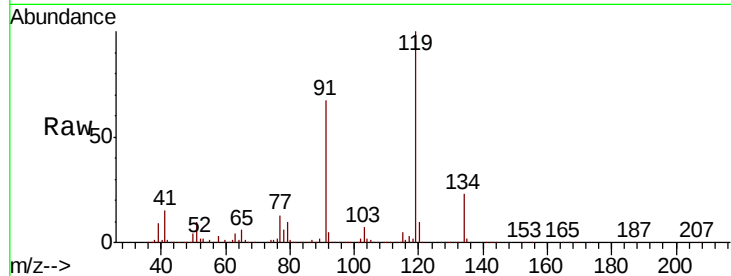




#83
 tert-Butylbenzene
 Concen: 48.306 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

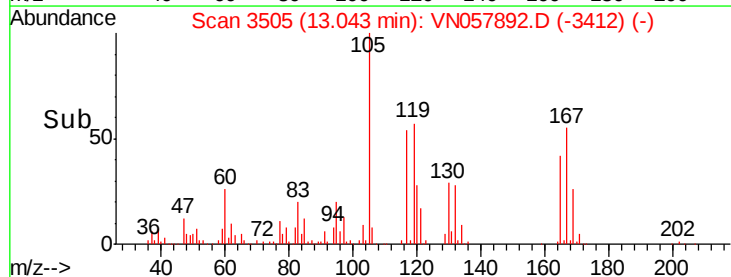
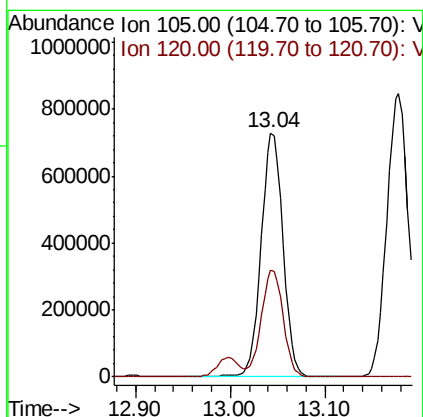
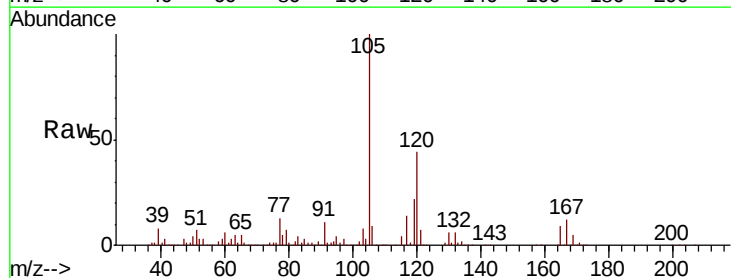
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

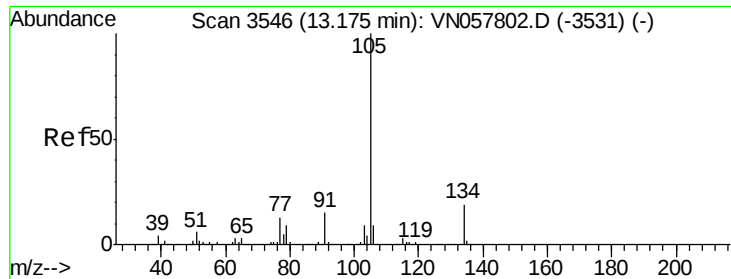
Tgt Ion:119 Resp: 999586
 Ion Ratio Lower Upper
 119 100
 91 66.9 33.6 100.8
 134 23.0 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.389 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion:105 Resp: 1168510
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.2

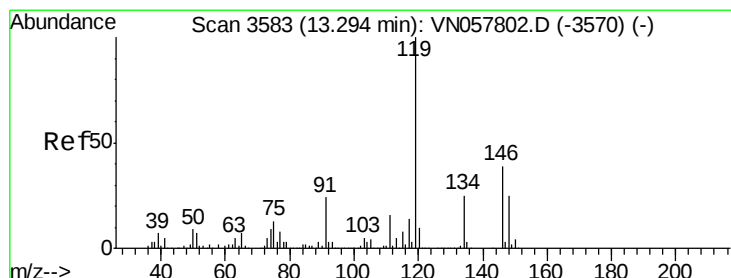
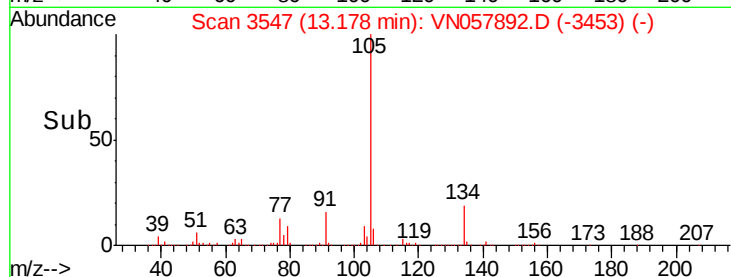
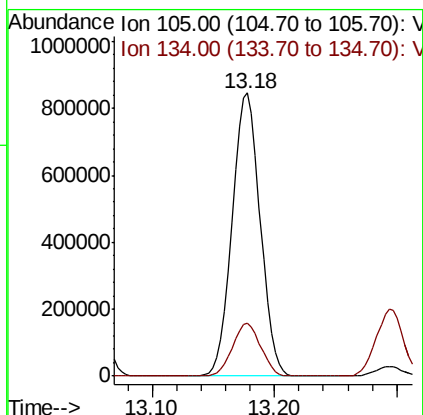
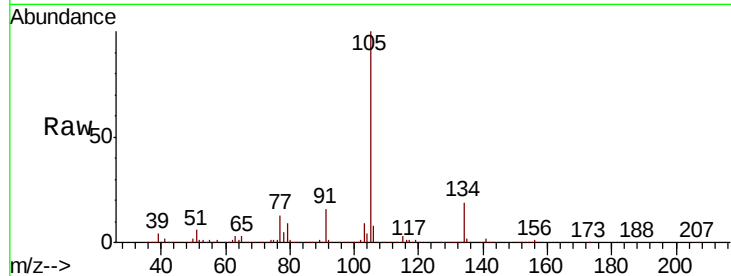




#85
 sec-Butylbenzene
 Concen: 49.214 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

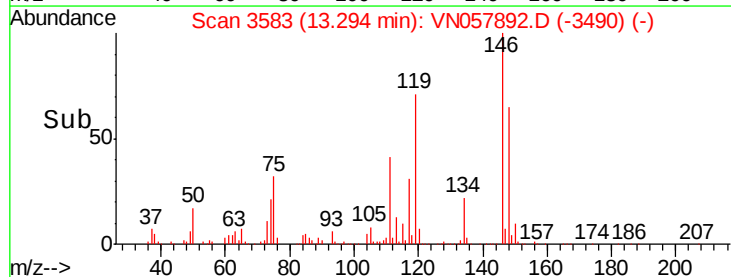
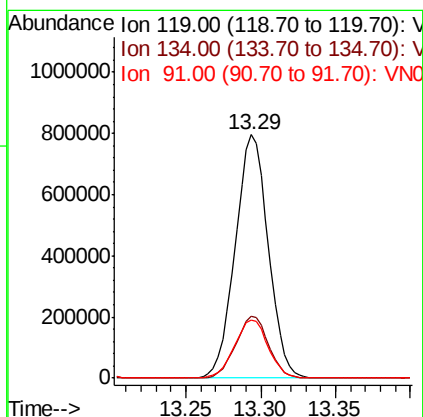
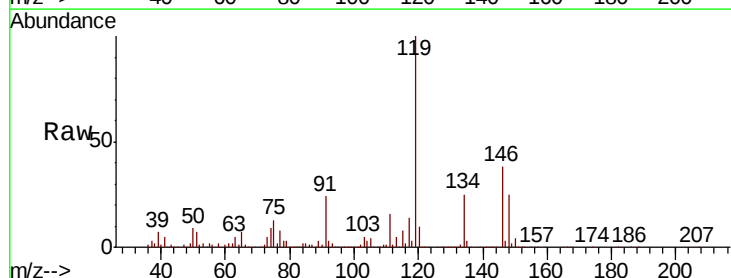
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

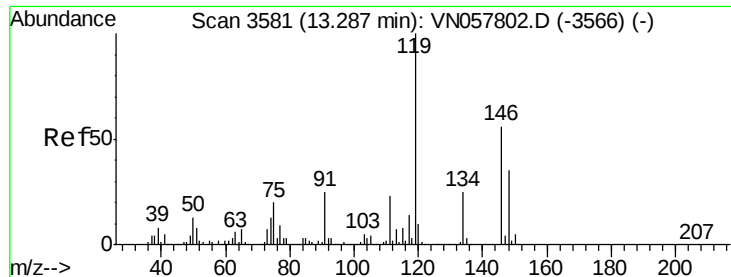
Tgt Ion:105 Resp: 1349772
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 50.343 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion:119 Resp: 1216580
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 24.3 12.3 36.8

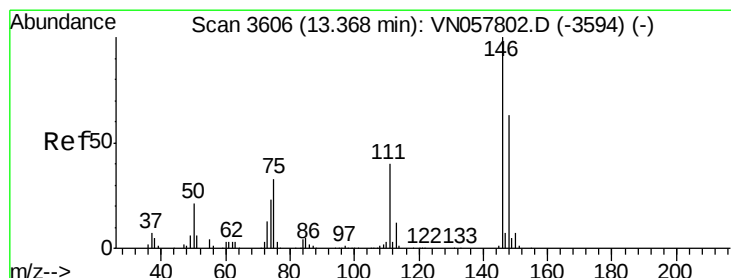
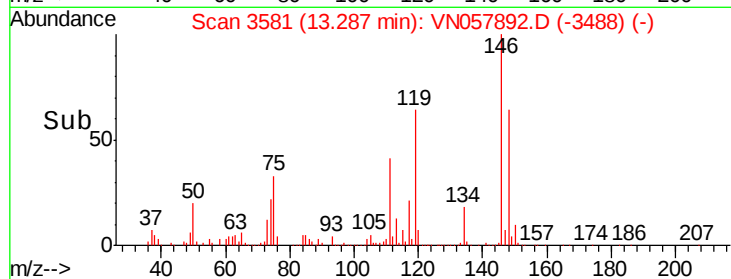
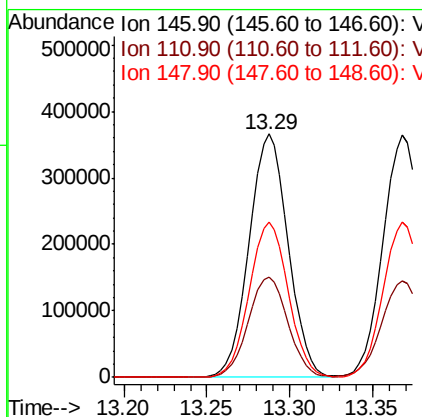
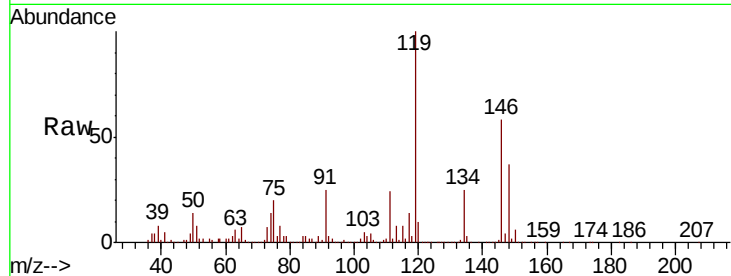




#87
 1,3-Dichlorobenzene
 Concen: 47.636 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

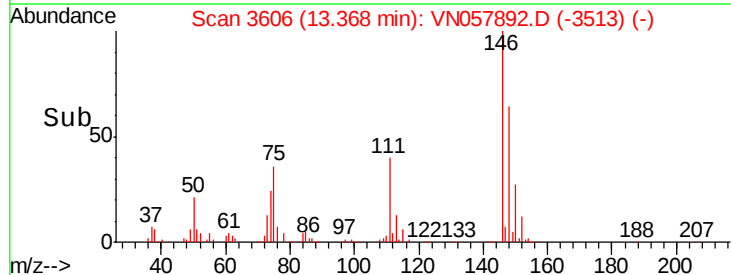
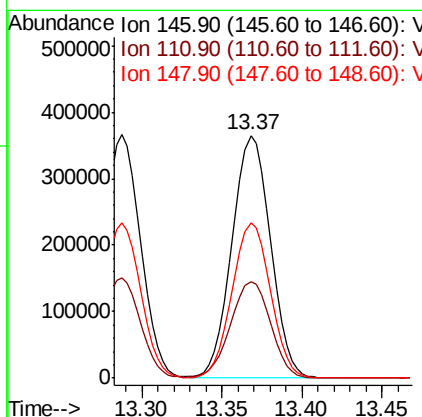
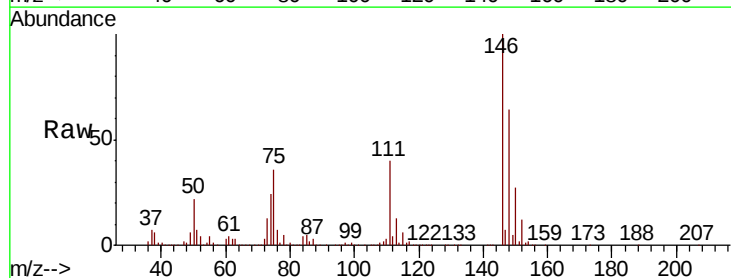
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

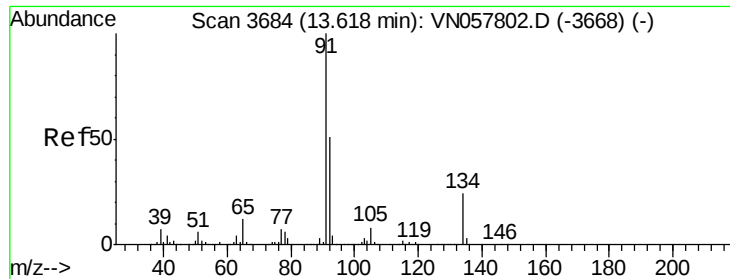
Tgt Ion:146 Resp: 600596
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.5 61.6
 148 63.7 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 46.743 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion:146 Resp: 598214
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.4 61.2
 148 63.7 31.8 95.4

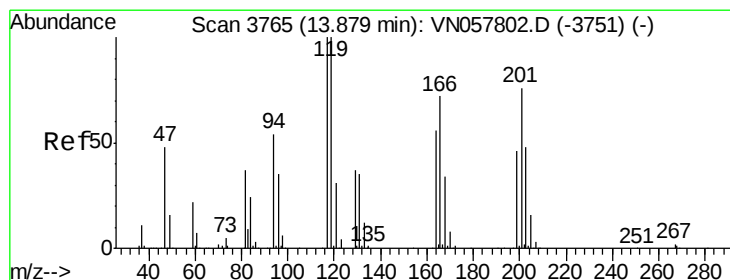
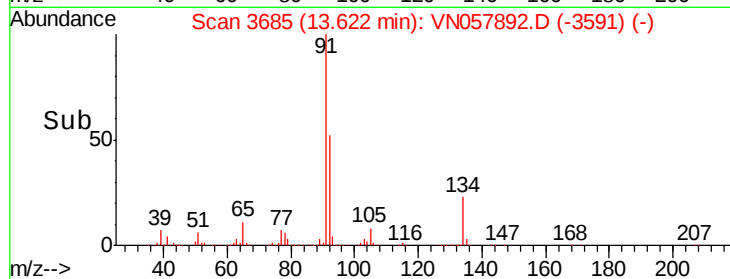
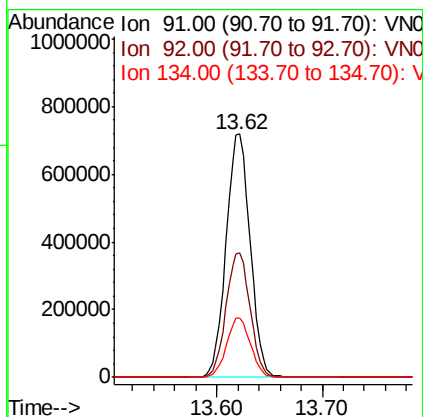
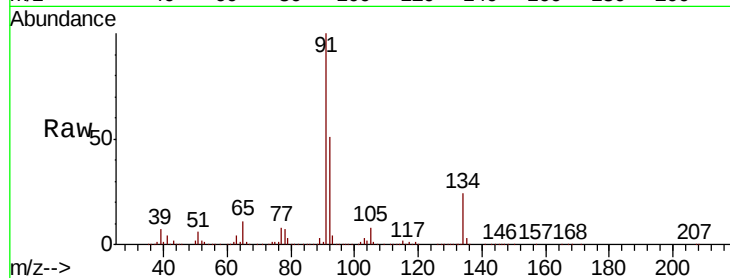




#89
n-Butylbenzene
Concen: 49.489 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

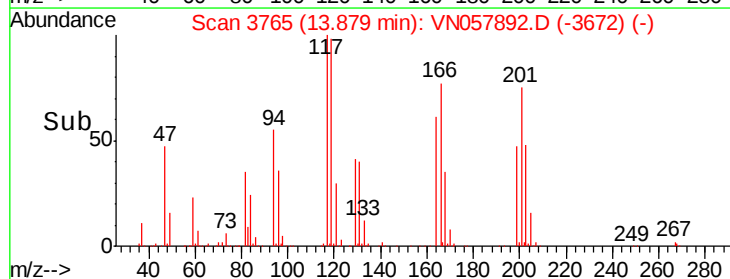
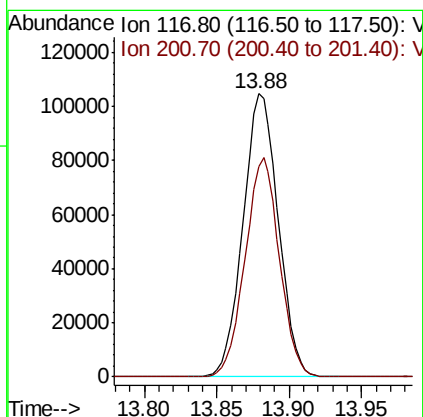
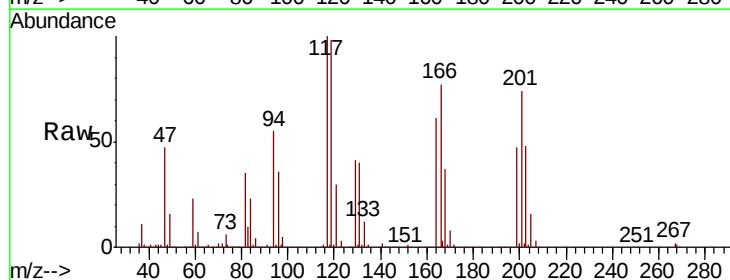
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

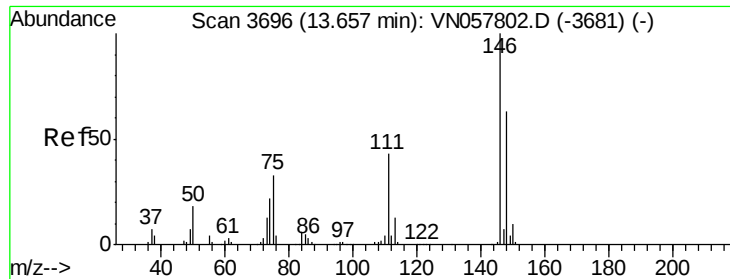
Tgt Ion: 91 Resp: 1129390
Ion Ratio Lower Upper
91 100
92 51.3 25.7 77.0
134 24.3 11.9 35.7



#90
Hexachloroethane
Concen: 49.317 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN057892.D
Acq: 11 Sep 2019 2:14

Tgt Ion: 117 Resp: 177242
Ion Ratio Lower Upper
117 100
201 75.3 37.5 112.7





#91

1,2-Dichlorobenzene

Concen: 47.712 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

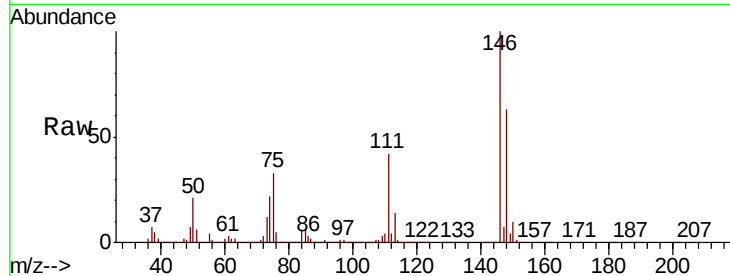
Tgt Ion:146 Resp: 600978

Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.9

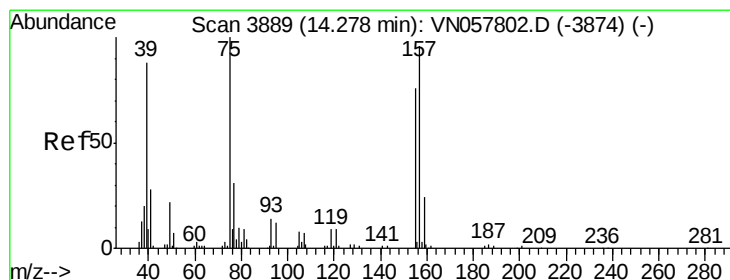
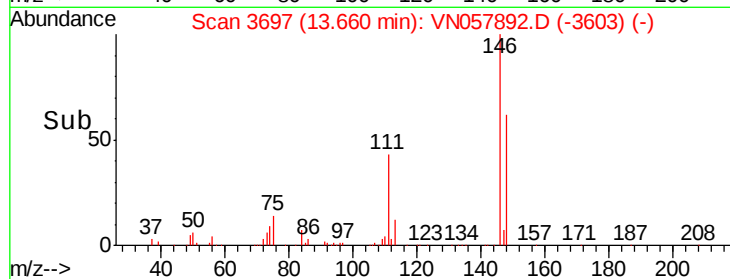
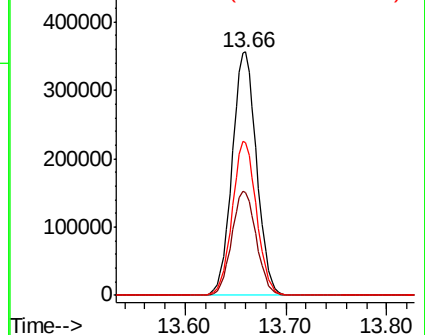
148 62.7 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.468 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

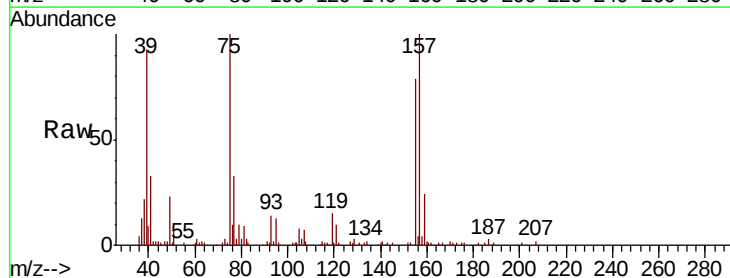
Tgt Ion: 75 Resp: 77313

Ion Ratio Lower Upper

75 100

155 75.9 37.3 111.8

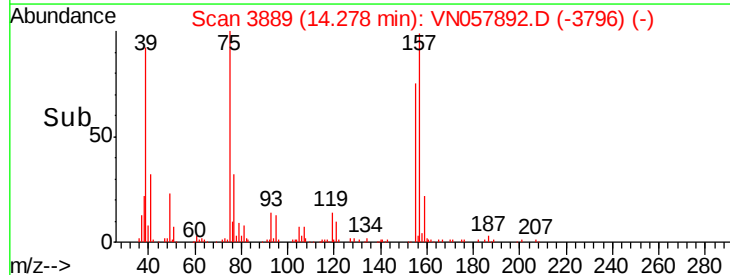
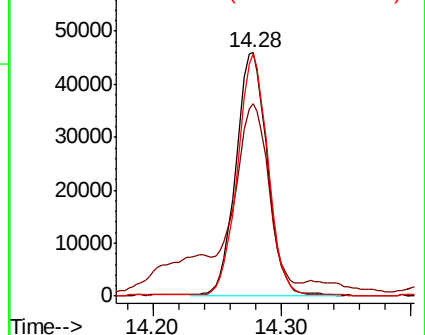
157 95.9 47.9 143.8



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

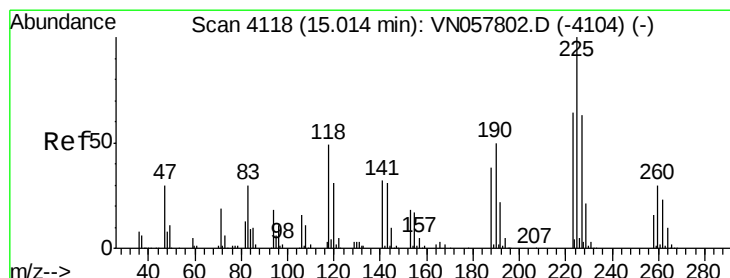
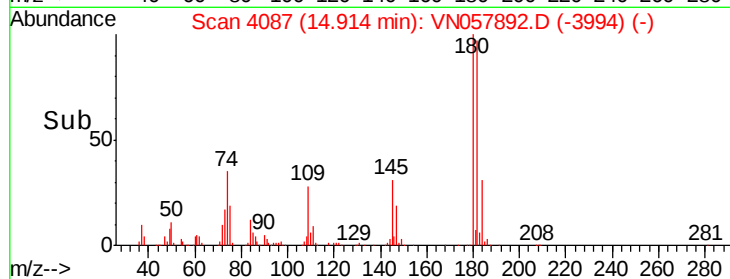
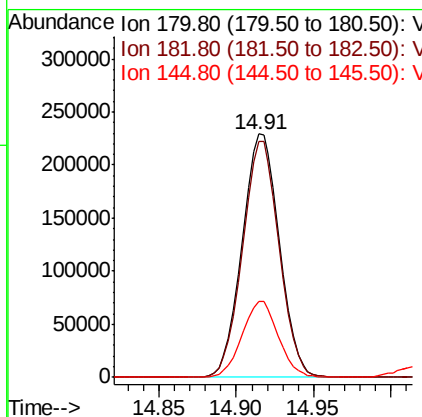
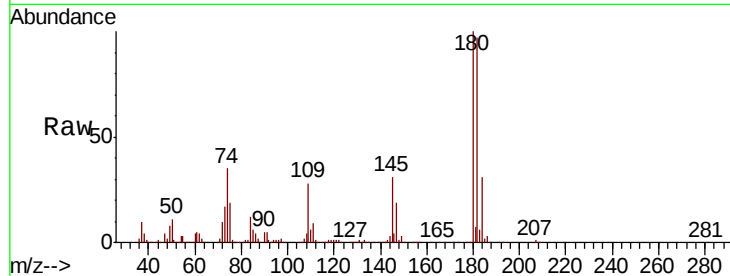




#93
 1,2,4-Trichlorobenzene
 Concen: 46.622 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

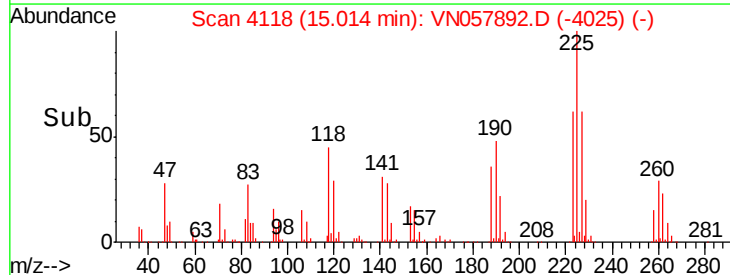
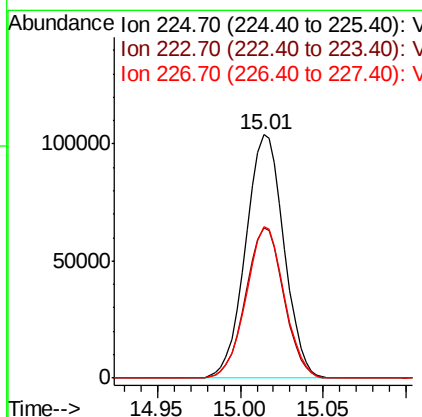
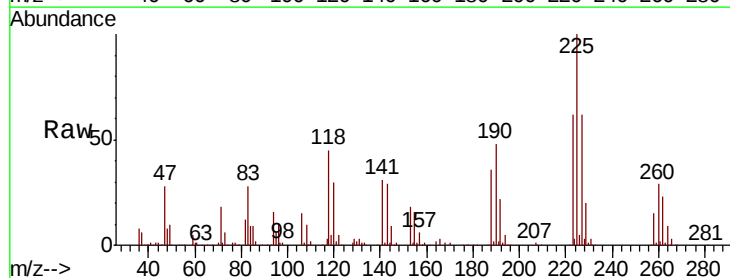
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

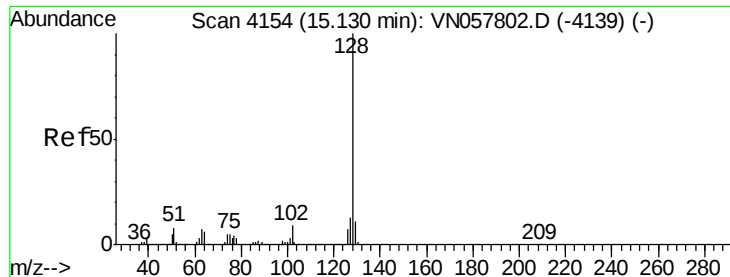
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.9	140.8
145	30.5	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 47.733 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057892.D
 Acq: 11 Sep 2019 2:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	32.4	97.2
227	61.7	31.8	95.4





#95

Naphthalene

Concen: 57.011 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

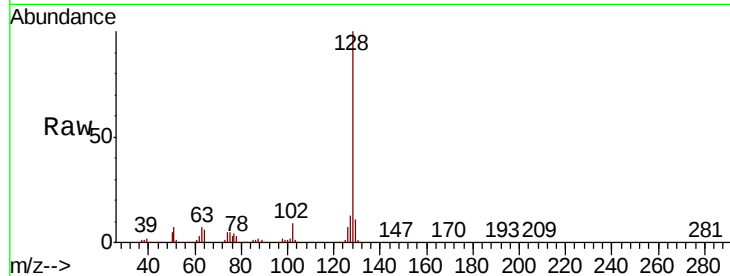
Tgt Ion:128 Resp: 1180376

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

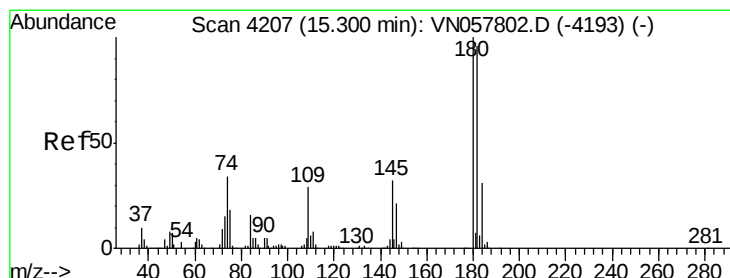
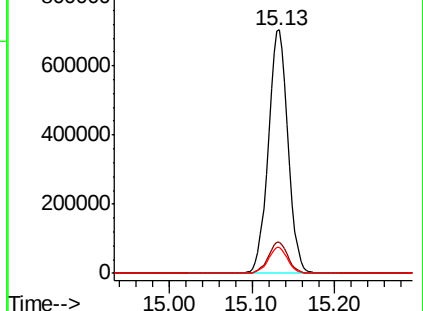
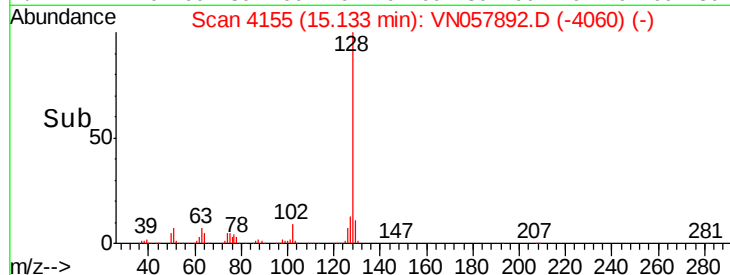
129 10.6 8.6 12.8



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: 50.798 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057892.D

Acq: 11 Sep 2019 2:14

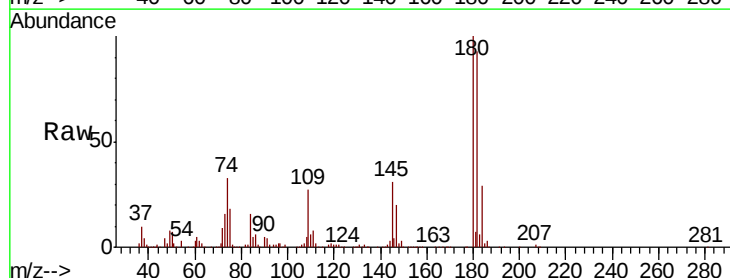
Tgt Ion:180 Resp: 365223

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.8

145 32.4 16.3 48.8



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

